



REPORT

2022 Annual Groundwater Monitoring and Corrective Action Report

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

Submitted to:



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January 31, 2023



Summary

This *2022 Annual Groundwater Monitoring and Corrective Action Report*, Georgia Power Company - Plant Scherer Cell 1 and Powdered Activated Carbon (PAC) Ash Cell (Cell 1 and PAC Ash Cell, the Site), Juliette, Monroe County, Georgia (GA), provides the status of groundwater monitoring and corrective program from January 1 through December 31, 2022. Groundwater monitoring and reporting for Cell 1 and PAC Ash Cell is performed by WSP USA Inc. (WSP) in accordance with the United States (US) Environmental Protection Agency (EPA) Coal Combustion Residuals (CCR) Rule published in the Code of Federal Regulations Title 40 Part 257 (40 CFR Part 257, Subpart D) dated April 17, 2015, and revised July 2018, 40 CFR § 257.90 through § 257.98. As required in 40 CFR § 257.90(e), this Annual Report describes the status of the groundwater monitoring program, summarizes key actions completed, and presents projected key activities for the upcoming year for Cell 1 and PAC Ash Cell. The other CCR unit (AP1) at Plant Scherer is reported separately.

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

Groundwater at the Site is monitored with a comprehensive well network system comprised of upgradient and downgradient wells for each CCR Unit that meet federal and state monitoring requirements. Routine sampling and reporting for Cell 1 and PAC Ash Cell began in 2010 when the landfill was originally permitted. Monitoring for CCR Appendix III constituents commenced after background groundwater conditions were established between 2016 and 2018.



Plant Scherer

Groundwater monitoring events for Cell 1 and PAC Ash Cell were conducted in February and August 2022. Resampling events for several Cell 1 and PAC Ash Cell detection monitoring wells were conducted in May, October, November, and December 2022 for select constituents. Groundwater elevation measurements were recorded from Site monitoring wells and piezometers prior to the semi-annual sampling events to confirm groundwater flow direction, and to confirm that the groundwater monitoring well network for the CCR units remains sufficient to monitor groundwater downgradient of the unit. Groundwater samples were collected and analyzed for Appendix III CCR constituents from each of the monitoring wells.

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

Cell 1		
Appendix III Constituent	February 2022	August 2022
Boron	No SSI were identified	GWC-10
Calcium	GWC-8A	GWC-4, GWC-19
Sulfate	GWC-4	GWC-4
PAC Ash Cell		
Appendix III Constituent	February 2022	August 2022
No SSIs were identified		

An alternate source demonstration (ASD) for the SSIs noted following the second semi-annual event in 2021 was submitted on April 21, 2022. An ASD for SSIs noted following the first semi-annual event in 2022 was submitted on November 29, 2022. An evaluation of the SSIs identified following the August 2022 sampling event is underway and an ASD for those SSIs will be prepared and submitted on or before May 1, 2023. Based on the ASDs, Georgia Power will continue detection monitoring and reporting at the Site. Reports will be posted to the website and provided to the GA Environmental Protection Division (EPD) semi-annually. The next semi-annual monitoring event is tentatively scheduled for February 2023.

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Certification Statement

This *2022 Annual Groundwater Monitoring and Corrective Action Report*, Georgia Power Company - Plant Scherer Cell 1 and PAC Ash Cell has been prepared in compliance with the United States Environmental Protection Agency coal combustion residual rule [40 Code of Federal Regulations (CFR) 257 Subpart D] and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with WSP. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management, and 40 CFR Part 258.50(g).

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

WSP USA Inc.

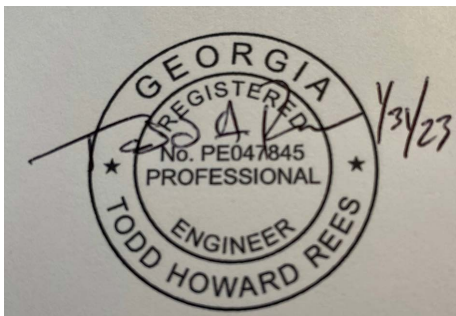


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Technical Principal, Hydrogeologist



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



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Georgia Professional Engineer No. 047845

1.0 INTRODUCTION

This 2022 Annual Groundwater Monitoring and Corrective Action Report has been prepared by WSP USA Inc. (WSP) to present results of each semi-annual monitoring event conducted in February and August 2022 for Georgia Power's Plant Scherer Cell 1 and Powdered Activated Carbon (PAC) Ash Cell (the Site). Monitoring and reporting for Plant Scherer was performed in accordance with the monitoring program requirements of the Georgia (GA) Department of Natural Resources Environmental Protection Division (EPD) Chapter 391-3-4.10 Solid Waste Management; Solid Waste Permit 102-009D(LI); and, the Groundwater Monitoring Plan Narrative of the Design & Operations (D&O) Plan for Plant Scherer Coal Combustion By-Product CCB Disposal Facility, submitted by Southern Company Generation Engineering and Construction Services February 26, 2010. The D&O Plan includes a minor modification for coal combustion residuals (CCR) disposal in all cells approved by EPD November 20, 2017, and a minor modification to include Appendix III and IV parameters contained in 40 CFR 257, Subpart D approved by EPD August 9, 2017.

1.1 Site Description and Background

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

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

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

1.2 Regional and Site Geology and Hydrogeologic Setting

The following section and subsections include a general description of regional geologic and hydrogeologic characteristics of formations that occur beneath the Site. Information presented in this section is based on published literature, discussion with local geologic experts, and experience working in this geologic terrain (Golder, 2022a).

Plant Scherer is located within the center of the East Juliette, GA United States Geological Survey (USGS) 7.5-minute topographic quadrangle. The Piedmont/Blue Ridge geologic province contains some of the oldest rocks in the Southeastern United States. Since their origin, approximately 276 to 1100 million years ago (Ma), these late Precambrian (Neoproterozoic) to late Paleozoic (Permian) rocks have undergone repeated cycles of igneous intrusions and extrusions, metamorphism, folding, faulting, shearing, and silicification. The latest regional metamorphism and associated deformation has been attributed to the collision of the North America plate with the Eurasian plate approximately 200 to 230 Ma. Later deformation and emplacement of mafic dikes is associated with the rifting of the North American craton during the Mesozoic and Cenozoic Eras.

The metamorphic and igneous rocks that underlie the area have been subjected to physical and chemical weathering which has created a landscape dissected by creeks and streams forming a dendritic drainage pattern. These rocks are deeply weathered due to the humid climate and bedrock is typically overlain by a variably thick blanket of residual soils and saprolite. The overall depth of weathering in the Piedmont/Blue Ridge is generally about 20 to 60 feet; however, the depth of weathering along discontinuities and/or very feldspathic rock units may extend to depths greater than 100 feet. Because of such variations in rock types and structure, the depth of weathering can vary significantly over short horizontal distances.

The uppermost groundwater aquifer is within the overburden (soils and saprolite) at the Site. Boring logs and monitoring/piezometer installation logs were used to evaluate the hydrostratigraphy of the Site. Material types identified included residual soils, saprolitic soils, saprolitic rock [or partially weathered rock (PWR) if blow counts were provided], transitionally weathered rock, and competent bedrock. Residual soils, primarily sandy silt, silty sand, sandy clay, and silty clay, occur as a variably thick blanket overlying bedrock across most of the Site. The thickness of the soil encountered in the borings is variable, ranging from little to no soil where outcrop is encountered at the surface, to as much as 168 feet. Thickness of saprolitic soils and/or saprolitic rock are variable across the Site. The saturated thickness of the overburden material ranges from 2 to over 40 feet. Based on review of the logs, the screen/filter pack interval for most of the piezometers and monitoring wells installed on site provides connection to the overburden, indicating that the Site is underlain by a regional groundwater aquifer that occurs within the overburden.

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

1.3 Groundwater Monitoring Well Network

A groundwater monitoring network for the units monitors the groundwater passing the waste boundary of Cell 1 and PAC Ash Cell within the uppermost aquifer. There are 20 monitoring wells at Cell 1 and 12 monitoring wells at the PAC Ash Cell. Wells are located to serve as upgradient and downgradient wells based on groundwater flow direction as determined by the potentiometric surface elevation contour maps. Table 1 presents the pertinent well construction details for the active landfill cells at Plant Scherer.

2.0 DETECTION MONITORING ACTIVITIES

The following describes monitoring-related activities performed during the calendar year 2022 including two semi-annual events conducted in February and August as well as resampling of selected Cell 1 and PAC Ash wells in May, October, November and December 2022. During the first semi-annual monitoring period, WSP collected groundwater, surface water and effluent samples between February 14 and February 16, 2022. A resample of several Cell 1 monitoring wells (GWC-1, GWC-4, GWC-5, GWC-10, GWC-18, and GWC-20) was conducted on May 12, 2022, for analysis of select constituents because coolers were lost during shipment. During the second semi-annual monitoring period, WSP collected groundwater, surface water and effluent samples between August 17 and August 31, 2022. Resample of selected Cell 1 and PAC Ash wells were conducted in October (GWC-29, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-50, GWC-51, GWC-52, GWC-53) and November 2022

(GWC-29, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-50, GWC-51, GWC-52, GWC-53), for analysis of selected constituents due to exceedance of holding time for TDS prior to laboratory analysis. A follow up verification resampling was also conducted on December 28, 2022 (GWC-4, GWC-9, GWC-10, GWC-19, and GWC-20). Table 2 presents the status of the monitoring well network for each unit.

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

2.1 Monitoring Well Installation and Maintenance

There was no change to the groundwater monitoring system in 2022; the network remained the same as in the previous reporting year. Monitoring well-related activities included a visual inspection of well conditions prior to sampling, recording the Site conditions, and performing exterior maintenance to provide safe access for sampling.

Monitoring wells are inspected semi-annually to determine if any repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). In February and August 2022, monitoring wells were inspected and documented on well condition summary forms included in Appendix C. The well condition inspection forms identify difficult access to several Cell 3 monitoring wells during the August inspection. Cell 3 has not been constructed and these wells are utilized for water level monitoring only until such time as the cell is constructed. Efforts to improve access to these wells were conducted in 2022 and will continue in 2023. Necessary corrective actions completed for Site monitoring wells were identified and subsequently completed, as documented in the Well Maintenance and Repair Documentation Memorandum, included in Appendix C. This documentation was performed under the direction of a professional geologist or engineer registered in the State of Georgia.

2.2 Detection Groundwater Monitoring

A detection monitoring well network has been established for Cell 1 and PAC Ash Cell at Plant Scherer. Detection monitoring is performed on a semi-annual basis in accordance with the approved GA EPD Solid Waste Permit No. 102-009S(LI) and the Site's D&O Plan. Groundwater samples from wells in the detection monitoring system were analyzed for the permit-specified semi-annual monitoring parameters as well as Appendix III monitoring parameters per 40 CFR Parts 257 and 261.

2.3 Surface Water Monitoring

Small tributaries traverse the Site to the Ocmulgee River, which is located approximately 3,000 feet east of the facility boundary. Nine locations as shown on Figure 2 are sampled semi-annually to determine the surface water quality of the small tributaries traversing the Site. Following the 2017 permit modification, Georgia Power has added the Appendix III constituents to the surface water monitoring program. While in detection monitoring, Appendix III constituents will be included in semi-annual monitoring events at Cell 1 and PAC Ash Cell.

2.4 Effluent Monitoring

Effluent monitoring is performed semi-annually. Effluent samples were collected in February and August 2022 from the point of discharge of the flue gas desulfurization (FGD) waste stream. The FGD samples were analyzed for permit-specified semi-annual monitoring parameters, and laboratory results are provided in Appendix B.

2.5 Additional Sampling

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

3.0 SAMPLE METHODOLOGY AND ANALYSIS

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

3.1 Groundwater Level Measurements

Prior to sampling, WSP recorded groundwater elevations from each well and piezometer on February 8, and August 16, 2022. Groundwater elevation data are summarized on Table 3. The recorded water level data were used to develop potentiometric surface elevation contours that are presented on Figures 3A through 3D. Review of Figures 3A through 3D shows that groundwater generally flows south-southeast across the Cell 1 and PAC Ash Cell units, which is consistent with historical observations.

3.2 Groundwater Gradient and Flow Velocity

Groundwater flow rates at the Site were calculated based on hydraulic gradients, hydraulic conductivity from previous slug test results, and an estimated effective porosity of the screened horizon. Based on slug test data at the Site, an average hydraulic conductivity value of 2.36 ft/day is used in the flow calculations. Additional details are provided in the *Plant Scherer Proposed Coal Combustion By-Product Disposal Facility Site Acceptability Report* (Southern Company Services, 2007). The hydraulic gradients were calculated between well pairs as shown on Tables 4A and 4B. An effective porosity of 0.20 was used based on the default values for effective porosity recommended by US EPA for a silty sand-type soil (US EPA, 1996).

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

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

Using this equation and groundwater elevations collected during both February 2022 and August 2022 sampling events, horizontal groundwater velocities are calculated for various areas of the Site and shown in Tables 4A and 4B.

As presented in Tables 4A and 4B, groundwater flow velocity at the Site ranges from approximately 0.22 to 0.41 ft/day (approximately 81 to 148 ft/year) in February 2022, and from approximately 0.23 to 0.41 ft/day (approximately 83 to 151 ft/year) across Cell 1 and PAC Ash Cell. These calculated groundwater velocities across the Site are generally consistent with historical calculations, therefore, confirming the groundwater monitoring network is properly located to monitor the uppermost aquifer for the landfills at Plant Scherer.

3.3 Groundwater Sampling

Groundwater samples were collected from Site detection monitoring wells in February and August 2022. Verification sampling was conducted in May 2022 for several monitoring wells for select constituents. Resampling events were conducted in October and November 2022 due to exceedances of holding times by the laboratory. Verification sampling was conducted in December 2022 for select wells and constituents. Original and verification results for each well and surface water location are summarized on Tables 5A through 5H.

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

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

Any deviation from stabilization criteria, if applicable, is identified on field sampling forms. Following well stabilization, unfiltered samples were collected directly into appropriately preserved laboratory supplied sample containers, placed in iced coolers, and submitted to the laboratory following standard chain-of-custody protocol. Field data forms and instrument calibration forms are included in Appendix A. Chain-of-Custody records are provided in Appendix B.

3.4 Surface Water Sampling

During the 2022 sampling events, surface water locations SWA-1 through SWA-3 and SWC-4 through SWC-9 were sampled using applicable US EPA operating procedures (US EPA, 2016). Surface water location SWC-9 was dry at the time of sampling in August 2022 and therefore, no sample was collected. Resampling of select locations was conducted in October (SWA-1 through SWA-3 and SWC-4 through SWC-9), and November 2022 (SWA-3 and SWC-8) for analysis of select constituents (TDS, TOC and Alkalinity) due to exceedance of holding times by the laboratory. Surface water samples were analyzed for target parameters, as indicated in the D&O Plan. The results of the first and second semi-annual surface water sampling events, inclusive of the resample events are provided in Tables 5D and 5H.

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

3.5 Effluent Sampling

During each of the 2022 sampling events, one effluent sample was collected from the point of discharge of the FGD waste stream for Cell 1. The FGD effluent sample was analyzed for permit-specified semi-annual monitoring parameters. Results of the FGD effluent sample collected on February 16, and August 30, 2022, are provided in Appendix B.

3.6 Laboratory Analyses

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

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

3.7 Quality Assurance and Quality Control

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

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

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

4.0 STATISTICAL ANALYSES

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

4.1 Statistical Methods

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

Groundwater quality data for Cell 1 were evaluated using a combination of interwell and intrawell prediction limits for required parameters. Intrawell methods utilize historical data from within a given well to establish a statistical limit for comparison of compliance data. As a result, each parameter will have a different statistical limit for each well. Data from the first and second semi-annual detection monitoring events in 2022 are compared to the calculated statistical limits (utilizing historical data through September 2020) to determine whether any concentrations exceed background levels. Interwell statistical analyses pools upgradient data to calculate a prediction limit for which downgradient data is compared. The selected statistical method(s) uses an optional 1-of-2 verification resample plan. When an initial statistically significant increase (SSI) or questionable result occurs, a second sample may be collected to verify the initial result or determine if the result was an outlier. If the initial finding was not verified by resampling, the resampled value replaced the initial finding. When the re-sample confirms the initial finding, both values remain in the database and an SSI is declared.

Intrawell prediction limits are constructed from historical data within a given well, and the most recent sample is compared to background. Intrawell statistical methods are a conservative first step that may be overly sensitive to natural variation, particularly for nonparametric limits with small background sample sizes. Therefore, for instances where an apparent SSI is identified by intrawell statistical methods, interwell statistical methods may be used as a reasonable second step to determine if the initial exceedance is below Site-wide background. A minor modification for the incorporation of the two-step statistical analysis was approved by GA EPD on April 19, 2021.

4.2 Statistical Analysis Results

The calculated prediction limits and the statistical analysis (Sanitas) results are included in Appendix D. Following the statistical methods described above, including the two-step analyses for February and August 2022, the statistical results for 2022 monitoring events are summarized below.

4.2.1 February 2022 Statistical Analysis Results

Following the statistical methods described above, including the two-step analyses, the following table presents the SSIs noted following the first semi-annual 2022 monitoring event including both the February sample event and the May 2022 verification sampling event.

February 2022 Statistically Significant Increase Summary

Well	Parameter	Concentration (mg/L) February / May 2022	Intrawell Upper Prediction Limit (mg/L)	Interwell Upper Prediction Limit (mg/L)
Cell 1				
GWC-4	Barium	0.055 / 0.060	0.05318	0.051
GWC-4	Sulfate	20 / 33	6.288	3.1
GWC-8A	Calcium	49	45.47	14
PAC Ash Cell – No Exceedances				

Concentrations of Appendix I and Appendix III constituents are below respective prediction limits for each of the Cell 1 and PAC Ash Cell monitoring wells during the first semi-annual 2022 monitoring event with the exceptions noted above. Apparent statistical exceedances for barium, calcium, and sulfate are noted for select monitoring wells at Cell 1. No statistical exceedances were identified in PAC Ash Cell monitoring wells.

4.2.2 August 2022 Statistical Analysis Results

Following the statistical methods described above, including the two-step analyses, the following table presents the SSIs noted following the second semi-annual 2022 monitoring event including both the August sampling event and the December 2022 verification resampling event.

August 2022 Statistically Significant Increase Summary

Well	Parameter	Concentration (mg/L) August/December 2022	Intrawell Upper Prediction Limit (mg/L)	Interwell Upper Prediction Limit (mg/L)
Cell 1				
GWC-4	Barium	0.054/0.065	0.05318	0.051
GWC-10	Boron	0.11/0.098	0.08	0.08
GWC-4	Calcium	17/20	16.56	14
GWC-19	Calcium	18/19	15.99	14
GWC-4	Sulfate	19/32	6.288	3.1
PAC Ash Cell – No Exceedances				

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

5.0 ALTERNATE SOURCE DEMONSTRATIONS

In response to the February 2022 SSIs of barium and sulfate at well GWC-4 and calcium at well GWC-8A downgradient of Cell 1, an ASD has been submitted following the options of 40 CFR § 257.95 and 391-3-4-.10(6); (see Appendix E). The ASD concluded that the statistical exceedances above the prediction limit identified following the first semi-annual monitoring event in 2022 are the result of natural variability in groundwater chemistry.

In response to the August 2022 SSIs, barium, boron, calcium, and sulfate at various wells (listed in section 4.2.2) downgradient of Cell 1, an ASD is forthcoming following the options of 40 CFR § 257.95 and 391-3-4-.10(6). In support of the forthcoming ASD as well as previous ASDs, major ions were monitored during this sampling event. Data will be evaluated in support of the current and past ASDs.

PREVIOUS SITE SOURCE DEMONSTRATIONS

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

Alternate Source Demonstration	Constituent	Well	Status of Approval by GA EPD
Alternate Source Demonstration Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI), 2021, April 21, 2022	Calcium	GWC-19	Submitted
	Nickel	GWC-2	
Alternate Source Demonstration Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI), 2022, November 29, 2022	Barium	GWC-4	Submitted
	Sulfate	GWC-4	
	Calcium	GWC-8A	

6.0 MONITORING PROGRAM STATUS

Plant Scherer Cell 1 and PAC Ash Cell remain in detection monitoring. Table 2 presents the status of each well within the certified monitoring network for Cell 1 and PAC Ash Cell, respectively. SSIs of barium, calcium, and sulfate identified during the February/May 2022 event have been addressed by an ASD (Golder, 2022b). The SSIs reported for the August 2022 monitoring events (boron, barium, calcium, nickel, and sulfate) will be addressed in a forthcoming ASD under separate cover. As such, Cell 1 and PAC Ash Cell will remain in detection monitoring. The next semi-annual groundwater sampling event is scheduled for February 2023.

7.0 CONCLUSIONS

This 2022 *Annual Groundwater Monitoring and Corrective Action Report*, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell has been prepared to fulfill the requirements of 40 CFR 257, Georgia EPD SWMR 391.3.4.-.14, and the 2010 D&O Plan. Samples were obtained between February 15 and 16, 2022 with resampling conducted on May 12, 2022 during the first semi-annual event and between August 17 through 31, 2022 with resampling

conducted in October, November and December 2022 during the second semi-annual event. The groundwater flow direction and rates observed during 2022 are consistent with historical evaluations.

Review of analytical results and statistical analyses using the two-step analyses developed for the Site identified statistical exceedances in the first semi-annual 2022 sampling event. An ASD has been prepared and submitted to EPD; the ASD concluded that the SSIs of barium, calcium, and sulfate are the result of natural variability and not the result of a release from the unit.

Review of analytical results and statistical analyses using the two-step method developed for the Site identified statistical exceedances in the second semi-annual 2022 sampling event. Preparation of an ASD is underway to address each of these SSIs. The ASD will be submitted within the timeline required by 40 CFR § 257.95 and 391-3-4-.10(6). The monitoring well network continues to effectively monitor the water bearing unit beneath Cell 1 and PAC Ash Cell.

Based on the findings presented herein, Plant Scherer Cell 1 and PAC Ash Cell will continue with detection groundwater monitoring and reporting. The next semi-annual sampling event is tentatively scheduled in February 2023.

8.0 REFERENCES

- Georgia Environmental Protection Division, 2017. CCR Rule Compliance, Minor Modification Request to Add Appendix III & IV Sample Parameters to the Current Groundwater Monitoring Plan, Permit No. 102-009(DL), August 9, 2017.
- Georgia Department of Natural Resources Environmental Protection Division Chapter 391-3-4 Solid Waste Management; 2010 Solid Waste Permit 102-009D(LI).
- Golder, 2022a, *Hydrogeologic Assessment Report, Plant Scherer Ash Pond 1*, Golder Associates USA Inc., September 2022.
- Golder, 2022b. *Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2022 First Semi-Annual Monitoring Event*, Golder Associates USA Inc., November 29, 2022.
- Heath, R.C., 1982, *Basic Ground-Water Hydrology*. Water Supply Paper 2220. U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado.
- Sanitas: *Groundwater Statistical Software (2014)*, Sanitas Technologies, Shawnee, KS, 2007.
- Southern Company Generation Engineering and Construction Services, 2010. *Groundwater Monitoring Plan Narrative of the Design & Operations (D&O) Plan for Plant Scherer Coal Combustion By-Product CCB Disposal Facility*, February 26, 2010.
- Southern Company Services, 2007. *Plant Scherer Proposed Coal Combustion By-Products Storage Facility Site Acceptability Report*.
- US EPA, 1996, *Soil Screening Guidance: User's Guide*, Second Edition, EPA/540/R-96-018, July.
- US EPA, 2009, *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities Unified Guidance*, EPA 530-R-09-007.

US EPA, 2011, Data Validation Standard Operating Procedures. Science and Ecosystem Support Division. Region 4. Athens, GA. September.

US EPA, 2016, Science and Ecosystem Support Division Operating Procedures for Surface Water Sampling SESDPROC-201-R4, December 16, 2016.

US EPA, 2020a, Laboratory Services and Applied Science Division, Operating Procedure, Field Equipment Cleaning and Decontamination June 2020

US EPA, 2020b, National Functional Guidelines for Inorganic Superfund Methods Data Review, Office of Superfund Remediation and Technology Innovation. OLEM 9240.0-51 [EPA 540-R-20-005]. Washington. DC, November 2020.

Tables

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

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

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

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

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

Well ID	Hydraulic Location	Screened Matrix	NAD 83 Northing ^[1]	NAD 83 Easting ^[1]	Ground Surface Elevation at Concrete Pad (feet NAVD88)	Ground Surface Elevation (feet NAVD88) ^[2]	Top of Casing Elevation (feet NAVD88) ^[2]	Well Depth (ft BTOC) ^[2]	Top of Screen Elevation (feet NAVD88) ^[2]	Bottom of Screen Elevation (feet NAVD88) ^[2]	Screen Length (feet)	Date of Installation
CELL 3												
GWC-30	Downgradient	Overburden/Bedrock	1119366.69	2408976.35	392.19	392.0	394.49	21.5	384.04	374.04	10	1/24/2020
GWC-31	Downgradient	Overburden	1118970.00	2409062.02	390.13	390.0	392.78	21.8	380.68	370.68	10	1/23/2020
GWC-32	Downgradient	Overburden	1118749.53	2409084.83	407.25	406.9	410.03	38.1	381.95	371.95	10	1/21/2020
GWC-33A	Downgradient	Overburden	1118458.68	2409359.58	391.32	390.9	393.96	27.1	376.87	366.87	10	1/25/2020
GWC-34	Downgradient	Overburden	1118248.26	2409680.41	386.48	386.2	389.29	22.1	377.23	367.23	10	1/13/2020
GWC-35	Downgradient	Overburden	1117860.46	2409906.21	385.35	385.1	387.90	22.8	375.10	365.10	10	1/12/2020
GWC-36	Downgradient	Overburden	1117561.29	2409681.44	422.52	422.0	425.12	48.5	386.62	376.62	10	1/10/2020
GWC-37	Downgradient	Overburden	1117239.70	2409636.56	427.38	427.2	429.80	44.6	395.23	385.23	10	1/8/2020
GWC-38	Downgradient	Overburden	1116786.45	2409533.11	416.23	416.0	418.68	41.7	386.98	376.98	10	1/7/2020
GWA-39	Upgradient	Bedrock	1116967.57	2408671.68	454.59	454.2	457.62	62.4	405.24	395.24	10	12/20/2019
GWA-40	Upgradient	Overburden	1117365.24	2408730.04	461.25	461.2	463.84	47.5	427.15	417.15	10	12/18/2020
GWA-41	Upgradient	Overburden	1118096.97	2408412.15	431.70	431.4	434.12	46.7	403.75	393.75	10	1/26/2020
GWA-42	Upgradient	Overburden	1118500.68	2408233.53	402.57	402.2	405.19	21.8	393.37	383.37	10	1/27/2020
GWA-43	Upgradient	Overburden	1118861.38	2408484.42	398.42	398.1	400.94	21.8	389.12	379.12	10	1/26/2020
GWA-44A	Upgradient	Overburden	1119296.99	2408569.76	396.83	396.5	399.62	23.9	386.58	376.58	10	1/27/2020
GWA-54	Upgradient	Bedrock	1117751.40	2408588.52	448.78	448.6	451.49	51.7	409.83	399.83	10	12/21/2020

Notes:

ft = feet; feet bgs = feet below ground surface; ft BTOC = feet below top of casing

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

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

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

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

(5) - = not applicable

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

Well ID	Hydraulic Location	Summary of Sampling Event	Resampled	Summary of Sampling Event	Resampled	Resampled	Resampled	Status of Monitoring Well
		February 2022	May 2022	August 2022	October 2022	November 2022	December 2022	
Purpose of Sampling Event		Detection	Detection	Detection	Detection	Detection	Detection	
CELL 1								
GWA-15	Upgradient	X		X				Detection
GWA-16	Upgradient	X		X				Detection
GWA-17	Upgradient	X		X				Detection
GWC-1	Downgradient	X	X	X				Detection
GWC-2	Downgradient	X		X				Detection
GWC-3	Downgradient	X		X				Detection
GWC-4	Downgradient	X	X	X			X	Detection
GWC-5	Downgradient	X	X	X				Detection
GWC-6	Downgradient	X		X				Detection
GWC-7	Downgradient	X		X				Detection
GWC-8A	Downgradient	X		X				Detection
GWC-9	Downgradient	X		X			X	Detection
GWC-10	Downgradient	X	X	X			X	Detection
GWC-11	Downgradient	X		X				Detection
GWC-12	Downgradient	X		X				Detection
GWC-13	Downgradient	X		X				Detection
GWC-14	Downgradient	X		X				Detection
GWC-18	Downgradient	X	X	X				Detection
GWC-19	Downgradient	X		X			X	Detection
GWC-20	Downgradient	X	X	X			X	Detection
PAC ASH CELL								
GWA-21	Upgradient	X		X				Detection
GWA-22	Upgradient	X		X				Detection
GWA-45	Upgradient	X		X	X	X		Detection
GWA-46	Upgradient	X		X	X	X		Detection
GWA-47	Upgradient	X		X	X	X		Detection
GWA-48	Upgradient	X		X	X	X		Detection
GWA-49	Upgradient	X		X	X	X		Detection
GWC-29	Downgradient	X		X	X	X		Detection
GWC-50	Downgradient	X		X	X	X		Detection
GWC-51	Downgradient	X		X	X	X		Detection
GWC-52	Downgradient	X		X	X	X		Detection
GWC-53	Downgradient	X		X	X	X		Detection

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

Well ID	Top of Casing Elevation (Feet NAVD 88) (certified 7/17/2020)	GROUNDWATER ELEVATION (Feet NAVD 88)		
		2/8/2022	8/16/2022	12/6/2022
CELL 1				
GWC-1	374.95	364.85	364.56	365.22
GWC-2	380.22	379.63	365.44	366.11
GWC-3	412.66	377.94	377.43	376.80
GWC-4	411.75	379.94	378.93	378.80
GWC-5	396.69	377.82	375.87	375.49
GWC-6	415.80	377.73	376.99	376.40
GWC-7	418.27	376.56	375.54	373.32
GWC-8A	401.62	379.84	378.36	379.08
GWC-9	386.18	379.77	378.76	379.60
GWC-10	392.87	383.29	381.23	382.64
GWC-11	402.33	386.00	383.08	384.63
GWC-12	412.89	389.92	376.77	387.08
GWC-13	419.77	391.67	388.77	389.63
GWC-14	403.60	392.28	389.91	390.96
GWA-15	415.01	405.47	402.19	402.78
GWA-16	444.24	413.45	410.96	410.65
GWA-17	445.84	416.21	416.14	415.39
GWC-18	439.66	406.24	406.06	405.42
GWC-19	430.20	392.92	392.76	392.46
GWC-20	426.30	382.08	381.97	381.71

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

Well ID	Top of Casing Elevation (Feet NAVD 88) (certified 7/17/2020)	GROUNDWATER ELEVATION (Feet NAVD 88)		
		2/8/2022	8/16/2022	12/6/2022
PAC ASH CELL				
GWA-21	422.58	419.87	416.43	417.32
GWA-22	444.50	423.13	419.07	419.06
GWC-29	399.64	394.61	393.74	393.66
GWA-45	451.08	438.17	433.57	433.59
GWA-46	461.13	430.20	429.31	428.23
GWA-47	465.77	426.97	427.53	424.36
GWA-48	461.73	425.50	425.20	423.85
GWA-49	432.88	425.11	420.49	420.71
GWC-50	407.16	400.12	397.87	398.31
GWC-51	410.15	402.04	401.30	401.73
GWC-52	417.13	408.11	407.82	407.98
GWC-53	435.83	426.40	424.58	424.65

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

Well ID	Top of Casing Elevation (Feet NAVD 88) (certified 7/17/2020)	GROUNDWATER ELEVATION (Feet NAVD 88)		
		2/8/2022	8/16/2022	12/6/2022
CELL 3				
GWA-39	457.62	431.80	NM	427.92
GWA-40	463.84	431.97	NM	428.74
GWA-41	434.12	424.99	NM	NM
GWA-42	405.19	400.97	NM	400.20
GWA-43	400.94	397.46	NM	NM
GWA-44A	399.62	396.34	NM	NM
GWA-54	451.49	427.57	NM	NM
GWC-30	394.49	389.34	NM	NM
GWC-31	392.78	387.83	NM	NM
GWC-32	410.03	387.28	NM	NM
GWC-33A	393.96	384.64	NM	NM
GWC-34	389.29	382.25	NM	NM
GWC-35	387.90	383.77	NM	383.20
GWC-36	425.12	394.88	NM	391.86
GWC-37	429.80	407.60	NM	405.34
GWC-38	418.68	408.40	NM	406.21

Notes:

Feet MSL = feet above mean sea level

NM = Not Measured

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

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

Notes:

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

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

Flow Paths	Groundwater Elevation (feet msl)	ΔH (feet) ¹	ΔL (feet) ²	Hydraulic Gradient ($\Delta H/\Delta L$) ³	Average Hydraulic Conductivity, K (feet per day) ⁵	Assumed Effective Porosity (n_e) ⁶	Average Linear Groundwater Velocity	
							(feet per day) ⁴	(feet per year) ⁴
Cell 1:								
GWA-17/GWC-7	416.14	40.60	2110	0.019	2.36	0.2	0.23	83
	375.54							
GWC-19/GWC-3	392.76	17.55	500	0.035	2.36	0.2	0.41	151
	375.21							
PAC Ash:								
GWA-45/GWC-51	433.57	32.27	1062	0.030	2.36	0.2	0.36	131
	401.30							
GWA-47/GWC-50	427.53	29.66	1020	0.029	2.36	0.2	0.34	125
	397.87							

Notes:

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

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

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

NOTES:

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

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

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

NOTES:

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

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

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

NOTES:

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

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

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

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

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

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

Analyte	Units	GROUNDWATER MONITORING WELLS - CELL 1							
		GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
		2/15/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022
MAJOR IONS									
ALKALINITY, TOTAL	mg/L	98	72	9.8	47	34	62	93	72
ALKALINITY, BICARBONATE	mg/L	98	72	9.8	47	34	62	93	72
ALKALINITY, CARBONATE	mg/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MAGNESIUM	mg/L	8.9	6.5	0.90	4.3	3.3	4.8	7.6	6.1
POTASSIUM	mg/L	0.96	0.81	0.37 J	0.53	0.47 J	0.72	1.2	1.0
SODIUM	mg/L	7.9	4.7	2.5	5.7	3.3	7.1	8.4	6.5

NOTES:

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

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

Analyte	Units	SURFACE WATER SAMPLING LOCATIONS								
		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date:		2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022
FIELD MONITORING PARAMETERS										
pH	SU	7.82	7.02	6.98	7.29	7.15	7.42	7.39	7.05	7.15
ORP	mV	94.2	20.0	29.7	61.1	56.4	44.5	62.6	34.5	52.4
SPECIFIC CONDUCTANCE	us/cm	281.96	505.83	337.46	329.44	355.40	111.19	281.87	409.56	117.86
DISSOLVED OXYGEN	mg/L	11.55	9.49	9.88	10.94	10.04	10.62	11.22	10.04	9.10
TEMPERATURE	C	8.66	15.43	14.17	9.36	10.69	11.95	11.84	14.72	15.71
TURBIDITY	NTU	13.2	6.16	2.48	7.33	0.88	7.74	19.8	3.58	4.50
APPENDIX III										
BORON, TOTAL	mg/L	0.29	1.1	0.76	0.63	0.091	< 0.060	0.38	0.82	0.064 J
CALCIUM, TOTAL	mg/L	19	33	14	20	38	8.5	19	24	9.9
CHLORIDE, TOTAL	mg/L	11	10	12	9.0	13	3.0	7.8	10	3.3
FLUORIDE, TOTAL	mg/L	0.33	0.076 J	0.055 J	0.067 J	0.29	0.086 J	0.12	0.059 J	0.12
SULFATE, TOTAL	mg/L	72	170	110	98	55	1.4	69	140	2.7
TOTAL DISSOLVED SOLIDS	mg/L	170	340	200	200	230	66	190	250	80
STATE REQUIRED INORGANICS										
CHEMICAL OXYGEN DEMAND	mg/L	16	< 9.1	< 9.1	N/S	N/S	N/S	< 9.1	N/S	N/S
CYANIDE, TOTAL	mg/L	< 0.0080	0.011	< 0.0080	N/S	N/S	N/S	< 0.0080	N/S	N/S
TOTAL ORGANIC CARBON	mg/L	5.4	1.4	0.77 J	N/S	N/S	N/S	2.4	N/S	N/S
STATE REQUIRED METALS										
ANTIMONY, TOTAL	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
ARSENIC, TOTAL	mg/L	0.00036 J	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
BARIIUM, TOTAL	mg/L	0.060	0.063	0.045	0.053	0.045	0.033	0.057	0.058	0.020
BERYLLIUM, TOTAL	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0015 J	< 0.0015	0.0020	< 0.0015	0.0060
COBALT, TOTAL	mg/L	< 0.00026	0.0060	0.014	0.0041	< 0.00026	0.0037	0.0016 J	0.0076	< 0.00026
COPPER, TOTAL	mg/L	0.0033	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0017 J	< 0.0011	< 0.0011
LEAD, TOTAL	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	0.00017 J	< 0.00017	0.00025 J
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
NICKEL, TOTAL	mg/L	0.00095 J	0.00097 J	0.0026	0.00092 J	< 0.00052	< 0.00052	0.0010	0.0013	< 0.00052
SELENIUM, TOTAL	mg/L	0.00081 J	< 0.00074	< 0.00074	< 0.00074	0.0029 J	< 0.00074	< 0.00074	< 0.00074	< 0.00074
SILVER, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
THALLIUM, TOTAL	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
VANADIUM, TOTAL	mg/L	0.0033	< 0.00078	< 0.00078	0.0012	0.0026	0.0014	0.0044	< 0.00078	0.0072
ZINC, TOTAL	mg/L	0.0054	< 0.0029	0.0062	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029
MAJOR IONS										
TOTAL ALKALINITY as CaCO3	mg/L	51	56	22	50	93	55	61	43	55
BICARBONATE ALKALINITY as CaCO3	mg/L	51	56	22	50	93	55	61	43	55
CARBONATE ALKALINITY as CaCO3	mg/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MAGNESIUM	mg/L	8.1	20	11	12	13	5.1	10	14	4.8
POTASSIUM	mg/L	3.5	1.1	1.7	1.1	2.8	0.84	1.7	1.2	1.4
SODIUM	mg/L	23	42	33	27	9.9	5.9	21	34	6.0

NOTES:

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

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

Analyte	Units	GROUNDWATER MONITORING WELLS											
		GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
		8/25/2022	8/25/2022	8/24/2022	8/24/2022	8/26/2022	8/25/2022	8/25/2022	8/25/2022	8/25/2022	8/25/2022	8/25/2022	8/25/2022
APPENDIX III													
BORON, TOTAL	mg/L	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	0.19	< 0.060	< 0.060	0.18	0.13
CALCIUM, TOTAL	mg/L	4.9	13	8.9	17	18	5.5	17 / 20*	37	19	16	39	21 / 18*
CHLORIDE, TOTAL	mg/L	6.9	1.6	1.4	3.6	2.1	3.2	11	12	6.2	3.0	7.5	4.2
FLUORIDE, TOTAL	mg/L	< 0.026	0.047 J	0.047 J	0.075 J	0.048 J	0.059 J	0.077 J	0.047 J	0.058 J	0.051 J	0.059 J	0.064 J
pH	S.U.	5.40	6.42	6.22	6.42	6.37	5.99	6.19 / 6.20*	5.96	6.13	6.31	6.29	6.48 / 6.62*
SULFATE, TOTAL	mg/L	1.9	< 0.76	< 0.76	< 0.76	1.1	0.99 J	19 / 32*	100	12	< 0.76	22	19
TOTAL DISSOLVED SOLIDS	mg/L	86	130	110	160	180	110	170	290	170	150	270	180
STATE PARAMETERS													
ANTIMONY, TOTAL	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	0.00058 J	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
ARSENIC, TOTAL	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	0.00048 J	0.00037 J
BARIUM, TOTAL	mg/L	0.012	0.025	0.031	0.043	0.045	0.013	0.054 / 0.065*	0.031	0.055	0.035	0.030	0.040
BERYLLIUM, TOTAL	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	< 0.0015	0.0056	0.0076	0.014	0.0095	0.0072	0.0038	0.0058	0.0046	0.0085	< 0.0015	0.0092
COBALT, TOTAL	mg/L	0.0014 J	< 0.00026	< 0.00026	< 0.00026	< 0.00026	0.00046 J	< 0.00026	< 0.00026	< 0.00026	< 0.00026	0.0021 J	0.00053 J
COPPER, TOTAL	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0013 J	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0017 J
LEAD, TOTAL	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
NICKEL, TOTAL	mg/L	0.0010	< 0.00052	0.00082 J	0.00086 J	0.0020	0.0024	0.0015	0.00071 J	0.0013	0.0015	0.0053	0.0042 / 0.00068 J*
SELENIUM, TOTAL	mg/L	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	0.0012 J	0.0043 J	< 0.00074	< 0.00074	< 0.00074	< 0.00074
SILVER, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
THALLIUM, TOTAL	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
VANADIUM, TOTAL	mg/L	< 0.00078	0.0079	0.0051	0.017	0.015	0.0072	0.0059	0.0026	0.011	0.014	0.0023	0.025
ZINC, TOTAL	mg/L	< 0.0029	< 0.0029	< 0.0029	0.0039 J	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029

NOTES:

1. mg/L - Milligrams per Liter; SU - Standard Units.
2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the method detection limit.
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
4. * indicates the analyte was resampled on December 28, 2022.

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

Analyte	Units	GROUNDWATER MONITORING WELLS							
		GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
		8/25/2022	8/25/2022	8/26/2022	8/26/2022	8/26/2022	8/25/2022	8/25/2022	8/25/2022
APPENDIX III									
BORON, TOTAL	mg/L	0.11 / 0.098*	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	0.12 / < 0.060*
CALCIUM, TOTAL	mg/L	20	14	0.99	7.5	7.0	11	18 / 19*	15
CHLORIDE, TOTAL	mg/L	5.0	1.8	1.7	1.5	3.3	2.8	2.4	2.1
FLUORIDE, TOTAL	mg/L	0.065 J	0.059 J	0.026 J	0.055 J	0.068 J	0.047 J	0.042 J	0.050 J
pH	S.U.	6.20 / 6.36*	6.01	5.07	5.91	5.51	6.45	6.36 / 6.29*	6.62 / 6.56*
SULFATE, TOTAL	mg/L	3.7	< 0.76	0.77 J	1.3	0.79 J	< 0.76	< 0.76	< 0.76
TOTAL DISSOLVED SOLIDS	mg/L	170	130	29	84	91	130	150	140
STATE PARAMETERS									
ANTIMONY, TOTAL	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
ARSENIC, TOTAL	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
BARIUM, TOTAL	mg/L	0.035	0.018	0.018	0.035	0.011	0.035	0.030	0.031
BERYLLIUM, TOTAL	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	0.018	0.0069	< 0.0015	0.0043	< 0.0015	0.012	0.015	0.0079
COBALT, TOTAL	mg/L	< 0.00026	< 0.00026	0.00033 J	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
COPPER, TOTAL	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
LEAD, TOTAL	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
NICKEL, TOTAL	mg/L	0.0030 / 0.0017*	0.00081 J	0.00096 J	< 0.00052	< 0.00052	< 0.00052	0.0017	0.00074 J
SELENIUM, TOTAL	mg/L	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
SILVER, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
THALLIUM, TOTAL	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
VANADIUM, TOTAL	mg/L	0.011	0.0099	< 0.00078	0.0016	0.0017	0.0070	0.0068	0.018
ZINC, TOTAL	mg/L	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	0.0063

NOTES:

1. mg/L - Milligrams per Liter; SU - Standard Units.
2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the method detection limit.
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
4. * indicates the analyte was resampled on December 28, 2022.

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

Analyte	Units	GROUNDWATER MONITORING WELLS											
		GWA-21	GWA-22	GWA-45	GWA-46	GWA-47	GWA-48	GWA-49	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
		8/26/2022	8/26/2022	8/31/2022	8/31/2022	8/31/2022	8/31/2022	8/30/2022	8/31/2022	8/31/2022	8/31/2022	8/31/2022	8/31/2022
APPENDIX III													
BORON, TOTAL	mg/L	< 0.060	< 0.060	1.2	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	1.0
CALCIUM, TOTAL	mg/L	6.8	7.8	23	5.7	12	12	14	17	7.1	7.2	21	17
CHLORIDE, TOTAL	mg/L	3.6	2.0	13	5.1	1.5	1.6	2.2	3.5	1.6	7.7	7.6	13
FLUORIDE, TOTAL	mg/L	0.092 J	0.028 J	0.033 J	0.033 J	0.056 J	0.053 J	0.044 J	0.082 J	0.065 J	0.066 J	0.053 J	0.055 J
pH	S.U.	5.73	5.86	6.03 / 5.99* / 6.02*	5.8 / 5.88* / 5.88*	6.53 / 6.48* / 6.51*	6.91 / 6.81* / 6.83*	7.08 / 6.96* / 6.91*	6.21 / 6.21* / 6.14*	5.85 / 5.89* / 5.81*	5.91 / 5.94* / 5.87*	6.74 / 6.65* / 6.65*	5.59 / 5.64* / 5.65*
SULFATE, TOTAL	mg/L	2.7	< 0.76	170	1.1	1.1	1.6	0.76 J	2.8	0.88 J	2.4	65	170
TOTAL DISSOLVED SOLIDS	mg/L	110	83	320 H / 310 H* / 300*	83 H / 55 H* / 55*	110 H / 89 H* / 94*	110 H / 95 H* / 100*	130 H 120 H* / 110*	130 H / 110 H* / 110*	88 H / 65H* / 76*	90 H / 78 H* / 89*	190 H / 190 H* / 180*	300 H / 280 H* / 270*
STATE PARAMETERS													
ANTIMONY, TOTAL	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	0.00059 J	0.00089 J	< 0.00051	< 0.00051	< 0.00051	0.00087 J	< 0.00051	< 0.00051
ARSENIC, TOTAL	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
BARIUM, TOTAL	mg/L	0.026	0.021	0.065	0.022	0.031	0.016	0.021	0.025	0.015	0.011	0.022	0.036
BERYLLIUM, TOTAL	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	0.0016 J	0.0078	< 0.0015	0.0048	0.0084	0.0059	0.0064	< 0.0015	0.0040	0.0047	0.038	0.0020
COBALT, TOTAL	mg/L	< 0.00026	< 0.00026	0.0012 J	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	0.014
COPPER, TOTAL	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
LEAD, TOTAL	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
NICKEL, TOTAL	mg/L	0.0012	0.00065 J	0.00065 J	0.00056 J	< 0.00052	< 0.00052	0.00074 J	0.0033	0.0031	0.0025	< 0.00052	0.0069
SELENIUM, TOTAL	mg/L	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
SILVER, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
THALLIUM, TOTAL	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
VANADIUM, TOTAL	mg/L	0.0028	0.002	0.0011	0.0027	0.0073	0.018	0.019	0.0055	0.0031	0.0038	0.010	0.00095 J
ZINC, TOTAL	mg/L	< 0.0029	< 0.0029	0.0051	0.0032 J	< 0.0029	0.0039 J	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	0.015

- NOTES:
1. mg/L - Milligrams per Liter; SU - Standard Units.
 2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the method detection limit.
 3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
 4. H indicates parameter was analyzed outside of holding time.
 5. * indicates the analyte was resampled between October 25th and October 31st, 2022 and November 16th, 2022.

TABLE 5G
ANALYTICAL DATA SUMMARY SUPPLEMENTARY SAMPLING - AUGUST 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	GROUNDWATER MONITORING WELLS - CELL 1											
		GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
		8/25/2022	8/25/2022	8/24/2022	8/24/2022	8/26/2022	8/25/2022	8/25/2022	8/25/2022	8/25/2022	8/25/2022	8/25/2022	8/25/2022
MAJOR IONS													
ALKALINITY, BICARBONATE	mg/L	21	61	54 H	98 H	97 H	32	67	68	75	76	160	76
ALKALINITY, CARBONATE	mg/L	< 5.0	< 5.0	< 10 H	< 10 H	< 5.0 H	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
ALKALINITY, TOTAL	mg/L	21	61	54 H	98 H	97 H	32	67	68	75	76	160	76
MAGNESIUM	mg/L	2.3	3.9	3.4	8.8	7.6	3.2	10	19	8.9	7.3	18	9.9
POTASSIUM	mg/L	0.23 J	0.82	1.0	0.82	1.1	0.63	1.4	1.0	1.6	1.1	1.9	1.4
SODIUM	mg/L	5.5	8.6	9.7	9.3	8.6	4.7	12	13	11	8.8	12	9.2

Analyte	Units	GROUNDWATER MONITORING WELLS - PAC ASH CELL											
		GWA-21	GWA-22	GWA-45	GWA-46	GWA-47	GWA-48	GWA-49	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
		8/26/2022	8/26/2022	8/31/2022	8/31/2022	8/31/2022	8/31/2022	8/30/2022	8/31/2022	8/31/2022	8/31/2022	8/31/2022	8/31/2022
MAJOR IONS													
ALKALINITY, BICARBONATE	mg/L	46 H	41 H	27 H / 23*	31 H / 31*	67 H / 67*	63 H / 61*	77 H / 75*	91 H / 92*	23 H / 43*	37 H / 37*	46 H / 44*	17 H / 9.1*
ALKALINITY, CARBONATE	mg/L	< 5.0 H	< 5.0 H	< 5.0 H / <5.0 *	< 5.0 H / <5.0*	< 5.0 H / <5.0*	< 5.0 H / <5.0*	< 5.0 H / <5.0*	< 5.0 H / <5.0*	< 5.0 H / <5.0*	< 5.0 H / <5.0*	< 5.0 H / <5.0*	< 10 H / <5.0*
ALKALINITY, TOTAL	mg/L	46 H	41 H	27 H / 23*	31 H / 31*	67 H / 67*	63 H / 61*	77 H / 75*	91 H / 92*	23 H / 43*	37 H / 37*	46 H / 44*	17 H / 9.1*
MAGNESIUM	mg/L	4.3	2.6	9.7	3.0	5.4	5.4	7.0	10	3.4	4.8	11	10
POTASSIUM	mg/L	0.61	0.79	2.4	0.76	0.91	0.94	0.82	0.82	0.53	0.41 J	1.4	1.6
SODIUM	mg/L	8.9	5.3	52	4.7	7.3	6.0	6.5	6.7	5.4	4.7	9.0	52

NOTES:

1. mg/L - Milligrams per Liter; SU - Standard Units.
2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the method detection limit.
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
4. H indicates parameter was analyzed outside of holding time.
5. * indicates the analyte was resampled between October 25th and October 31st, 2022 and November 16th, 2022.

TABLE 5G
ANALYTICAL DATA SUMMARY SUPPLEMENTARY SAMPLING - AUGUST 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	GROUNDWATER MONITORING WELLS - CELL 1							
		GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
		8/25/2022	8/25/2022	8/26/2022	8/26/2022	8/26/2022	8/25/2022	8/25/2022	8/25/2022
MAJOR IONS									
ALKALINITY, BICARBONATE	mg/L	94	65	9.2	49 H	35 H	58	93	75
ALKALINITY, CARBONATE	mg/L	< 5.0	< 5.0	< 5.0	< 5.0 H	< 5.0 H	< 5.0	< 5.0	< 5.0
ALKALINITY, TOTAL	mg/L	94	65	9.2	49 H	35 H	58	93	75
MAGNESIUM	mg/L	9.8	6.5	0.91	4.5	3.4	5.0	8.3	6.4
POTASSIUM	mg/L	0.87	0.68	0.27 J	0.46 J	0.39 J	0.66	1.1	0.94
SODIUM	mg/L	8.6	4.7	2.5	5.8	3.2	7.2	8.9	6.6

NOTES:

1. mg/L - Milligrams per Liter; SU - Standard Units.
2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the method detection limit.
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
4. H indicates parameter was analyzed outside of holding time.
5. * indicates the analyte was resampled between October 25th and October 31st, 2022 and November 16th, 2022.

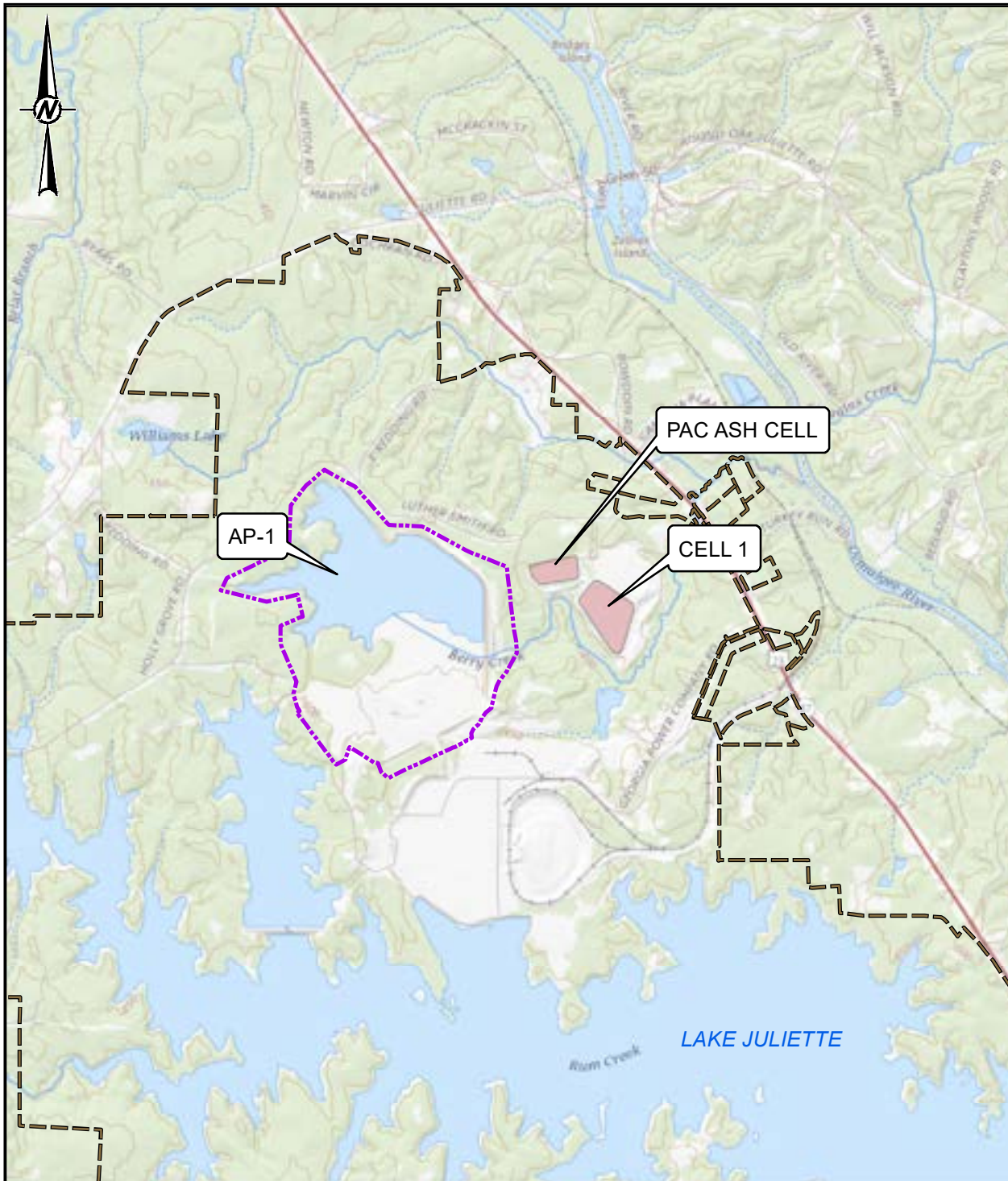
TABLE 5H
ANALYTICAL DATA SUMMARY - SURFACE WATER - AUGUST 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	SURFACE WATER SAMPLING LOCATIONS							
		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date:		8/30/2022	8/30/2022	8/30/2022	8/30/2022	8/30/2022	8/30/2022	8/30/2022	8/30/2022
FIELD MONITORING PARAMETERS									
pH	SU	7.89 / 9.00*	7.29 / 7.33*	7.23 / 6.86* / 6.50*	7.71 / 7.45*	7.27 / 7.17*	7.97 / 7.41*	8.09 / 7.48*	7.31 / 6.93* / 6.59*
ORP	millivolts	99.4	12.5	17.4	80.4	52.3	25.7	51.9	28.7
SPECIFIC CONDUCTANCE	uS/cm	618.55	648.15	281.25	407.73	314.71	142.55	589.44	472.00
DISSOLVED OXYGEN	mg/L	7.15	7.30	7.37	7.34	4.18	7.68	7.08	6.76
TEMPERATURE	C	27.34	25.44	25.74	24.96	25.07	25.27	28.44	26.63
TURBIDITY	NTU	4.68	4.37	5.35	3.60	1.06	6.67	2.99	3.95
APPENDIX III									
BORON, TOTAL	mg/L	0.13	1.4	0.62	0.62	0.080	< 0.060	0.40	0.89
CALCIUM, TOTAL	mg/L	26	40	14	26	31	11	26	29
CHLORIDE, TOTAL	mg/L	33	13	11	9.2	9.0	2.5	32	11
FLUORIDE, TOTAL	mg/L	0.64	0.070 J	0.047 J	0.060 J	0.31	0.12	0.58	0.061 J
SULFATE, TOTAL	mg/L	120	220	66	100	26	1.3	120	140
TOTAL DISSOLVED SOLIDS	mg/L	370 H / 310*	460 H / 450*	180 H / 150 H / 250*	270 H / 240*	210 H / 180*	100 H / 110*	370 H / 230*	330 H / 310 H / 280*
STATE REQUIRED INORGANICS									
CHEMICAL OXYGEN DEMAND	mg/L	30	< 9.1	< 9.1	N/S	N/S	N/S	20	N/S
CYANIDE, TOTAL	mg/L	< 0.0080	< 0.0080	< 0.0080	N/S	N/S	N/S	< 0.0080	N/S
TOTAL ORGANIC CARBON	mg/L	8.3 H / 4.7*	1.8 H / 2.0*	0.91 JH / 1.2*	N/S	N/S	N/S	7.1 H / 3.3*	N/S
STATE REQUIRED METALS									
ANTIMONY, TOTAL	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
ARSENIC, TOTAL	mg/L	0.0012	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	0.0010	< 0.00028
BARIUM, TOTAL	mg/L	0.099	0.076	0.042	0.050	0.029	0.024	0.10	0.064
BERYLLIUM, TOTAL	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
COBALT, TOTAL	mg/L	< 0.00026	0.0053	0.0032	0.0013 J	0.00048 J	0.00089 J	0.00043 J	0.0038
COPPER, TOTAL	mg/L	0.0055	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0063	< 0.0011
LEAD, TOTAL	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
NICKEL, TOTAL	mg/L	0.012	0.0011	0.0011	0.00068 J	0.00087 J	0.0014	0.0038	0.00074 J
SELENIUM, TOTAL	mg/L	0.0017 J	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	0.0014 J	< 0.00074
SILVER, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
THALLIUM, TOTAL	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
VANADIUM, TOTAL	mg/L	0.0040	0.00083 J	0.0019	0.0015	0.0020	0.0029	0.0052	0.0015
ZINC, TOTAL	mg/L	0.0035 J	< 0.0029	0.0033 J	< 0.0029	< 0.0029	0.0063	0.0051	0.0096
MAJOR IONS									
TOTAL ALKALINITY as CaCO3	mg/L	93 H / 73*	59 H / 55*	37 H / 43*	64 H / 63*	110 H / 100*	62	91	60
BICARBONATE ALKALINITY as CaCO3	mg/L	93 H / 49*	59 H / 55*	37 H / 43*	64 H / 63*	110 H / 100*	62	91	60
CARBONATE ALKALINITY as CaCO3	mg/L	<5.0 H / 25*	< 5.0 H / < 5.0*	< 5.0 H / < 5.0*	< 5.0 H / < 5.0*	< 5.0 H / < 5.0*	< 5.0	< 5.0	< 5.0
MAGNESIUM	mg/L	14	22	8.9	14	10	5.7	15	16
POTASSIUM	mg/L	11	1.6	1.5	1.4	2.6	1.0	11	1.4
SODIUM	mg/L	62	47	23	27	8.9	6.3	63	34

NOTES:

1. mg/L - Milligrams per Liter; SU - Standard Units; mV - millivolts; C - degrees Celsius; NTU - Nephelometric Turbidity Unit; us/cm - microsiemens per centimeter.
2. Dissolved Oxygen Screening Limit: A
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
4. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the method detection limit.
5. N/S - Not sampled as per the site D&O Plan; SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC).
6. * indicates the analyte was resampled between October 25th and October 31st, 2022 and November 16th, 2022.

Figures



LEGEND

- PROPERTY BOUNDARY
- AP-1 PERMIT BOUNDARY

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



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER
 JULIETTE, GEORGIA



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

TITLE
SITE LOCATION MAP

CONSULTANT



YYYY-MM-DD 2021-08-03

PREPARED DJC

DESIGN DJC

CHECKED DLP

REVIEWED/APPROVED RPK

PROJECT No.
 166235022

CONTROL
 166235021AE000-GIS.mxd

Rev.
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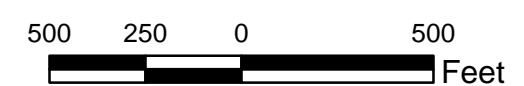
FIGURE
 1

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



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

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



CLIENT GEORGIA POWER COMPANY PLANT SCHERER JULIETTE, GEORGIA			
PROJECT 2021 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT PLANT SCHERER CELL 1 AND PAC ASH CELL			
TITLE SITE PLAN AND DETECTION MONITORING WELL LOCATION MAP			
CONSULTANT	YYYY-MM-DD	2021-07-06	
	PREPARED	DJC	
	DESIGN	DH	
	REVIEW	DLP	
	APPROVED	RPK	
PROJECT No. 166235021	CONTROL 166235021AB004-GIS.mxd	Rev. 0	FIGURE 2

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

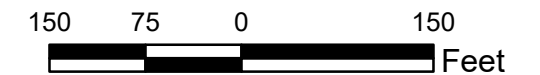
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM ANSIB



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

- NOTES**
1. GROUNDWATER ELEVATION MEASUREMENTS OBTAINED FEBRUARY 8, 2021 BY GOLDER ASSOCIATES.
 2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
 3. DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE GROUNDWATER CONTOURS.
 4. PZ-50D IS NOT SHOWN; ITS LOCATION IS BEYOND THE MAPPED LIMITS.
 5. PZ-46D* AND PZ-67D* WERE NOT USED FOR CONTOURING.

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



CLIENT
 GEORGIA POWER COMPANY
 PLANT SCHERER
 JULIETTE, GEORGIA



PROJECT
 2022 ANNUAL GROUNDWATER MONITORING
 AND CORRECTIVE ACTION REPORT

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

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

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



- LEGEND**
- CELL 1 LANDFILL MONITORING WELL
 - CELL 3 LANDFILL MONITORING WELL
 - PAC ASH LANDFILL MONITORING WELL
 - SURFACE WATER SAMPLING LOCATION
 - INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
 - STREAM
 - PROPERTY BOUNDARY

- NOTES**
1. GROUNDWATER ELEVATION MEASUREMENTS OBTAINED FEBRUARY 8, 2022 BY GOLDER ASSOCIATES.
 2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
 3. DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE GROUNDWATER CONTOURS.
 4. PZ-50D IS NOT SHOWN; ITS LOCATION IS BEYOND THE MAPPED LIMITS.
 5. PZ-46D* AND PZ-67D* WERE NOT USED FOR CONTOURING.

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



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER
 JULIETTE, GEORGIA



PROJECT
**2022 ANNUAL GROUNDWATER MONITORING
 AND CORRECTIVE ACTION REPORT**

TITLE
**POTENTIOMETRIC SURFACE MAP - CELL 1
 FEBRUARY 8, 2022**

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

PROJECT No. **GL166235021** CONTROL **GL166235021A003-GIS.mxd** Rev. **0** FIGURE **3B**

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



LEGEND

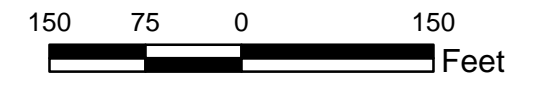
- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- SURFACE WATER SAMPLING LOCATION
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- STREAM
- PROPERTY BOUNDARY

NOTES

- GROUNDWATER ELEVATION MEASUREMENTS OBTAINED AUGUST 16, 2022 BY GOLDER ASSOCIATES.
- GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
- DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE GROUNDWATER CONTOURS.

REFERENCE

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



CLIENT
 GEORGIA POWER COMPANY
 PLANT SCHERER
 JULIETTE, GEORGIA



PROJECT
 2022 ANNUAL GROUNDWATER MONITORING
 AND CORRECTIVE ACTION REPORT

TITLE
POTENTIOMETRIC SURFACE MAP - PAC ASH CELL
AUGUST 16, 2022

CONSULTANT	YYYY-MM-DD	2022-10-13
	PREPARED	DJC
	DESIGN	DLP
	REVIEW	DLP
	APPROVED	RPK

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



- LEGEND**
- CELL 1 LANDFILL MONITORING WELL
 - CELL 3 LANDFILL MONITORING WELL
 - PAC ASH LANDFILL MONITORING WELL
 - SURFACE WATER SAMPLING LOCATION
 - INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
 - STREAM
 - PROPERTY BOUNDARY
 - NM NOT MEASURED

- NOTES**
1. GROUNDWATER ELEVATION MEASUREMENTS OBTAINED AUGUST 16, 2022 BY GOLDER ASSOCIATES.
 2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
 3. DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE GROUNDWATER CONTOURS.
 4. GWC-12* WAS NOT USED FOR CONTOURING.

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



CLIENT
 GEORGIA POWER COMPANY
 PLANT SCHERER
 JULIETTE, GEORGIA



PROJECT
 2022 ANNUAL GROUNDWATER MONITORING
 AND CORRECTIVE ACTION REPORT

TITLE
POTENTIOMETRIC SURFACE MAP - CELL 1
AUGUST 16, 2022

CONSULTANT	YYYY-MM-DD	2022-10-13
	PREPARED	DJC
	DESIGN	DLP
	REVIEW	DLP
	APPROVED	RPK

PROJECT No. GL166235021 CONTROL GL166235021A006-GIS.mxd Rev. 0 FIGURE 3D

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

APPENDIX A

Field Data Forms and Instrument Calibration Forms

APPENDIX A

Field Data Forms
February 2022

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-1 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 28.72 ft Total Depth: 38.72 ft Initial Depth to Water: 7.8 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 33 ft Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.11 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/15/2022 12:41 PM	00:00	7.03 pH	20.11 °C	188.19 µS/cm	7.80 mg/L	1.70 NTU	105.8 mV	7.80 ft	200.00 ml/min
2/15/2022 12:46 PM	05:00	6.86 pH	18.97 °C	192.25 µS/cm	5.78 mg/L	1.08 NTU	103.7 mV	7.88 ft	200.00 ml/min
2/15/2022 12:51 PM	10:00	6.84 pH	19.08 °C	192.23 µS/cm	5.29 mg/L	1.04 NTU	101.9 mV	7.89 ft	200.00 ml/min
2/15/2022 12:56 PM	15:00	6.84 pH	18.97 °C	193.07 µS/cm	4.96 mg/L	1.80 NTU	105.6 mV	7.89 ft	200.00 ml/min
2/15/2022 1:01 PM	20:00	6.83 pH	19.18 °C	194.44 µS/cm	4.88 mg/L	0.51 NTU	99.8 mV	7.91 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWC-2 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 48.74 ft Total Depth: 58.74 ft Initial Depth to Water: 11.91 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 50.18 Pump Intake From TOC: 50.18 ft Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 1.59 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

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

Samples

Sample ID:	Description:
GWC-2	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

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

Test Notes:

Low-Flow Readings:

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

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

Samples

Sample ID:	Description:
GWC-3	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWC-4 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 33.41 ft Total Depth: 43.41 ft Initial Depth to Water: 31.67 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 35.01 ft Pump Intake From TOC: 35.01 ft Estimated Total Volume Pumped: 3750 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.36 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

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

Samples

Sample ID:	Description:
GWC-4	EB-6

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-5 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 24.16 ft Total Depth: 34.16 ft Initial Depth to Water: 18.84 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 25.34 Pump Intake From TOC: 25.34 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/15/2022 1:40 PM	00:00	6.16 pH	19.61 °C	435.92 µS/cm	4.48 mg/L	38.40 NTU	104.7 mV	18.84 ft	200.00 ml/min
2/15/2022 1:45 PM	05:00	6.15 pH	19.48 °C	444.22 µS/cm	3.95 mg/L	17.50 NTU	103.1 mV	19.10 ft	200.00 ml/min
2/15/2022 1:50 PM	10:00	6.16 pH	19.36 °C	444.86 µS/cm	3.93 mg/L	10.90 NTU	102.5 mV	19.10 ft	200.00 ml/min
2/15/2022 1:55 PM	15:00	6.15 pH	19.20 °C	447.73 µS/cm	3.94 mg/L	8.47 NTU	102.4 mV	19.12 ft	200.00 ml/min
2/15/2022 2:00 PM	20:00	6.15 pH	19.04 °C	446.05 µS/cm	3.93 mg/L	4.57 NTU	107.8 mV	19.10 ft	200.00 ml/min
2/15/2022 2:05 PM	25:00	6.16 pH	19.14 °C	447.09 µS/cm	3.92 mg/L	3.62 NTU	101.9 mV	19.10 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWC-6 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 38.5 ft Total Depth: 48.5 ft Initial Depth to Water: 37.79 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 39.98 ft Pump Intake From TOC: 39.98 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.02 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

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

Samples

Sample ID:	Description:
GWC-6	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWC-7 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 48.72 ft Total Depth: 58.72 ft Initial Depth to Water: 41.39 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 50.46 ft Pump Intake From TOC: 50.46 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.63 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

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

Samples

Sample ID:	Description:
GWC-7	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-8A Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 37.5 ft Total Depth: 47.5 ft Initial Depth to Water: 22.04 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 42.5 ft Pump Intake From TOC: 42.5 ft Estimated Total Volume Pumped: 8750 ml Flow Cell Volume: 90 ml Final Flow Rate: 175 ml/min Final Draw Down: 0.35 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

DUP-6

Weather Conditions:

Clear 34

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/15/2022 8:38 AM	00:00	6.93 pH	10.10 °C	468.41 µS/cm	6.34 mg/L	1.55 NTU	136.8 mV	22.30 ft	175.00 ml/min
2/15/2022 8:43 AM	05:00	6.29 pH	16.58 °C	583.39 µS/cm	0.66 mg/L	1.84 NTU	36.6 mV	22.35 ft	175.00 ml/min
2/15/2022 8:48 AM	10:00	6.30 pH	17.55 °C	578.87 µS/cm	0.48 mg/L	2.93 NTU	21.3 mV	22.40 ft	175.00 ml/min
2/15/2022 8:53 AM	15:00	6.31 pH	17.93 °C	571.67 µS/cm	0.43 mg/L	2.43 NTU	14.0 mV	22.39 ft	175.00 ml/min
2/15/2022 8:58 AM	20:00	6.32 pH	18.10 °C	568.09 µS/cm	0.35 mg/L	2.87 NTU	10.7 mV	22.40 ft	175.00 ml/min
2/15/2022 9:03 AM	25:00	6.33 pH	18.26 °C	565.13 µS/cm	0.30 mg/L	2.70 NTU	8.3 mV	22.40 ft	175.00 ml/min
2/15/2022 9:08 AM	30:00	6.33 pH	18.26 °C	562.98 µS/cm	0.25 mg/L	2.32 NTU	8.6 mV	22.40 ft	175.00 ml/min
2/15/2022 9:13 AM	35:00	6.33 pH	17.81 °C	567.56 µS/cm	0.23 mg/L	2.50 NTU	6.3 mV	22.40 ft	175.00 ml/min
2/15/2022 9:18 AM	40:00	6.33 pH	17.77 °C	568.30 µS/cm	0.21 mg/L	2.44 NTU	7.3 mV	22.39 ft	175.00 ml/min
2/15/2022 9:23 AM	45:00	6.34 pH	17.77 °C	565.39 µS/cm	0.21 mg/L	2.55 NTU	5.3 mV	22.39 ft	175.00 ml/min
2/15/2022 9:28 AM	50:00	6.34 pH	17.87 °C	561.53 µS/cm	0.19 mg/L	2.35 NTU	7.0 mV	22.39 ft	175.00 ml/min

Samples

Sample ID:	Description:
GWC-8A	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10.25 ft Total Depth: 20.25 ft Initial Depth to Water: 6.58 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 15 ft Pump Intake From TOC: 15 ft Estimated Total Volume Pumped: 10415 ml Flow Cell Volume: 90 ml Final Flow Rate: 225 ml/min Final Draw Down: 0.57 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Clear / 40

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/15/2022 10:02 AM	00:00	7.37 pH	15.33 °C	201.82 µS/cm	7.64 mg/L	4.84 NTU	31.9 mV	6.95 ft	275.00 ml/min
2/15/2022 10:07 AM	05:00	6.73 pH	15.39 °C	198.45 µS/cm	3.19 mg/L	24.40 NTU	41.0 mV	7.15 ft	233.00 ml/min
2/15/2022 10:12 AM	10:00	6.68 pH	15.38 °C	202.07 µS/cm	2.67 mg/L	24.10 NTU	49.0 mV	7.14 ft	225.00 ml/min
2/15/2022 10:17 AM	15:00	6.65 pH	15.40 °C	204.00 µS/cm	2.53 mg/L	14.10 NTU	51.1 mV	7.15 ft	225.00 ml/min
2/15/2022 10:22 AM	20:00	6.64 pH	15.46 °C	203.70 µS/cm	2.45 mg/L	12.30 NTU	46.4 mV	7.15 ft	225.00 ml/min
2/15/2022 10:27 AM	25:00	6.63 pH	15.49 °C	205.58 µS/cm	2.41 mg/L	11.30 NTU	53.9 mV	7.15 ft	225.00 ml/min
2/15/2022 10:32 AM	30:00	6.62 pH	15.49 °C	204.49 µS/cm	2.35 mg/L	5.47 NTU	48.3 mV	7.15 ft	225.00 ml/min
2/15/2022 10:37 AM	35:00	6.62 pH	15.49 °C	206.69 µS/cm	2.34 mg/L	5.22 NTU	55.7 mV	7.15 ft	225.00 ml/min
2/15/2022 10:42 AM	40:00	6.61 pH	15.53 °C	207.28 µS/cm	2.29 mg/L	3.20 NTU	56.9 mV	7.15 ft	225.00 ml/min
2/15/2022 10:47 AM	45:00	6.61 pH	15.56 °C	207.94 µS/cm	2.26 mg/L	2.65 NTU	57.7 mV	7.15 ft	225.00 ml/min

Samples

Sample ID:	Description:
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GWC-9	
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Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30.65 ft Total Depth: 40.65 ft Initial Depth to Water: 9.85 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 35 ft Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 5460 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.13 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/15/2022 2:30 PM	00:00	6.76 pH	17.81 °C	195.32 µS/cm	5.34 mg/L	1.18 NTU	102.6 mV	9.85 ft	150.00 ml/min
2/15/2022 2:35 PM	05:00	6.59 pH	17.63 °C	197.87 µS/cm	3.11 mg/L	1.17 NTU	100.8 mV	9.87 ft	150.00 ml/min
2/15/2022 2:40 PM	10:00	6.52 pH	17.45 °C	200.03 µS/cm	1.74 mg/L	2.04 NTU	100.0 mV	9.90 ft	150.00 ml/min
2/15/2022 2:45 PM	15:00	6.49 pH	17.44 °C	199.39 µS/cm	1.11 mg/L	1.68 NTU	105.3 mV	9.93 ft	180.00 ml/min
2/15/2022 2:50 PM	20:00	6.49 pH	17.51 °C	200.72 µS/cm	0.90 mg/L	1.26 NTU	98.4 mV	9.97 ft	180.00 ml/min
2/15/2022 2:53 PM	22:50	6.48 pH	17.14 °C	203.81 µS/cm	0.82 mg/L	1.26 NTU	98.8 mV	9.97 ft	180.00 ml/min
2/15/2022 2:58 PM	27:50	6.48 pH	17.35 °C	203.32 µS/cm	0.72 mg/L	1.35 NTU	102.7 mV	9.97 ft	180.00 ml/min
2/15/2022 3:03 PM	32:50	6.48 pH	17.72 °C	202.71 µS/cm	0.68 mg/L	1.27 NTU	96.6 mV	9.98 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-11 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 24.54 ft Total Depth: 34.54 ft Initial Depth to Water: 16.5 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 28 ft Pump Intake From TOC: 28 ft Estimated Total Volume Pumped: 33325 ml Flow Cell Volume: 90 ml Final Flow Rate: 350 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Cloudy / 43

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/16/2022 8:55 AM	00:00	6.90 pH	11.43 °C	174.49 µS/cm	7.40 mg/L	2.28 NTU	182.7 mV	16.72 ft	300.00 ml/min
2/16/2022 9:00 AM	05:00	6.11 pH	16.62 °C	145.11 µS/cm	1.31 mg/L	21.00 NTU	155.8 mV	16.73 ft	300.00 ml/min
2/16/2022 9:05 AM	10:00	6.11 pH	16.83 °C	144.90 µS/cm	1.06 mg/L	10.60 NTU	150.1 mV	16.70 ft	250.00 ml/min
2/16/2022 9:10 AM	15:00	6.11 pH	16.93 °C	143.76 µS/cm	1.01 mg/L	16.50 NTU	146.5 mV	16.72 ft	250.00 ml/min
2/16/2022 9:15 AM	20:00	6.12 pH	16.70 °C	143.20 µS/cm	0.99 mg/L	13.20 NTU	143.5 mV	16.68 ft	200.00 ml/min
2/16/2022 9:20 AM	25:00	6.13 pH	16.56 °C	143.66 µS/cm	1.00 mg/L	15.00 NTU	140.1 mV	16.65 ft	200.00 ml/min
2/16/2022 9:25 AM	30:00	6.13 pH	16.57 °C	143.51 µS/cm	1.00 mg/L	19.00 NTU	137.2 mV	16.62 ft	200.00 ml/min
2/16/2022 9:30 AM	35:00	6.14 pH	16.47 °C	142.91 µS/cm	0.98 mg/L	16.00 NTU	134.1 mV	16.61 ft	175.00 ml/min
2/16/2022 9:35 AM	40:00	6.14 pH	16.47 °C	143.24 µS/cm	0.99 mg/L	15.90 NTU	131.4 mV	16.60 ft	140.00 ml/min
2/16/2022 9:40 AM	45:00	6.12 pH	16.52 °C	143.49 µS/cm	0.99 mg/L	15.90 NTU	129.4 mV	16.60 ft	140.00 ml/min
2/16/2022 9:45 AM	50:00	6.12 pH	16.56 °C	143.41 µS/cm	0.99 mg/L	15.30 NTU	126.4 mV	16.60 ft	140.00 ml/min
2/16/2022 9:50 AM	55:00	6.15 pH	16.56 °C	142.48 µS/cm	0.99 mg/L	15.60 NTU	123.1 mV	16.60 ft	140.00 ml/min
2/16/2022 9:55 AM	01:00:00	6.15 pH	16.20 °C	142.44 µS/cm	1.06 mg/L	14.20 NTU	121.6 mV	16.58 ft	110.00 ml/min

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

Samples

Sample ID:	Description:
GWC-11	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-12 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 27.82 ft Total Depth: 37.82 ft Initial Depth to Water: 22.95 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 32 ft Pump Intake From TOC: 32 ft Estimated Total Volume Pumped: 4700 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.24 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Windy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/16/2022 12:16 PM	00:00	6.84 pH	19.37 °C	30.95 µS/cm	8.16 mg/L	2.71 NTU	100.6 mV	23.07 ft	100.00 ml/min
2/16/2022 12:21 PM	05:00	5.11 pH	18.12 °C	28.18 µS/cm	2.98 mg/L	1.58 NTU	108.9 mV	23.18 ft	120.00 ml/min
2/16/2022 12:26 PM	10:00	5.09 pH	18.26 °C	28.51 µS/cm	2.61 mg/L	3.86 NTU	110.8 mV	23.18 ft	120.00 ml/min
2/16/2022 12:31 PM	15:00	5.10 pH	18.09 °C	28.86 µS/cm	2.58 mg/L	3.65 NTU	111.9 mV	23.20 ft	120.00 ml/min
2/16/2022 12:36 PM	20:00	5.10 pH	18.17 °C	28.95 µS/cm	2.51 mg/L	2.97 NTU	113.3 mV	23.20 ft	120.00 ml/min
2/16/2022 12:41 PM	25:00	5.09 pH	18.10 °C	29.05 µS/cm	2.46 mg/L	3.20 NTU	114.5 mV	23.20 ft	120.00 ml/min
2/16/2022 12:46 PM	30:00	5.10 pH	18.03 °C	29.26 µS/cm	2.51 mg/L	2.67 NTU	115.0 mV	23.20 ft	120.00 ml/min
2/16/2022 12:51 PM	35:00	5.11 pH	17.99 °C	29.38 µS/cm	2.55 mg/L	2.65 NTU	115.4 mV	23.19 ft	120.00 ml/min
2/16/2022 12:56 PM	40:00	5.11 pH	17.99 °C	29.38 µS/cm	2.57 mg/L	2.22 NTU	116.0 mV	23.19 ft	120.00 ml/min

Samples

Sample ID:	Description:
GWC-12	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: GWC-13 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 34.2 ft Total Depth: 44.2 ft Initial Depth to Water: 28.27 ft	Pump Type: QED well wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 39 ft Pump Intake From TOC: 39 ft Estimated Total Volume Pumped: 7500 ml Flow Cell Volume: 90 ml Final Flow Rate: 300 ml/min Final Draw Down: 0.14 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/16/2022 9:00 AM	00:00	7.34 pH	15.40 °C	90.13 µS/cm	5.37 mg/L	0.73 NTU	108.4 mV	28.27 ft	300.00 ml/min
2/16/2022 9:05 AM	05:00	6.16 pH	17.30 °C	85.95 µS/cm	3.94 mg/L	0.54 NTU	93.4 mV	28.35 ft	300.00 ml/min
2/16/2022 9:10 AM	10:00	5.89 pH	17.44 °C	89.67 µS/cm	3.56 mg/L	0.60 NTU	89.2 mV	28.41 ft	300.00 ml/min
2/16/2022 9:15 AM	15:00	5.79 pH	17.55 °C	91.19 µS/cm	3.45 mg/L	0.70 NTU	89.3 mV	28.41 ft	300.00 ml/min
2/16/2022 9:20 AM	20:00	5.79 pH	17.62 °C	91.67 µS/cm	3.41 mg/L	1.19 NTU	88.4 mV	28.41 ft	300.00 ml/min
2/16/2022 9:25 AM	25:00	5.79 pH	17.66 °C	89.77 µS/cm	3.48 mg/L	0.61 NTU	86.0 mV	28.41 ft	300.00 ml/min

Samples

Sample ID:	Description:
GWC-13	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: GWC-14 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17.5 ft Total Depth: 27.5 ft Initial Depth to Water: 11.7 ft	Pump Type: QED well wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 22 ft Pump Intake From TOC: 22 ft Estimated Total Volume Pumped: 24860 ml Flow Cell Volume: 90 ml Final Flow Rate: 300 ml/min Final Draw Down: 0.05 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/16/2022 9:54 AM	00:00	5.81 pH	16.63 °C	72.18 µS/cm	2.82 mg/L	15.10 NTU	81.1 mV	11.70 ft	300.00 ml/min
2/16/2022 9:59 AM	05:00	5.56 pH	17.22 °C	71.05 µS/cm	0.97 mg/L	27.50 NTU	80.8 mV	11.75 ft	300.00 ml/min
2/16/2022 10:04 AM	10:00	5.55 pH	17.36 °C	71.30 µS/cm	0.91 mg/L	20.70 NTU	80.0 mV	11.75 ft	300.00 ml/min
2/16/2022 10:09 AM	15:00	5.55 pH	17.39 °C	71.44 µS/cm	0.79 mg/L	15.50 NTU	80.4 mV	11.75 ft	300.00 ml/min
2/16/2022 10:14 AM	20:00	5.56 pH	17.44 °C	71.35 µS/cm	0.80 mg/L	10.90 NTU	79.3 mV	11.75 ft	300.00 ml/min
2/16/2022 10:19 AM	25:00	5.56 pH	17.44 °C	71.92 µS/cm	0.75 mg/L	7.86 NTU	79.1 mV	11.75 ft	300.00 ml/min
2/16/2022 10:21 AM	27:52	5.56 pH	17.44 °C	69.73 µS/cm	0.77 mg/L	7.86 NTU	79.3 mV	11.75 ft	300.00 ml/min
2/16/2022 10:26 AM	32:52	5.56 pH	17.39 °C	71.91 µS/cm	0.79 mg/L	7.26 NTU	79.0 mV	11.75 ft	300.00 ml/min
2/16/2022 10:31 AM	37:52	5.57 pH	17.42 °C	71.54 µS/cm	0.81 mg/L	6.90 NTU	78.8 mV	11.75 ft	300.00 ml/min
2/16/2022 10:36 AM	42:52	5.57 pH	17.49 °C	71.78 µS/cm	0.80 mg/L	5.90 NTU	78.9 mV	11.75 ft	300.00 ml/min
2/16/2022 10:41 AM	47:52	5.58 pH	17.53 °C	71.87 µS/cm	0.82 mg/L	6.24 NTU	78.3 mV	11.75 ft	300.00 ml/min
2/16/2022 10:46 AM	52:52	5.58 pH	17.55 °C	71.98 µS/cm	0.87 mg/L	5.67 NTU	78.7 mV	11.75 ft	300.00 ml/min
2/16/2022 10:51 AM	57:52	5.59 pH	17.53 °C	72.16 µS/cm	0.84 mg/L	5.22 NTU	78.2 mV	11.75 ft	300.00 ml/min
2/16/2022 10:56 AM	01:02:52	5.59 pH	17.57 °C	72.19 µS/cm	0.81 mg/L	5.22 NTU	78.1 mV	11.75 ft	300.00 ml/min
2/16/2022 11:01 AM	01:07:52	5.59 pH	17.62 °C	72.30 µS/cm	0.79 mg/L	3.20 NTU	78.3 mV	11.75 ft	300.00 ml/min

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

Samples

Sample ID:	Description:
GWC-14	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Duane Fulton

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

Weather Conditions:

Clear / 53

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/15/2022 11:57 AM	00:00	6.20 pH	19.84 °C	72.48 µS/cm	5.07 mg/L	3.45 NTU	73.4 mV	9.82 ft	200.00 ml/min
2/15/2022 12:02 PM	05:00	5.41 pH	18.03 °C	70.81 µS/cm	0.87 mg/L	20.30 NTU	93.6 mV	9.98 ft	225.00 ml/min
2/15/2022 12:07 PM	10:00	5.41 pH	17.99 °C	71.14 µS/cm	0.72 mg/L	7.39 NTU	96.8 mV	9.98 ft	225.00 ml/min
2/15/2022 12:12 PM	15:00	5.41 pH	17.99 °C	71.32 µS/cm	0.59 mg/L	3.68 NTU	98.4 mV	9.98 ft	225.00 ml/min
2/15/2022 12:17 PM	20:00	5.41 pH	18.00 °C	71.33 µS/cm	0.38 mg/L	3.61 NTU	99.3 mV	9.98 ft	225.00 ml/min
2/15/2022 12:22 PM	25:00	5.42 pH	17.96 °C	71.44 µS/cm	0.28 mg/L	2.55 NTU	99.6 mV	9.98 ft	225.00 ml/min
2/15/2022 12:27 PM	30:00	5.41 pH	17.88 °C	71.61 µS/cm	0.27 mg/L	1.79 NTU	100.4 mV	9.97 ft	225.00 ml/min
2/15/2022 12:32 PM	35:00	5.40 pH	17.81 °C	71.79 µS/cm	0.24 mg/L	1.25 NTU	100.8 mV	9.97 ft	225.00 ml/min

Samples

Sample ID:	Description:
GWA-15	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWA-16 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 47.93 ft Total Depth: 57.93 ft Initial Depth to Water: 30.6 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 53 ft Pump Intake From TOC: 53 ft Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.18 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Clear / 53

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/15/2022 1:06 PM	00:00	6.17 pH	20.44 °C	107.06 µS/cm	6.61 mg/L	1.72 NTU	96.6 mV	30.75 ft	200.00 ml/min
2/15/2022 1:11 PM	05:00	6.43 pH	18.27 °C	126.59 µS/cm	5.74 mg/L	0.79 NTU	96.6 mV	30.75 ft	200.00 ml/min
2/15/2022 1:16 PM	10:00	6.43 pH	18.17 °C	127.75 µS/cm	5.74 mg/L	0.77 NTU	94.0 mV	30.78 ft	200.00 ml/min
2/15/2022 1:21 PM	15:00	6.44 pH	18.15 °C	127.96 µS/cm	5.74 mg/L	0.84 NTU	90.9 mV	30.79 ft	200.00 ml/min
2/15/2022 1:26 PM	20:00	6.43 pH	18.19 °C	128.14 µS/cm	5.73 mg/L	0.99 NTU	89.1 mV	30.78 ft	200.00 ml/min
2/15/2022 1:31 PM	25:00	6.44 pH	18.21 °C	128.18 µS/cm	5.71 mg/L	1.02 NTU	87.1 mV	30.78 ft	200.00 ml/min
2/15/2022 1:36 PM	30:00	6.46 pH	18.17 °C	128.26 µS/cm	5.71 mg/L	0.98 NTU	84.9 mV	30.78 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWA-16	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWA-17 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 36.76 ft Total Depth: 46.76 ft Initial Depth to Water: 29.49 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 41.76 ft Pump Intake From TOC: 41.76 ft Estimated Total Volume Pumped: 6875 ml Flow Cell Volume: 90 ml Final Flow Rate: 275 ml/min Final Draw Down: 0.38 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Clear / 58

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/15/2022 2:08 PM	00:00	6.42 pH	19.03 °C	100.34 µS/cm	6.86 mg/L	0.91 NTU	91.6 mV	29.80 ft	275.00 ml/min
2/15/2022 2:13 PM	05:00	6.18 pH	18.62 °C	99.90 µS/cm	7.12 mg/L	2.84 NTU	88.1 mV	29.83 ft	275.00 ml/min
2/15/2022 2:18 PM	10:00	6.19 pH	18.58 °C	103.79 µS/cm	7.10 mg/L	1.67 NTU	87.0 mV	29.83 ft	275.00 ml/min
2/15/2022 2:23 PM	15:00	6.20 pH	18.57 °C	107.09 µS/cm	7.04 mg/L	1.61 NTU	86.5 mV	29.85 ft	275.00 ml/min
2/15/2022 2:28 PM	20:00	6.19 pH	18.58 °C	108.42 µS/cm	7.05 mg/L	1.70 NTU	86.7 mV	29.85 ft	275.00 ml/min
2/15/2022 2:33 PM	25:00	6.20 pH	18.62 °C	109.14 µS/cm	7.02 mg/L	0.89 NTU	86.0 mV	29.87 ft	275.00 ml/min

Samples

Sample ID:	Description:
GWA-17	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-18 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 61.25 ft Total Depth: 71.25 ft Initial Depth to Water: 33.47 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 62.46 ft Pump Intake From TOC: 62.46 ft Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.94 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/16/2022 11:06 AM	00:00	6.64 pH	19.26 °C	117.27 µS/cm	6.63 mg/L	3.17 NTU	52.7 mV	33.47 ft	200.00 ml/min
2/16/2022 11:11 AM	05:00	6.64 pH	19.08 °C	117.39 µS/cm	7.04 mg/L	2.55 NTU	50.3 mV	34.40 ft	200.00 ml/min
2/16/2022 11:16 AM	10:00	6.54 pH	19.28 °C	116.65 µS/cm	7.03 mg/L	1.77 NTU	55.8 mV	34.40 ft	200.00 ml/min
2/16/2022 11:21 AM	15:00	6.59 pH	19.33 °C	102.15 µS/cm	6.98 mg/L	4.04 NTU	56.6 mV	34.40 ft	200.00 ml/min
2/16/2022 11:26 AM	20:00	6.60 pH	19.29 °C	116.68 µS/cm	6.92 mg/L	3.29 NTU	53.5 mV	34.41 ft	200.00 ml/min
2/16/2022 11:31 AM	25:00	6.61 pH	19.36 °C	116.86 µS/cm	6.99 mg/L	3.82 NTU	53.8 mV	34.41 ft	200.00 ml/min
2/16/2022 11:36 AM	30:00	6.54 pH	19.51 °C	116.40 µS/cm	6.90 mg/L	3.78 NTU	57.7 mV	34.41 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-19 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 52.75 ft Total Depth: 62.75 ft Initial Depth to Water: 37.29 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 54.51 ft Pump Intake From TOC: 54.51 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.56 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/16/2022 10:16 AM	00:00	6.41 pH	19.09 °C	176.86 µS/cm	5.69 mg/L	0.75 NTU	54.0 mV	37.29 ft	200.00 ml/min
2/16/2022 10:21 AM	05:00	6.41 pH	19.22 °C	175.01 µS/cm	5.46 mg/L	0.25 NTU	55.7 mV	38.85 ft	200.00 ml/min
2/16/2022 10:26 AM	10:00	6.45 pH	19.19 °C	173.97 µS/cm	5.44 mg/L	0.21 NTU	57.7 mV	38.85 ft	200.00 ml/min
2/16/2022 10:31 AM	15:00	6.46 pH	19.32 °C	174.07 µS/cm	5.44 mg/L	0.16 NTU	54.2 mV	38.86 ft	200.00 ml/min
2/16/2022 10:36 AM	20:00	6.47 pH	18.93 °C	174.38 µS/cm	5.53 mg/L	0.17 NTU	58.5 mV	38.85 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-20 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 62.7 ft Total Depth: 72.7 ft Initial Depth to Water: 44.3 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 64.76 ft Pump Intake From TOC: 64.76 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.36 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/16/2022 9:27 AM	00:00	6.76 pH	17.85 °C	141.29 µS/cm	7.16 mg/L	2.21 NTU	48.5 mV	44.30 ft	200.00 ml/min
2/16/2022 9:32 AM	05:00	6.77 pH	18.05 °C	141.63 µS/cm	7.12 mg/L	3.57 NTU	47.5 mV	44.61 ft	200.00 ml/min
2/16/2022 9:37 AM	10:00	6.72 pH	17.90 °C	142.14 µS/cm	7.12 mg/L	3.29 NTU	49.7 mV	44.65 ft	200.00 ml/min
2/16/2022 9:42 AM	15:00	6.76 pH	18.39 °C	141.51 µS/cm	7.03 mg/L	3.58 NTU	47.8 mV	44.66 ft	200.00 ml/min
2/16/2022 9:47 AM	20:00	6.71 pH	18.39 °C	140.05 µS/cm	7.01 mg/L	2.92 NTU	53.1 mV	44.66 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWA-21 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10.6 ft Total Depth: 20.6 ft Initial Depth to Water: 2.95 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 15.6 ft Pump Intake From TOC: 15.6 ft Estimated Total Volume Pumped: 5400 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.59 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/14/2022 10:28 AM	00:00	6.16 pH	14.99 °C	118.44 µS/cm	4.05 mg/L	2.95 NTU	58.3 mV	2.95 ft	180.00 ml/min
2/14/2022 10:33 AM	05:00	6.05 pH	15.43 °C	115.79 µS/cm	3.23 mg/L	1.78 NTU	46.7 mV	3.14 ft	180.00 ml/min
2/14/2022 10:38 AM	10:00	6.03 pH	15.96 °C	114.04 µS/cm	3.26 mg/L	1.98 NTU	41.1 mV	3.42 ft	180.00 ml/min
2/14/2022 10:43 AM	15:00	6.04 pH	16.33 °C	113.14 µS/cm	3.11 mg/L	0.70 NTU	40.9 mV	3.46 ft	180.00 ml/min
2/14/2022 10:48 AM	20:00	6.03 pH	16.78 °C	114.38 µS/cm	2.54 mg/L	0.71 NTU	37.2 mV	3.48 ft	180.00 ml/min
2/14/2022 10:53 AM	25:00	6.00 pH	16.69 °C	115.12 µS/cm	2.70 mg/L	0.69 NTU	37.9 mV	3.51 ft	180.00 ml/min
2/14/2022 10:58 AM	30:00	5.99 pH	16.96 °C	114.65 µS/cm	2.53 mg/L	0.66 NTU	38.1 mV	3.54 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWA-22 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 32.5 ft Total Depth: 42.5 ft Initial Depth to Water: 21.52 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 35 ft Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 9000 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.04 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/15/2022 8:59 AM	00:00	6.83 pH	7.31 °C	153.85 µS/cm	6.16 mg/L	35.40 NTU	105.0 mV	21.52 ft	100.00 ml/min
2/15/2022 9:04 AM	05:00	6.47 pH	8.75 °C	125.35 µS/cm	5.87 mg/L	45.00 NTU	90.8 mV	21.54 ft	100.00 ml/min
2/15/2022 9:09 AM	10:00	6.43 pH	9.61 °C	117.75 µS/cm	6.10 mg/L	64.00 NTU	91.5 mV	21.54 ft	100.00 ml/min
2/15/2022 9:14 AM	15:00	6.56 pH	9.71 °C	115.35 µS/cm	11.52 mg/L	54.50 NTU	84.0 mV	21.55 ft	100.00 ml/min
2/15/2022 9:19 AM	20:00	6.57 pH	9.41 °C	0.50 µS/cm	8.20 mg/L	39.90 NTU	54.9 mV	21.55 ft	100.00 ml/min
2/15/2022 9:24 AM	25:00	6.42 pH	9.36 °C	113.86 µS/cm	5.42 mg/L	45.00 NTU	82.9 mV	21.55 ft	100.00 ml/min
2/15/2022 9:29 AM	30:00	6.40 pH	9.65 °C	114.79 µS/cm	4.98 mg/L	59.60 NTU	81.3 mV	21.56 ft	100.00 ml/min
2/15/2022 9:34 AM	35:00	6.40 pH	10.50 °C	116.09 µS/cm	5.18 mg/L	45.70 NTU	80.9 mV	21.56 ft	100.00 ml/min
2/15/2022 9:39 AM	40:00	6.57 pH	10.65 °C	116.77 µS/cm	9.75 mg/L	60.60 NTU	96.5 mV	21.56 ft	100.00 ml/min
2/15/2022 9:44 AM	45:00	6.48 pH	9.62 °C	114.02 µS/cm	7.19 mg/L	41.70 NTU	88.0 mV	21.56 ft	100.00 ml/min
2/15/2022 9:49 AM	50:00	6.41 pH	11.93 °C	112.54 µS/cm	5.35 mg/L	31.70 NTU	83.1 mV	21.56 ft	100.00 ml/min
2/15/2022 9:54 AM	55:00	6.41 pH	13.04 °C	113.08 µS/cm	4.86 mg/L	27.20 NTU	82.5 mV	21.56 ft	100.00 ml/min
2/15/2022 9:59 AM	01:00:00	6.40 pH	13.36 °C	112.99 µS/cm	4.78 mg/L	23.50 NTU	80.1 mV	21.56 ft	100.00 ml/min
2/15/2022 10:04 AM	01:05:00	6.40 pH	13.59 °C	113.43 µS/cm	4.85 mg/L	18.90 NTU	79.8 mV	21.56 ft	100.00 ml/min
2/15/2022 10:09 AM	01:10:00	6.40 pH	14.08 °C	113.30 µS/cm	4.77 mg/L	14.30 NTU	80.0 mV	21.56 ft	100.00 ml/min

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

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-29 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17 ft Total Depth: 27 ft Initial Depth to Water: 5.1 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 18.35 ft Pump Intake From TOC: 18.35 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.39 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/14/2022 2:54 PM	00:00	6.29 pH	17.32 °C	189.47 µS/cm	0.62 mg/L	1.87 NTU	309.3 mV	5.10 ft	200.00 ml/min
2/14/2022 2:59 PM	05:00	6.28 pH	16.94 °C	188.44 µS/cm	0.17 mg/L	0.66 NTU	367.2 mV	5.46 ft	200.00 ml/min
2/14/2022 3:04 PM	10:00	6.28 pH	16.84 °C	187.06 µS/cm	0.13 mg/L	1.17 NTU	415.7 mV	5.48 ft	200.00 ml/min
2/14/2022 3:09 PM	15:00	6.28 pH	16.74 °C	187.66 µS/cm	0.12 mg/L	0.76 NTU	405.4 mV	5.49 ft	200.00 ml/min
2/14/2022 3:14 PM	20:00	6.29 pH	16.74 °C	187.87 µS/cm	0.13 mg/L	0.85 NTU	412.7 mV	5.49 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Duane Fulton

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

Weather Conditions:

Clear / 50

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 2	+/- 10	+/- 0.3	
2/14/2022 12:34 PM	00:00	6.37 pH	16.07 °C	515.26 µS/cm	8.69 mg/L	2.67 NTU	118.1 mV	13.66 ft	125.00 ml/min
2/14/2022 12:39 PM	05:00	6.20 pH	16.33 °C	521.02 µS/cm	3.07 mg/L	4.58 NTU	115.8 mV	13.82 ft	125.00 ml/min
2/14/2022 12:44 PM	10:00	6.23 pH	16.47 °C	516.70 µS/cm	2.72 mg/L	5.36 NTU	114.8 mV	13.88 ft	125.00 ml/min
2/14/2022 12:49 PM	15:00	6.23 pH	16.52 °C	514.81 µS/cm	1.66 mg/L	6.99 NTU	115.5 mV	13.85 ft	125.00 ml/min
2/14/2022 12:54 PM	20:00	6.26 pH	17.04 °C	512.87 µS/cm	0.69 mg/L	9.64 NTU	133.4 mV	14.14 ft	175.00 ml/min
2/14/2022 12:59 PM	25:00	6.27 pH	17.05 °C	509.60 µS/cm	0.67 mg/L	7.16 NTU	133.2 mV	14.15 ft	150.00 ml/min
2/14/2022 1:04 PM	30:00	6.28 pH	17.10 °C	507.46 µS/cm	0.71 mg/L	5.66 NTU	131.5 mV	14.15 ft	150.00 ml/min
2/14/2022 1:09 PM	35:00	6.30 pH	17.16 °C	502.60 µS/cm	0.61 mg/L	4.82 NTU	129.3 mV	14.13 ft	150.00 ml/min
2/14/2022 1:14 PM	40:00	6.31 pH	17.14 °C	498.22 µS/cm	0.71 mg/L	5.06 NTU	126.5 mV	14.12 ft	175.00 ml/min
2/14/2022 1:19 PM	45:00	6.31 pH	17.11 °C	495.52 µS/cm	0.85 mg/L	4.90 NTU	123.6 mV	14.13 ft	175.00 ml/min
2/14/2022 1:24 PM	50:00	6.31 pH	17.10 °C	495.93 µS/cm	0.72 mg/L	4.58 NTU	120.3 mV	14.13 ft	175.00 ml/min
2/14/2022 1:29 PM	55:00	6.33 pH	17.12 °C	488.10 µS/cm	0.66 mg/L	4.90 NTU	116.1 mV	14.10 ft	175.00 ml/min
2/14/2022 1:34 PM	01:00:00	6.33 pH	17.21 °C	485.71 µS/cm	0.66 mg/L	4.75 NTU	97.5 mV	14.13 ft	175.00 ml/min

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

Samples

Sample ID:	Description:
GWA-45	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Duane Fulton

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

Weather Conditions:

Clear

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 2	+/- 10	+/- 0.3	
2/14/2022 3:44 PM	00:00	6.05 pH	17.90 °C	92.91 µS/cm	6.75 mg/L	0.82 NTU	88.9 mV	31.00 ft	200.00 ml/min
2/14/2022 3:49 PM	05:00	5.91 pH	18.30 °C	93.26 µS/cm	2.50 mg/L	0.38 NTU	85.7 mV	31.05 ft	150.00 ml/min
2/14/2022 3:54 PM	10:00	5.89 pH	18.10 °C	90.28 µS/cm	2.38 mg/L	0.31 NTU	86.1 mV	31.05 ft	150.00 ml/min
2/14/2022 3:59 PM	15:00	5.87 pH	18.08 °C	88.74 µS/cm	2.41 mg/L	0.30 NTU	86.8 mV	31.08 ft	150.00 ml/min
2/14/2022 4:04 PM	20:00	5.85 pH	18.07 °C	88.39 µS/cm	2.43 mg/L	0.32 NTU	88.2 mV	31.05 ft	150.00 ml/min
2/14/2022 4:09 PM	25:00	5.85 pH	18.04 °C	88.57 µS/cm	2.37 mg/L	0.26 NTU	102.5 mV	31.05 ft	150.00 ml/min

Samples

Sample ID:	Description:
GWA-46	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWA-47 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 46.55 ft Total Depth: 56.55 ft Initial Depth to Water: 38.7 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 48.02 ft Pump Intake From TOC: 48.02 ft Estimated Total Volume Pumped: 3602 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.75 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

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

Low-Flow Readings:

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

Samples

Sample ID:	Description:
GWA-47	EB-5

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

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

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWA-49 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 31 ft Total Depth: 41 ft Initial Depth to Water: 8.39 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 36 ft Pump Intake From TOC: 36 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.45 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/14/2022 1:18 PM	00:00	7.08 pH	20.73 °C	144.05 µS/cm	7.31 mg/L	14.80 NTU	55.4 mV	8.39 ft	200.00 ml/min
2/14/2022 1:23 PM	05:00	7.10 pH	18.97 °C	150.01 µS/cm	7.52 mg/L	5.82 NTU	54.4 mV	8.83 ft	200.00 ml/min
2/14/2022 1:28 PM	10:00	7.10 pH	18.97 °C	149.66 µS/cm	7.55 mg/L	6.93 NTU	54.5 mV	8.83 ft	200.00 ml/min
2/14/2022 1:33 PM	15:00	7.10 pH	18.98 °C	149.31 µS/cm	7.53 mg/L	5.53 NTU	54.9 mV	8.84 ft	200.00 ml/min
2/14/2022 1:38 PM	20:00	7.10 pH	18.98 °C	149.84 µS/cm	7.53 mg/L	4.85 NTU	55.0 mV	8.84 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C. Tidwell

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

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

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/14/2022 2:06 PM	00:00	5.94 pH	19.38 °C	80.71 µS/cm	0.91 mg/L	3.80 NTU	78.5 mV	8.10 ft	200.00 ml/min
2/14/2022 2:11 PM	05:00	5.91 pH	18.52 °C	83.43 µS/cm	0.24 mg/L	7.94 NTU	114.1 mV	9.25 ft	200.00 ml/min
2/14/2022 2:16 PM	10:00	5.92 pH	18.45 °C	83.35 µS/cm	0.18 mg/L	7.10 NTU	159.7 mV	9.22 ft	200.00 ml/min
2/14/2022 2:21 PM	15:00	5.90 pH	18.34 °C	83.87 µS/cm	0.17 mg/L	5.89 NTU	235.9 mV	9.22 ft	200.00 ml/min
2/14/2022 2:26 PM	20:00	5.90 pH	18.29 °C	83.74 µS/cm	0.19 mg/L	4.91 NTU	296.7 mV	9.22 ft	200.00 ml/min
2/14/2022 2:31 PM	25:00	5.95 pH	18.39 °C	83.93 µS/cm	0.47 mg/L		317.8 mV	9.22 ft	200.00 ml/min
2/14/2022 2:38 PM	32:27	6.87 pH	19.79 °C	0.22 µS/cm	9.44 mg/L		56.1 mV	9.22 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-51 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 16.8 ft Total Depth: 26.8 ft Initial Depth to Water: 8.42 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 22 ft Pump Intake From TOC: 22 ft Estimated Total Volume Pumped: 3525 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.17 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/15/2022 11:39 AM	00:00	6.02 pH	17.81 °C	95.65 µS/cm	0.54 mg/L	16.90 NTU	84.2 mV	8.42 ft	120.00 ml/min
2/15/2022 11:44 AM	05:00	6.02 pH	17.45 °C	97.20 µS/cm	0.41 mg/L	6.79 NTU	93.2 mV	8.55 ft	120.00 ml/min
2/15/2022 11:49 AM	10:00	6.02 pH	17.76 °C	97.76 µS/cm	0.37 mg/L	5.41 NTU	101.0 mV	8.59 ft	180.00 ml/min
2/15/2022 11:54 AM	15:00	6.03 pH	17.94 °C	97.64 µS/cm	0.34 mg/L	4.00 NTU	108.8 mV	8.59 ft	180.00 ml/min
2/15/2022 11:59 AM	20:00	6.02 pH	17.98 °C	97.01 µS/cm	0.31 mg/L	2.84 NTU	118.5 mV	8.59 ft	180.00 ml/min
2/15/2022 12:02 PM	22:55	6.01 pH	18.09 °C	97.75 µS/cm	0.30 mg/L	2.84 NTU	129.1 mV	8.59 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWC-52 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 9.04 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 24.35 ft Pump Intake From TOC: 24.35 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

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

Samples

Sample ID:	Description:
GWC-52	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWC-53 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 9.64 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 24.19 ft Pump Intake From TOC: 24.19 ft Estimated Total Volume Pumped: 13000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.46 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

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

Samples

Sample ID:	Description:
GWC-53	DUP-5

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

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

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SWA-1	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

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

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SWA-3	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

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

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SWA-3	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

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

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SWC-4	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

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

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SWC-5	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

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

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SWC-6	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

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

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SWC-7	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

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

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SWC-8	

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: K. Minkara

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

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SWC-9	

APPENDIX A

Field Data Forms
May 2022

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: GWC-1 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 28.72 ft Total Depth: 38.72 ft Initial Depth to Water: 8.62 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.43 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
5/12/2022 10:43 AM	00:00	6.56 pH	18.62 °C	192.00 µS/cm	4.58 mg/L	2.72 NTU	155.0 mV	8.62 ft	200.00 ml/min
5/12/2022 10:48 AM	05:00	6.54 pH	18.17 °C	192.76 µS/cm	4.80 mg/L	2.19 NTU	170.3 mV	9.02 ft	200.00 ml/min
5/12/2022 10:53 AM	10:00	6.54 pH	18.09 °C	192.15 µS/cm	5.07 mg/L	2.01 NTU	117.4 mV	9.03 ft	200.00 ml/min
5/12/2022 10:58 AM	15:00	6.53 pH	18.09 °C	191.08 µS/cm	5.23 mg/L	1.51 NTU	107.9 mV	9.05 ft	200.00 ml/min
5/12/2022 11:03 AM	20:00	6.55 pH	18.26 °C	190.49 µS/cm	5.21 mg/L	1.57 NTU	103.7 mV	9.05 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-1	FB-1

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C Mikilitus

Location Name: GWC-4 Well Diameter: 2 in Casing Type: PVC Total Depth: 43.41 ft Initial Depth to Water: 31.28 ft	Pump Type: Bladder Pump Intake From TOC: 35.01 ft Estimated Total Volume Pumped: 3030 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.36 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/12/2022 10:31 AM	00:00	6.26 pH	18.71 °C	236.39 µS/cm	4.97 mg/L	2.55 NTU	119.9 mV	31.59 ft	150.00 ml/min
5/12/2022 10:34 AM	03:07	6.24 pH	18.67 °C	245.33 µS/cm	5.07 mg/L		114.1 mV		150.00 ml/min
5/12/2022 10:35 AM	04:07	6.24 pH	18.71 °C	246.44 µS/cm	4.77 mg/L		109.0 mV		150.00 ml/min
5/12/2022 10:36 AM	05:12	6.23 pH	18.75 °C	250.18 µS/cm	4.57 mg/L	2.09 NTU	105.5 mV	31.58 ft	150.00 ml/min
5/12/2022 10:41 AM	10:12	6.21 pH	18.88 °C	242.29 µS/cm	4.05 mg/L	2.35 NTU	72.2 mV	31.64 ft	150.00 ml/min
5/12/2022 10:46 AM	15:12	6.19 pH	18.90 °C	240.52 µS/cm	4.17 mg/L	1.22 NTU	84.5 mV	31.65 ft	150.00 ml/min
5/12/2022 10:51 AM	20:12	6.19 pH	18.88 °C	245.99 µS/cm	4.22 mg/L	1.55 NTU	82.5 mV	31.64 ft	150.00 ml/min

Samples

Sample ID:	Description:
GWC-4	DUP-1

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C Mikilitus

Location Name: GWC-5 Well Diameter: 2 in Casing Type: PVC Total Depth: 34.16 ft Initial Depth to Water: 34.16 ft	Pump Type: Bladder Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: -15.33 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
5/12/2022 12:03 PM	00:00	6.03 pH	20.84 °C	439.20 µS/cm	4.76 mg/L	1.87 NTU	141.2 mV	18.72 ft	200.00 ml/min
5/12/2022 12:08 PM	05:00	5.99 pH	20.31 °C	438.21 µS/cm	4.17 mg/L	0.98 NTU	86.0 mV	18.75 ft	200.00 ml/min
5/12/2022 12:13 PM	10:00	5.98 pH	20.26 °C	440.08 µS/cm	4.08 mg/L	1.26 NTU	87.9 mV	18.79 ft	200.00 ml/min
5/12/2022 12:18 PM	15:00	5.99 pH	20.18 °C	440.82 µS/cm	3.96 mg/L	0.87 NTU	81.8 mV	18.84 ft	200.00 ml/min
5/12/2022 12:23 PM	20:00	5.98 pH	20.27 °C	441.06 µS/cm	3.88 mg/L	0.86 NTU	78.5 mV	18.82 ft	200.00 ml/min
5/12/2022 12:28 PM	25:00	5.99 pH	20.31 °C	440.05 µS/cm	3.85 mg/L	0.77 NTU	76.1 mV	18.83 ft	200.00 ml/min
5/12/2022 12:33 PM	30:00	5.99 pH	20.29 °C	439.99 µS/cm	3.81 mg/L	0.66 NTU	74.9 mV	18.83 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: GWC-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30.65 ft Total Depth: 40.65 ft Initial Depth to Water: 11.4 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 300 ml/min Final Draw Down: 0.42 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
5/12/2022 12:05 PM	00:00	6.29 pH	22.60 °C	191.95 µS/cm	0.67 mg/L	1.06 NTU	159.2 mV	10.40 ft	300.00 ml/min
5/12/2022 12:10 PM	05:00	6.29 pH	20.04 °C	201.25 µS/cm	0.70 mg/L	0.84 NTU	137.0 mV	10.80 ft	300.00 ml/min
5/12/2022 12:15 PM	10:00	6.30 pH	19.91 °C	198.45 µS/cm	0.69 mg/L	1.28 NTU	169.8 mV	10.81 ft	300.00 ml/min
5/12/2022 12:20 PM	15:00	6.30 pH	19.81 °C	196.11 µS/cm	0.68 mg/L	1.05 NTU	121.7 mV	10.82 ft	300.00 ml/min
5/12/2022 12:25 PM	20:00	6.31 pH	19.77 °C	189.79 µS/cm	0.72 mg/L	0.65 NTU	111.7 mV	10.82 ft	300.00 ml/min

Samples

Sample ID:	Description:
GWC-10	EB-1

Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: C Mikilitus

Location Name: GWC-18 Well Diameter: 2 in Casing Type: PVC Top of Screen: 61.25 ft Total Depth: 71.25 ft Initial Depth to Water: 32.93 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 66.25 ft Pump Intake From TOC: 66.25 ft Estimated Total Volume Pumped: 10500 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.9 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
5/12/2022 1:07 PM	00:00	7.16 pH	29.51 °C	114.17 µS/cm	7.73 mg/L	2.33 NTU	94.9 mV	33.26 ft	200.00 ml/min
5/12/2022 1:12 PM	05:00	6.40 pH	22.61 °C	116.73 µS/cm	6.51 mg/L	2.39 NTU	74.4 mV	33.59 ft	200.00 ml/min
5/12/2022 1:17 PM	10:00	6.39 pH	20.93 °C	118.22 µS/cm	6.51 mg/L	1.92 NTU	81.6 mV	33.80 ft	200.00 ml/min
5/12/2022 1:22 PM	15:00	6.39 pH	20.69 °C	117.55 µS/cm	6.72 mg/L	2.12 NTU	61.6 mV	33.82 ft	200.00 ml/min
5/12/2022 1:27 PM	20:00	6.38 pH	20.51 °C	117.95 µS/cm	6.61 mg/L	2.00 NTU	59.2 mV	33.78 ft	200.00 ml/min
5/12/2022 1:32 PM	25:00	6.38 pH	20.51 °C	117.58 µS/cm	6.47 mg/L	1.96 NTU	58.1 mV	33.72 ft	200.00 ml/min
5/12/2022 1:37 PM	30:00	6.39 pH	20.45 °C	118.48 µS/cm	6.37 mg/L	2.74 NTU	57.3 mV	33.74 ft	200.00 ml/min
5/12/2022 1:42 PM	35:00	6.39 pH	20.40 °C	115.96 µS/cm	6.37 mg/L	3.96 NTU	57.0 mV	33.80 ft	200.00 ml/min
5/12/2022 1:47 PM	40:00	6.39 pH	20.32 °C	116.15 µS/cm	6.45 mg/L	3.81 NTU	56.9 mV	33.82 ft	200.00 ml/min
5/12/2022 1:52 PM	45:00	6.39 pH	20.35 °C	114.61 µS/cm	6.45 mg/L	5.06 NTU	56.9 mV	33.81 ft	200.00 ml/min
5/12/2022 1:57 PM	50:00	6.39 pH	20.39 °C	115.79 µS/cm	6.35 mg/L	5.96 NTU	56.8 mV	33.83 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

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

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: GWC-20 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 62.7 ft Total Depth: 72.7 ft Initial Depth to Water: 44.6 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 67 ft Pump Intake From TOC: 67 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: -0.48 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
5/12/2022 1:20 PM	00:00	7.94 pH	33.33 °C	146.90 µS/cm	7.47 mg/L	1.89 NTU	121.1 mV	44.60 ft	200.00 ml/min
5/12/2022 1:25 PM	05:00	6.59 pH	23.28 °C	147.76 µS/cm	6.85 mg/L	2.93 NTU	138.3 mV	44.10 ft	200.00 ml/min
5/12/2022 1:30 PM	10:00	6.56 pH	21.94 °C	141.17 µS/cm	7.34 mg/L	5.48 NTU	127.2 mV	44.12 ft	200.00 ml/min
5/12/2022 1:35 PM	15:00	6.55 pH	22.07 °C	148.76 µS/cm	7.23 mg/L	5.89 NTU	119.1 mV	44.12 ft	200.00 ml/min
5/12/2022 1:40 PM	20:00	6.53 pH	22.07 °C	146.76 µS/cm	7.01 mg/L	3.75 NTU	114.3 mV	44.12 ft	200.00 ml/min
5/12/2022 1:45 PM	25:00	6.52 pH	22.09 °C	148.55 µS/cm	7.09 mg/L	2.85 NTU	110.4 mV	44.12 ft	200.00 ml/min

Samples

Sample ID:	Description:
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APPENDIX A

Field Data Forms
August 2022

Low-Flow Test Report:

Test Date / Time: 8/24/2022 3:30:20 PM

Project: Plant Scherer

Operator Name: M. Mann

Location Name: GWC-1 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 28.72 ft Total Depth: 38.72 ft Initial Depth to Water: 9.94 ft	Pump Type: Alexis Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 33 ft Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 5.875 L Flow Cell Volume: 90 ml Final Flow Rate: 275 ml/min Final Draw Down: 5.04 in	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/24/2022 3:30 PM	00:00	6.35 pH	25.96 °C	180.42 µS/cm	3.99 mg/L	20.10 NTU	58.4 mV	9.94 ft	350.00 ml/min
8/24/2022 3:35 PM	05:00	6.41 pH	20.27 °C	197.25 µS/cm	4.94 mg/L	6.28 NTU	59.7 mV	10.36 ft	275.00 ml/min
8/24/2022 3:40 PM	10:00	6.43 pH	20.03 °C	197.82 µS/cm	5.06 mg/L	3.07 NTU	58.7 mV	10.35 ft	275.00 ml/min
8/24/2022 3:45 PM	15:00	6.43 pH	19.91 °C	198.67 µS/cm	5.16 mg/L	2.02 NTU	59.3 mV	10.36 ft	275.00 ml/min
8/24/2022 3:50 PM	20:00	6.42 pH	19.86 °C	198.77 µS/cm	5.18 mg/L	1.22 NTU	64.9 mV	10.36 ft	275.00 ml/min

Samples

Sample ID:	Description:
GWC-1	
DUP-4	

Low-Flow Test Report:

Test Date / Time: 8/26/2022 8:36:39 AM

Project: Plant Scherer

Operator Name: M. Mann

Location Name: GWC-2 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 48.74 ft Total Depth: 58.74 ft Initial Depth to Water: 14.17 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 50.18 ft Pump Intake From TOC: 50.18 ft Estimated Total Volume Pumped: 3.525 L Flow Cell Volume: 90 ml Final Flow Rate: 135 ml/min Final Draw Down: 16.68 in	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Weather Conditions:

Foggy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/26/2022 8:36 AM	00:00	6.62 pH	24.18 °C	192.54 µS/cm	6.68 mg/L	2.00 NTU	73.0 mV	14.17 ft	190.00 ml/min
8/26/2022 8:41 AM	05:00	6.44 pH	20.12 °C	187.65 µS/cm	4.17 mg/L	3.72 NTU	60.9 mV	15.17 ft	190.00 ml/min
8/26/2022 8:46 AM	10:00	6.40 pH	19.44 °C	189.05 µS/cm	4.16 mg/L	2.87 NTU	60.0 mV	15.52 ft	190.00 ml/min
8/26/2022 8:51 AM	15:00	6.38 pH	19.63 °C	190.00 µS/cm	4.12 mg/L	3.44 NTU	65.7 mV	15.62 ft	135.00 ml/min
8/26/2022 8:56 AM	20:00	6.37 pH	19.86 °C	189.41 µS/cm	4.10 mg/L	2.35 NTU	68.2 mV	15.56 ft	135.00 ml/min

Samples

Sample ID:	Description:
GWC-2	

Low-Flow Test Report:

Test Date / Time: 8/25/2022 12:21:55 PM

Project: Plant Scherer

Operator Name: Chris Tidwell

<p>Location Name: GWC-3 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 40.16 ft Total Depth: 50.16 ft Initial Depth to Water: 35.33 ft</p>	<p>Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 45 ft Pump Intake From TOC: 45 ft Estimated Total Volume Pumped: 17.1 L Flow Cell Volume: 90 ml Final Flow Rate: 170 ml/min Final Draw Down: 5.76 in</p>	<p>Instrument Used: Aqua TROLL 400 Serial Number: 884187</p>
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/25/2022 12:21 PM	00:00	6.10 pH	20.95 °C	80.91 µS/cm	4.05 mg/L	70.00 NTU	66.6 mV	35.33 ft	180.00 ml/min
8/25/2022 12:26 PM	05:00	6.07 pH	20.58 °C	76.23 µS/cm	4.77 mg/L	52.50 NTU	64.1 mV	35.39 ft	180.00 ml/min
8/25/2022 12:31 PM	10:00	6.05 pH	20.26 °C	72.40 µS/cm	5.28 mg/L	49.10 NTU	63.2 mV	35.47 ft	170.00 ml/min
8/25/2022 12:36 PM	15:00	6.04 pH	20.27 °C	71.29 µS/cm	5.41 mg/L	42.10 NTU	63.1 mV	35.50 ft	170.00 ml/min
8/25/2022 12:41 PM	20:00	6.03 pH	20.41 °C	71.13 µS/cm	5.45 mg/L	31.20 NTU	63.6 mV	35.53 ft	170.00 ml/min
8/25/2022 12:46 PM	25:00	6.06 pH	20.42 °C	70.71 µS/cm	5.42 mg/L	23.70 NTU	62.3 mV	35.55 ft	170.00 ml/min
8/25/2022 12:51 PM	30:00	6.06 pH	20.43 °C	70.84 µS/cm	5.42 mg/L	19.90 NTU	62.5 mV	35.58 ft	170.00 ml/min
8/25/2022 12:56 PM	35:00	6.06 pH	20.45 °C	70.87 µS/cm	5.39 mg/L	18.70 NTU	62.9 mV	35.61 ft	170.00 ml/min
8/25/2022 1:01 PM	40:00	6.02 pH	20.63 °C	70.48 µS/cm	5.43 mg/L	16.00 NTU	65.2 mV	35.63 ft	170.00 ml/min
8/25/2022 1:06 PM	45:00	6.02 pH	20.76 °C	70.12 µS/cm	5.43 mg/L	14.20 NTU	65.7 mV	35.66 ft	170.00 ml/min
8/25/2022 1:11 PM	50:00	6.01 pH	20.94 °C	67.29 µS/cm	5.63 mg/L	43.10 NTU	66.2 mV	35.68 ft	170.00 ml/min
8/25/2022 1:16 PM	55:00	6.00 pH	21.03 °C	67.38 µS/cm	5.58 mg/L	25.90 NTU	65.6 mV	35.70 ft	170.00 ml/min
8/25/2022 1:21 PM	01:00:00	6.01 pH	20.86 °C	69.08 µS/cm	5.51 mg/L	36.70 NTU	67.3 mV	35.71 ft	170.00 ml/min
8/25/2022 1:26 PM	01:05:00	6.02 pH	20.58 °C	69.68 µS/cm	5.45 mg/L	25.40 NTU	67.4 mV	35.74 ft	170.00 ml/min
8/25/2022 1:31 PM	01:10:00	6.01 pH	20.31 °C	69.83 µS/cm	5.47 mg/L	16.10 NTU	68.9 mV	35.76 ft	170.00 ml/min

8/25/2022 1:36 PM	01:15:00	5.98 pH	20.27 °C	69.84 µS/cm	5.45 mg/L	13.70 NTU	71.1 mV	35.77 ft	170.00 ml/min
8/25/2022 1:41 PM	01:20:00	6.00 pH	20.71 °C	70.20 µS/cm	5.46 mg/L	10.50 NTU	68.8 mV	35.77 ft	170.00 ml/min
8/25/2022 1:46 PM	01:25:00	6.01 pH	21.20 °C	69.95 µS/cm	5.40 mg/L	7.75 NTU	70.5 mV	35.78 ft	170.00 ml/min
8/25/2022 1:51 PM	01:30:00	6.01 pH	20.93 °C	69.86 µS/cm	5.38 mg/L	6.11 NTU	70.7 mV	35.78 ft	170.00 ml/min
8/25/2022 1:56 PM	01:35:00	6.00 pH	20.74 °C	70.18 µS/cm	5.43 mg/L	5.67 NTU	70.6 mV	35.80 ft	170.00 ml/min
8/25/2022 2:01 PM	01:40:00	5.99 pH	21.25 °C	70.10 µS/cm	5.37 mg/L	4.89 NTU	72.0 mV	35.81 ft	170.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/25/2022 10:24:49 AM

Project: Plant Scherer

Operator Name: Chris Tidwell

Location Name: GWC-4 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 33.41 ft Total Depth: 43.41 ft Initial Depth to Water: 31.85 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 35.01 ft Pump Intake From TOC: 35.01 ft Estimated Total Volume Pumped: 4 L Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 2.16 in	Instrument Used: Aqua TROLL 400 Serial Number: 884187
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/25/2022 10:24 AM	00:00	6.24 pH	21.38 °C	224.67 µS/cm	4.61 mg/L	0.21 NTU	67.0 mV	31.85 ft	200.00 ml/min
8/25/2022 10:29 AM	05:00	6.21 pH	20.98 °C	224.07 µS/cm	4.35 mg/L	0.19 NTU	66.1 mV	31.91 ft	200.00 ml/min
8/25/2022 10:34 AM	10:00	6.20 pH	20.84 °C	221.81 µS/cm	4.15 mg/L	0.75 NTU	66.1 mV	31.95 ft	200.00 ml/min
8/25/2022 10:39 AM	15:00	6.19 pH	20.89 °C	221.27 µS/cm	4.03 mg/L	0.48 NTU	65.7 mV	31.99 ft	200.00 ml/min
8/25/2022 10:44 AM	20:00	6.19 pH	20.93 °C	221.11 µS/cm	3.93 mg/L	0.44 NTU	66.1 mV	32.03 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-4	
DUP-5	

Low-Flow Test Report:

Test Date / Time: 8/25/2022 8:52:32 AM

Project: Plant Scherer

Operator Name: M. Mann

Location Name: GWC-5 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 24.16 ft Total Depth: 34.16 ft Initial Depth to Water: 20.52 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 25.34 ft Pump Intake From TOC: 25.34 ft Estimated Total Volume Pumped: 5.75 L Flow Cell Volume: 90 ml Final Flow Rate: 280 ml/min Final Draw Down: 3.84 in	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Weather Conditions:

Light rain

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/25/2022 8:52 AM	00:00	6.26 pH	22.85 °C	475.00 µS/cm	6.98 mg/L	3.78 NTU	76.8 mV	20.52 ft	480.00 ml/min
8/25/2022 8:57 AM	05:00	5.94 pH	19.25 °C	419.51 µS/cm	4.22 mg/L	6.44 NTU	57.4 mV	20.96 ft	390.00 ml/min
8/25/2022 9:02 AM	10:00	5.96 pH	19.24 °C	424.14 µS/cm	4.12 mg/L	3.59 NTU	56.6 mV	20.75 ft	280.00 ml/min
8/25/2022 9:07 AM	15:00	5.96 pH	19.25 °C	425.33 µS/cm	4.10 mg/L	1.70 NTU	57.0 mV	20.84 ft	280.00 ml/min

Samples

Sample ID:	Description:
GWC-5	
EB-4	Tubing

Low-Flow Test Report:

Test Date / Time: 8/25/2022 9:54:06 AM

Project: Plant Scherer

Operator Name: M. Mann

Location Name: GWC-6 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 38.5 ft Total Depth: 48.5 ft Initial Depth to Water: 38.98 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 39.98 ft Pump Intake From TOC: 39.98 ft Estimated Total Volume Pumped: 3.8 L Flow Cell Volume: 90 ml Final Flow Rate: 190 ml/min Final Draw Down: 0.12 in	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Weather Conditions:

Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/25/2022 9:54 AM	00:00	6.39 pH	23.79 °C	212.32 µS/cm	6.86 mg/L	1.20 NTU	67.2 mV	38.98 ft	190.00 ml/min
8/25/2022 9:59 AM	05:00	6.20 pH	20.32 °C	219.57 µS/cm	6.48 mg/L	1.67 NTU	67.9 mV	38.90 ft	190.00 ml/min
8/25/2022 10:04 AM	10:00	6.14 pH	20.05 °C	217.52 µS/cm	6.21 mg/L	2.68 NTU	66.0 mV	38.89 ft	190.00 ml/min
8/25/2022 10:09 AM	15:00	6.13 pH	19.99 °C	210.60 µS/cm	6.29 mg/L	2.15 NTU	73.0 mV	38.90 ft	190.00 ml/min
8/25/2022 10:14 AM	20:00	6.13 pH	20.06 °C	208.16 µS/cm	6.32 mg/L	1.47 NTU	73.3 mV	38.99 ft	190.00 ml/min

Samples

Sample ID:	Description:
GWC-6	

Low-Flow Test Report:

Test Date / Time: 8/25/2022 10:47:31 AM

Project: Plant Scherer

Operator Name: M. Mann

Location Name: GWC-7 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 48.72 ft Total Depth: 58.72 ft Initial Depth to Water: 42.78 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 50.46 ft Pump Intake From TOC: 50.46 ft Estimated Total Volume Pumped: 5 L Flow Cell Volume: 90 ml Final Flow Rate: 280 ml/min Final Draw Down: 6.96 in	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Weather Conditions:

Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/25/2022 10:47 AM	00:00	7.21 pH	25.18 °C	173.33 µS/cm	7.91 mg/L	0.33 NTU	57.9 mV	42.78 ft	160.00 ml/min
8/25/2022 10:52 AM	05:00	6.41 pH	20.34 °C	169.46 µS/cm	6.29 mg/L	3.32 NTU	63.9 mV	43.34 ft	280.00 ml/min
8/25/2022 10:57 AM	10:00	6.34 pH	20.12 °C	171.41 µS/cm	6.13 mg/L	2.64 NTU	64.5 mV	43.37 ft	280.00 ml/min
8/25/2022 11:02 AM	15:00	6.33 pH	20.08 °C	170.40 µS/cm	6.07 mg/L	3.23 NTU	65.5 mV	43.40 ft	280.00 ml/min
8/25/2022 11:07 AM	20:00	6.31 pH	20.14 °C	170.55 µS/cm	6.10 mg/L	1.97 NTU	65.5 mV	43.36 ft	280.00 ml/min

Samples

Sample ID:	Description:
GWC-7	

Low-Flow Test Report:

Test Date / Time: 8/25/2022 12:19:22 PM

Project: Plant Scherer

Operator Name: M. Mann

Location Name: GWC-8A Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 37.5 ft Total Depth: 47.5 ft Initial Depth to Water: 22.74 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 42.5 ft Pump Intake From TOC: 42.5 ft Estimated Total Volume Pumped: 4.275 L Flow Cell Volume: 90 ml Final Flow Rate: 285 ml/min Final Draw Down: 8.64 in	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/25/2022 12:19 PM	00:00	7.17 pH	28.26 °C	494.49 µS/cm	4.57 mg/L	3.21 NTU	93.7 mV	22.74 ft	285.00 ml/min
8/25/2022 12:24 PM	05:00	6.29 pH	20.61 °C	402.72 µS/cm	0.47 mg/L	6.01 NTU	54.4 mV	23.45 ft	285.00 ml/min
8/25/2022 12:29 PM	10:00	6.29 pH	20.31 °C	388.06 µS/cm	0.23 mg/L	3.47 NTU	45.9 mV	23.40 ft	285.00 ml/min
8/25/2022 12:34 PM	15:00	6.29 pH	20.17 °C	388.40 µS/cm	0.18 mg/L	2.41 NTU	46.9 mV	23.46 ft	285.00 ml/min

Samples

Sample ID:	Description:
GWC-8A	

Low-Flow Test Report:

Test Date / Time: 8/25/2022 1:08:48 PM

Project: Plant Scherer

Operator Name: M. Mann

Location Name: GWC-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10 ft Total Depth: 20.25 ft Initial Depth to Water: 6.64 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 15 ft Pump Intake From TOC: 15 ft Estimated Total Volume Pumped: 9.25 L Flow Cell Volume: 90 ml Final Flow Rate: 210 ml/min Final Draw Down: 7.68 in	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/25/2022 1:08 PM	00:00	7.11 pH	23.72 °C	208.49 µS/cm	6.96 mg/L	21.40 NTU	48.0 mV	6.64 ft	600.00 ml/min
8/25/2022 1:13 PM	05:00	6.54 pH	20.67 °C	224.46 µS/cm	1.61 mg/L	50.70 NTU	52.4 mV	7.46 ft	260.00 ml/min
8/25/2022 1:18 PM	10:00	6.51 pH	20.53 °C	224.33 µS/cm	1.73 mg/L	24.20 NTU	51.8 mV	7.42 ft	260.00 ml/min
8/25/2022 1:23 PM	15:00	6.51 pH	20.49 °C	222.85 µS/cm	1.80 mg/L	14.70 NTU	56.2 mV	7.31 ft	260.00 ml/min
8/25/2022 1:28 PM	20:00	6.50 pH	20.47 °C	221.18 µS/cm	1.89 mg/L	8.14 NTU	57.4 mV	7.35 ft	260.00 ml/min
8/25/2022 1:33 PM	25:00	6.50 pH	20.44 °C	219.10 µS/cm	1.95 mg/L	5.54 NTU	58.8 mV	7.33 ft	210.00 ml/min
8/25/2022 1:38 PM	30:00	6.48 pH	20.59 °C	217.67 µS/cm	2.02 mg/L	4.55 NTU	57.6 mV	7.28 ft	210.00 ml/min

Samples

Sample ID:	Description:
GWC-9	

Low-Flow Test Report:

Test Date / Time: 8/25/2022 9:15:18 AM

Project: Plant Scherer

Operator Name: Chris Tidwell

Location Name: GWC-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30.65 ft Total Depth: 40.65 ft Initial Depth to Water: 10.69 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 35 ft Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 3.6 L Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.6 in	Instrument Used: Aqua TROLL 400 Serial Number: 884187
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/25/2022 9:15 AM	00:00	6.20 pH	20.93 °C	208.45 µS/cm	0.84 mg/L	0.57 NTU	67.0 mV	10.69 ft	180.00 ml/min
8/25/2022 9:20 AM	05:00	6.19 pH	20.68 °C	203.57 µS/cm	0.65 mg/L	0.22 NTU	61.0 mV	10.72 ft	180.00 ml/min
8/25/2022 9:25 AM	10:00	6.20 pH	20.76 °C	202.28 µS/cm	0.54 mg/L	0.18 NTU	58.2 mV	10.73 ft	180.00 ml/min
8/25/2022 9:30 AM	15:00	6.19 pH	20.75 °C	202.78 µS/cm	0.47 mg/L	0.19 NTU	57.4 mV	10.74 ft	180.00 ml/min
8/25/2022 9:35 AM	20:00	6.20 pH	20.89 °C	201.74 µS/cm	0.44 mg/L	0.16 NTU	56.3 mV	10.74 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/25/2022 2:56:38 PM

Project: Plant Scherer

Operator Name: M. Mann

Location Name: GWC-11 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 24.54 ft Total Depth: 34.54 ft Initial Depth to Water: 18.49 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 28 ft Pump Intake From TOC: 28 ft Estimated Total Volume Pumped: 6.85 L Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 1.68 in	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/25/2022 2:56 PM	00:00	6.69 pH	26.90 °C	140.04 µS/cm	5.91 mg/L	3.55 NTU	59.1 mV	18.49 ft	140.00 ml/min
8/25/2022 3:01 PM	05:00	6.06 pH	21.15 °C	142.19 µS/cm	1.50 mg/L	10.80 NTU	62.7 mV	18.64 ft	170.00 ml/min
8/25/2022 3:06 PM	10:00	6.06 pH	20.59 °C	142.41 µS/cm	1.60 mg/L	7.58 NTU	61.2 mV	18.64 ft	170.00 ml/min
8/25/2022 3:11 PM	15:00	6.04 pH	20.39 °C	142.15 µS/cm	1.22 mg/L	8.56 NTU	65.9 mV	18.64 ft	170.00 ml/min
8/25/2022 3:16 PM	20:00	6.03 pH	21.01 °C	142.82 µS/cm	0.99 mg/L	5.59 NTU	66.2 mV	18.60 ft	120.00 ml/min
8/25/2022 3:21 PM	25:00	6.01 pH	21.06 °C	142.93 µS/cm	0.93 mg/L	6.25 NTU	68.0 mV	18.58 ft	120.00 ml/min
8/25/2022 3:26 PM	30:00	6.01 pH	20.97 °C	142.95 µS/cm	0.92 mg/L	6.48 NTU	69.3 mV	18.57 ft	120.00 ml/min
8/25/2022 3:31 PM	35:00	6.02 pH	20.88 °C	140.82 µS/cm	0.92 mg/L	5.54 NTU	70.6 mV	18.68 ft	200.00 ml/min
8/25/2022 3:36 PM	40:00	6.01 pH	20.04 °C	142.60 µS/cm	1.00 mg/L	5.02 NTU	71.7 mV	18.72 ft	200.00 ml/min
8/25/2022 3:41 PM	45:00	6.01 pH	20.40 °C	142.50 µS/cm	0.91 mg/L	4.86 NTU	72.2 mV	18.63 ft	160.00 ml/min

Samples

Sample ID:	Description:
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GWC-11	
FB-5	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/26/2022 9:34:59 AM

Project: Plant Scherer

Operator Name: Aimee Plowman

Location Name: GWC-12 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 27.82 ft Total Depth: 37.82 ft Initial Depth to Water: 26.1 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 32 ft Pump Intake From TOC: 32 ft Estimated Total Volume Pumped: 4 L Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 4.2 in	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Pre-purged 1.75L

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/26/2022 9:34 AM	00:00	5.15 pH	20.12 °C	26.21 µS/cm	4.34 mg/L	5.22 NTU	132.4 mV	26.41 ft	150.00 ml/min
8/26/2022 9:39 AM	05:00	5.10 pH	19.53 °C	26.76 µS/cm	3.58 mg/L	3.40 NTU	123.4 mV	26.45 ft	150.00 ml/min
8/26/2022 9:44 AM	10:00	5.09 pH	19.44 °C	26.89 µS/cm	3.58 mg/L	2.19 NTU	121.1 mV	26.45 ft	150.00 ml/min
8/26/2022 9:49 AM	15:00	5.07 pH	19.67 °C	26.88 µS/cm	3.50 mg/L	2.37 NTU	120.3 mV	26.45 ft	150.00 ml/min

Samples

Sample ID:	Description:
GWC-12	

Low-Flow Test Report:

Test Date / Time: 8/26/2022 8:40:16 AM

Project: Plant Scherer

Operator Name: Aimee Plowman

Location Name: GWC-13 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 34.2 ft Total Depth: 44.2 ft Initial Depth to Water: 30.62 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 39 ft Pump Intake From TOC: 39 ft Estimated Total Volume Pumped: 3.75 L Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 3 in	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/26/2022 8:40 AM	00:00	5.88 pH	19.62 °C	89.28 µS/cm	3.39 mg/L	1.69 NTU	126.2 mV	30.85 ft	250.00 ml/min
8/26/2022 8:45 AM	05:00	5.90 pH	19.79 °C	92.94 µS/cm	3.05 mg/L	1.70 NTU	113.1 mV	30.87 ft	250.00 ml/min
8/26/2022 8:50 AM	10:00	5.92 pH	19.71 °C	94.70 µS/cm	3.00 mg/L	0.75 NTU	110.7 mV	30.86 ft	250.00 ml/min
8/26/2022 8:55 AM	15:00	5.91 pH	19.75 °C	94.81 µS/cm	2.99 mg/L	0.77 NTU	110.0 mV	30.87 ft	250.00 ml/min

Samples

Sample ID:	Description:
GWC-13	

Low-Flow Test Report:

Test Date / Time: 8/26/2022 8:39:26 AM

Project: Plant Scherer

Operator Name: Chris Tidwell

Location Name: GWC-14 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17.5 ft Total Depth: 27.5 ft Initial Depth to Water: 13.05 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 18.88 ft Pump Intake From TOC: 18.88 ft Estimated Total Volume Pumped: 5.4 L Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 9.36 in	Instrument Used: Aqua TROLL 400 Serial Number: 884187
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/26/2022 8:39 AM	00:00	6.05 pH	23.22 °C	117.65 µS/cm	6.49 mg/L	4.12 NTU	115.6 mV	13.05 ft	120.00 ml/min
8/26/2022 8:44 AM	05:00	5.59 pH	23.31 °C	90.18 µS/cm	4.64 mg/L	2.07 NTU	88.3 mV	13.51 ft	120.00 ml/min
8/26/2022 8:49 AM	10:00	5.56 pH	23.47 °C	78.02 µS/cm	3.87 mg/L	2.02 NTU	78.0 mV	13.63 ft	120.00 ml/min
8/26/2022 8:54 AM	15:00	5.54 pH	23.56 °C	75.85 µS/cm	3.45 mg/L	1.99 NTU	64.6 mV	13.68 ft	120.00 ml/min
8/26/2022 8:59 AM	20:00	5.52 pH	23.71 °C	75.11 µS/cm	3.01 mg/L	1.85 NTU	59.6 mV	13.72 ft	120.00 ml/min
8/26/2022 9:04 AM	25:00	5.51 pH	23.73 °C	75.06 µS/cm	2.66 mg/L	1.97 NTU	56.6 mV	13.79 ft	120.00 ml/min
8/26/2022 9:09 AM	30:00	5.51 pH	23.73 °C	74.79 µS/cm	2.49 mg/L	1.81 NTU	53.9 mV	13.80 ft	120.00 ml/min
8/26/2022 9:14 AM	35:00	5.51 pH	23.80 °C	74.49 µS/cm	2.27 mg/L	1.88 NTU	51.8 mV	13.80 ft	120.00 ml/min
8/26/2022 9:19 AM	40:00	5.50 pH	23.80 °C	74.64 µS/cm	2.14 mg/L	1.72 NTU	51.1 mV	13.81 ft	120.00 ml/min
8/26/2022 9:24 AM	45:00	5.51 pH	23.75 °C	74.59 µS/cm	2.07 mg/L	1.66 NTU	50.4 mV	13.83 ft	120.00 ml/min

Samples

Sample ID:	Description:
EB-5	

Low-Flow Test Report:

Test Date / Time: 8/25/2022 2:46:32 PM

Project: Plant Scherer

Operator Name: Aimee Plowman

Location Name: GWA-15 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 19.59 ft Total Depth: 29.59 ft Initial Depth to Water: 12.17 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 24 ft Pump Intake From TOC: 24 ft Estimated Total Volume Pumped: 5.59 L Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 1.8 in	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/25/2022 2:46 PM	00:00	5.53 pH	21.13 °C	61.49 µS/cm	1.39 mg/L	9.94 NTU	116.7 mV	12.83 ft	400.00 ml/min
8/25/2022 2:51 PM	05:00	5.41 pH	18.65 °C	65.81 µS/cm	0.25 mg/L	3.32 NTU	107.9 mV	12.73 ft	400.00 ml/min
8/25/2022 2:56 PM	10:00	5.40 pH	19.04 °C	66.71 µS/cm	0.20 mg/L	1.01 NTU	103.2 mV	12.33 ft	150.00 ml/min
8/25/2022 3:01 PM	15:00	5.39 pH	20.51 °C	66.23 µS/cm	0.23 mg/L	0.84 NTU	101.1 mV	12.31 ft	150.00 ml/min
8/25/2022 3:02 PM	15:36	5.39 pH	20.58 °C	65.84 µS/cm	0.23 mg/L	0.84 NTU	95.8 mV	12.31 ft	150.00 ml/min
8/25/2022 3:07 PM	20:36	5.40 pH	20.69 °C	66.33 µS/cm	0.21 mg/L	0.45 NTU	115.8 mV	12.32 ft	150.00 ml/min

Samples

Sample ID:	Description:
GWA-15	

Low-Flow Test Report:

Test Date / Time: 8/25/2022 1:21:52 PM

Project: Plant Scherer

Operator Name: Aimee Plowman

Location Name: GWA-16 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 47.93 ft Total Depth: 57.93 ft Initial Depth to Water: 33.22 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 53 ft Pump Intake From TOC: 53 ft Estimated Total Volume Pumped: 3.75 L Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 3.36 in	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Pre purged 1 L

Weather Conditions:

Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/25/2022 1:21 PM	00:00	6.43 pH	19.99 °C	116.74 µS/cm	5.54 mg/L	5.77 NTU	121.8 mV	33.50 ft	250.00 ml/min
8/25/2022 1:26 PM	05:00	6.41 pH	19.73 °C	119.27 µS/cm	5.54 mg/L	3.76 NTU	112.0 mV	33.45 ft	250.00 ml/min
8/25/2022 1:31 PM	10:00	6.42 pH	19.75 °C	120.44 µS/cm	5.47 mg/L	2.64 NTU	109.5 mV	33.45 ft	250.00 ml/min
8/25/2022 1:36 PM	15:00	6.42 pH	19.76 °C	121.31 µS/cm	5.50 mg/L	1.95 NTU	107.7 mV	33.50 ft	250.00 ml/min

Samples

Sample ID:	Description:
GWA-16	

Low-Flow Test Report:

Test Date / Time: 8/24/2022 4:28:07 PM

Project: Plant Scherer

Operator Name: Aimee Plowman

Location Name: GWA-17 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 36.76 ft Total Depth: 46.76 ft Initial Depth to Water: 29.97 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 24 ft Pump Intake From TOC: 24 ft Estimated Total Volume Pumped: 5.25 L Flow Cell Volume: 90 ml Final Flow Rate: 350 ml/min Final Draw Down: 3.6 in	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Pre purged 3 L

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/24/2022 4:28 PM	00:00	6.22 pH	19.84 °C	99.13 µS/cm	6.88 mg/L	4.71 NTU	98.9 mV	30.30 ft	350.00 ml/min
8/24/2022 4:33 PM	05:00	6.22 pH	20.07 °C	99.74 µS/cm	6.80 mg/L	4.31 NTU	89.3 mV	30.28 ft	350.00 ml/min
8/24/2022 4:38 PM	10:00	6.22 pH	19.96 °C	100.49 µS/cm	6.74 mg/L	3.27 NTU	89.1 mV	30.29 ft	350.00 ml/min
8/24/2022 4:43 PM	15:00	6.22 pH	19.88 °C	101.35 µS/cm	6.70 mg/L	2.40 NTU	89.3 mV	30.27 ft	350.00 ml/min

Samples

Sample ID:	Description:
GWA-17	

Low-Flow Test Report:

Test Date / Time: 8/25/2022 11:38:57 AM

Project: Plant Scherer

Operator Name: Aimee Plowman

Location Name: GWC-18 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 61.25 ft Total Depth: 71.25 ft Initial Depth to Water: 33.75 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 62.46 ft Pump Intake From TOC: 62.46 ft Estimated Total Volume Pumped: 3.75 L Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 11.04 in	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Pre purged 1 L

Weather Conditions:

Cloud

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/25/2022 11:38 AM	00:00	6.48 pH	20.76 °C	115.39 µS/cm	6.19 mg/L	8.45 NTU	108.9 mV	34.60 ft	250.00 ml/min
8/25/2022 11:43 AM	05:00	6.46 pH	20.20 °C	118.58 µS/cm	6.34 mg/L	5.49 NTU	100.0 mV	34.62 ft	250.00 ml/min
8/25/2022 11:48 AM	10:00	6.46 pH	20.29 °C	117.70 µS/cm	6.31 mg/L	4.12 NTU	99.2 mV	34.65 ft	250.00 ml/min
8/25/2022 11:53 AM	15:00	6.45 pH	20.38 °C	117.16 µS/cm	6.26 mg/L	2.66 NTU	98.4 mV	34.67 ft	250.00 ml/min

Samples

Sample ID:	Description:
GWC-18	

Low-Flow Test Report:

Test Date / Time: 8/25/2022 8:51:05 AM

Project: Plant Scherer

Operator Name: Aimee Plowman

Location Name: GWC-19 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 52.75 ft Total Depth: 62.75 ft Initial Depth to Water: 37.52 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 54.51 ft Pump Intake From TOC: 54.51 ft Estimated Total Volume Pumped: 3 L Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 16.56 in	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Pre pumped .5 L

Weather Conditions:

Raining

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/25/2022 8:51 AM	00:00	6.38 pH	19.93 °C	174.00 µS/cm	5.43 mg/L	4.93 NTU	138.8 mV	38.61 ft	200.00 ml/min
8/25/2022 8:56 AM	05:00	6.36 pH	19.69 °C	177.47 µS/cm	5.34 mg/L	2.30 NTU	152.3 mV	38.82 ft	200.00 ml/min
8/25/2022 9:01 AM	10:00	6.36 pH	19.65 °C	176.17 µS/cm	5.29 mg/L	1.84 NTU	123.5 mV	38.85 ft	200.00 ml/min
8/25/2022 9:06 AM	15:00	6.36 pH	19.69 °C	175.39 µS/cm	5.29 mg/L	1.15 NTU	120.1 mV	38.90 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-19	
FB-4	

Low-Flow Test Report:

Test Date / Time: 8/25/2022 10:00:21 AM

Project: Plant Scherer

Operator Name: Aimee Plowman

Location Name: GWC-20 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 62.7 ft Total Depth: 72.7 ft Initial Depth to Water: 44.43 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 64.76 ft Pump Intake From TOC: 64.76 ft Estimated Total Volume Pumped: 5.5 L Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 1.68 in	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Weather Conditions:

Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/25/2022 10:00 AM	00:00	6.67 pH	20.82 °C	142.46 µS/cm	6.43 mg/L	17.80 NTU	107.6 mV	44.67 ft	200.00 ml/min
8/25/2022 10:05 AM	05:00	6.65 pH	19.95 °C	144.06 µS/cm	6.40 mg/L	16.00 NTU	101.5 mV	44.70 ft	200.00 ml/min
8/25/2022 10:10 AM	10:00	6.63 pH	19.93 °C	144.47 µS/cm	6.46 mg/L	15.50 NTU	100.5 mV	44.72 ft	200.00 ml/min
8/25/2022 10:15 AM	15:00	6.62 pH	20.67 °C	145.58 µS/cm	6.45 mg/L	11.70 NTU	100.0 mV	44.62 ft	100.00 ml/min
8/25/2022 10:20 AM	20:00	6.62 pH	21.49 °C	144.16 µS/cm	6.36 mg/L	9.49 NTU	99.6 mV	44.60 ft	100.00 ml/min
8/25/2022 10:25 AM	25:00	6.62 pH	21.62 °C	145.19 µS/cm	6.33 mg/L	8.81 NTU	119.4 mV	44.58 ft	100.00 ml/min
8/25/2022 10:30 AM	30:00	6.62 pH	21.49 °C	143.89 µS/cm	6.33 mg/L	7.50 NTU	99.3 mV	44.56 ft	100.00 ml/min
8/25/2022 10:35 AM	35:00	6.62 pH	21.49 °C	144.27 µS/cm	6.33 mg/L	5.29 NTU	98.6 mV	44.57 ft	100.00 ml/min
8/25/2022 10:40 AM	40:00	6.62 pH	21.43 °C	143.73 µS/cm	6.36 mg/L	4.64 NTU	98.6 mV	44.57 ft	100.00 ml/min

Samples

Sample ID:	Description:
GWC-20	

Low-Flow Test Report:

Test Date / Time: 8/26/2022 9:50:40

AM Project: Plant Scherer

Operator Name: M. Mann

Location Name: GWA-21 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10.06 ft Total Depth: 20.06 ft Initial Depth to Water: 5.51 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 15.6 ft Pump Intake From TOC: 15.6 ft Estimated Total Volume Pumped: 5.925 L Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 3.24 in	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/26/2022 9:50 AM	00:00	6.06 pH	24.69 °C	115.27 µS/cm	3.59 mg/L	7.89 NTU	58.6 mV	5.51 ft	280.00 ml/min
8/26/2022 9:55 AM	05:00	5.68 pH	22.26 °C	115.49 µS/cm	2.24 mg/L	8.09 NTU	55.1 mV	6.00 ft	205.00 ml/min
8/26/2022 10:00 AM	10:00	5.70 pH	22.49 °C	114.56 µS/cm	2.45 mg/L	5.79 NTU	57.3 mV	5.93 ft	205.00 ml/min
8/26/2022 10:05 AM	15:00	5.70 pH	22.31 °C	113.91 µS/cm	2.47 mg/L	4.56 NTU	59.9 mV	5.92 ft	205.00 ml/min
8/26/2022 10:10 AM	20:00	5.72 pH	22.56 °C	114.16 µS/cm	2.61 mg/L	3.01 NTU	61.3 mV	5.86 ft	170.00 ml/min
8/26/2022 10:15 AM	25:00	5.72 pH	23.10 °C	114.45 µS/cm	2.50 mg/L	2.93 NTU	62.0 mV	5.78 ft	120.00 ml/min
8/26/2022 10:20 AM	30:00	5.73 pH	23.51 °C	113.72 µS/cm	2.57 mg/L	2.63 NTU	63.1 mV	5.78 ft	120.00 ml/min

Samples

Sample ID:	Description:
GWA-21	

Low-Flow Test Report:

Test Date / Time: 8/26/2022 10:08:26 AM

Project: Plant Scherer

Operator Name: Chris Tidwell

Location Name: GWA-22 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 32.5 ft Total Depth: 42.5 ft Initial Depth to Water: 24.8 ft	Pump Type: Alexis Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 37 ft Pump Intake From TOC: 37 ft Estimated Total Volume Pumped: 5.673 L Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 2.28 in	Instrument Used: Aqua TROLL 400 Serial Number: 884187
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/26/2022 10:08 AM	00:00	5.82 pH	24.27 °C	76.91 µS/cm	3.81 mg/L	22.40 NTU	64.3 mV	24.80 ft	180.00 ml/min
8/26/2022 10:09 AM	01:31	5.80 pH	22.99 °C	78.05 µS/cm	3.64 mg/L	22.40 NTU	62.1 mV	24.87 ft	180.00 ml/min
8/26/2022 10:14 AM	06:31	5.84 pH	22.23 °C	80.33 µS/cm	3.58 mg/L	16.60 NTU	57.5 mV	24.90 ft	180.00 ml/min
8/26/2022 10:19 AM	11:31	5.87 pH	22.16 °C	80.92 µS/cm	3.52 mg/L	11.00 NTU	56.3 mV	24.93 ft	180.00 ml/min
8/26/2022 10:24 AM	16:31	5.86 pH	21.94 °C	80.59 µS/cm	3.53 mg/L	13.60 NTU	55.8 mV	24.94 ft	180.00 ml/min
8/26/2022 10:29 AM	21:31	5.86 pH	21.98 °C	81.14 µS/cm	3.55 mg/L	9.71 NTU	56.1 mV	24.96 ft	180.00 ml/min
8/26/2022 10:34 AM	26:31	5.89 pH	21.92 °C	82.07 µS/cm	3.53 mg/L	6.45 NTU	56.1 mV	24.97 ft	180.00 ml/min
8/26/2022 10:39 AM	31:31	5.86 pH	22.05 °C	81.64 µS/cm	3.53 mg/L	4.79 NTU	56.4 mV	24.99 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/31/2022 9:36:26 AM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-29 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17 ft Total Depth: 27 ft Initial Depth to Water: 5.54 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 25 ft Pump Intake From TOC: 25 ft Estimated Total Volume Pumped: 22 L Flow Cell Volume: 90 ml Final Flow Rate: 400 ml/min Final Draw Down: 3.12 in	Instrument Used: Aqua TROLL 400 Serial Number: 883561
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Test Notes:

Weather Conditions:

Cloudy, 77

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/31/2022 9:36 AM	00:00	6.66 pH	23.83 °C	197.00 µS/cm	2.24 mg/L	1.17 NTU	129.9 mV	5.77 ft	400.00 ml/min
8/31/2022 9:41 AM	05:00	6.20 pH	21.11 °C	197.35 µS/cm	0.04 mg/L	2.87 NTU	320.7 mV	5.77 ft	400.00 ml/min
8/31/2022 9:46 AM	10:00	6.20 pH	21.06 °C	197.58 µS/cm	0.01 mg/L	4.35 NTU	329.9 mV	5.77 ft	400.00 ml/min
8/31/2022 9:51 AM	15:00	6.21 pH	21.02 °C	197.57 µS/cm	0.01 mg/L	9.76 NTU	353.5 mV	5.77 ft	400.00 ml/min
8/31/2022 9:56 AM	20:00	6.21 pH	21.01 °C	197.42 µS/cm	0.02 mg/L	5.39 NTU	368.4 mV	5.79 ft	400.00 ml/min
8/31/2022 10:01 AM	25:00	6.21 pH	20.98 °C	197.43 µS/cm	0.02 mg/L	9.69 NTU	371.8 mV	5.77 ft	400.00 ml/min
8/31/2022 10:06 AM	30:00	6.21 pH	20.98 °C	197.31 µS/cm	0.03 mg/L	5.32 NTU	379.4 mV	5.78 ft	400.00 ml/min
8/31/2022 10:11 AM	35:00	6.21 pH	21.00 °C	197.06 µS/cm	0.03 mg/L	4.39 NTU	387.5 mV	5.79 ft	400.00 ml/min
8/31/2022 10:16 AM	40:00	6.20 pH	20.97 °C	196.99 µS/cm	0.03 mg/L	5.21 NTU	385.8 mV	5.79 ft	400.00 ml/min
8/31/2022 10:21 AM	45:00	6.20 pH	20.97 °C	196.78 µS/cm	0.03 mg/L	3.31 NTU	528.2 mV	5.79 ft	400.00 ml/min
8/31/2022 10:26 AM	50:00	6.21 pH	21.00 °C	196.71 µS/cm	0.03 mg/L	2.72 NTU	382.0 mV	5.80 ft	400.00 ml/min
8/31/2022 10:31 AM	55:00	6.21 pH	21.01 °C	196.61 µS/cm	0.04 mg/L	2.88 NTU	527.1mV	5.80 ft	400.00 ml/min

Samples

Sample ID:	Description:
GWC-29	

Low-Flow Test Report:

Test Date / Time: 8/31/2022 10:36:18 AM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: GWA-45 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26 ft Total Depth: 36 ft Initial Depth to Water: 17.05 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 31 ft Pump Intake From TOC: 31 ft Estimated Total Volume Pumped: 6.25 L Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 19.2 in	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/31/2022 10:36 AM	00:00	6.34 pH	26.15 °C	457.36 µS/cm	5.97 mg/L	4.28 NTU	56.3 mV	17.05 ft	250.00 ml/min
8/31/2022 10:41 AM	05:00	6.02 pH	20.17 °C	499.87 µS/cm	1.24 mg/L	23.50 NTU	53.6 mV	18.35 ft	250.00 ml/min
8/31/2022 10:46 AM	10:00	5.95 pH	19.95 °C	505.81 µS/cm	0.40 mg/L	11.30 NTU	51.3 mV	18.65 ft	250.00 ml/min
8/31/2022 10:51 AM	15:00	6.03 pH	19.97 °C	500.48 µS/cm	0.42 mg/L	4.71 NTU	50.4 mV	18.65 ft	250.00 ml/min
8/31/2022 10:56 AM	20:00	6.05 pH	19.93 °C	498.41 µS/cm	0.40 mg/L	3.05 NTU	49.2 mV	18.65 ft	250.00 ml/min
8/31/2022 11:01 AM	25:00	6.03 pH	19.99 °C	498.62 µS/cm	0.34 mg/L	2.04 NTU	48.6 mV	18.65 ft	250.00 ml/min

Samples

Sample ID:	Description:
GWA-45	

Low-Flow Test Report:

Test Date / Time: 8/31/2022 9:42:20 AM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: GWA-46 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 37 ft Total Depth: 47 ft Initial Depth to Water: 31.92 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 42 ft Pump Intake From TOC: 42 ft Estimated Total Volume Pumped: 3.75 L Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 4.56 in	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/31/2022 9:42 AM	00:00	5.48 pH	22.69 °C	138.06 µS/cm	3.59 mg/L	4.82 NTU	98.4 mV	31.95 ft	250.00 ml/min
8/31/2022 9:47 AM	05:00	5.76 pH	20.30 °C	81.10 µS/cm	2.37 mg/L	2.83 NTU	31.3 mV	32.25 ft	250.00 ml/min
8/31/2022 9:52 AM	10:00	5.78 pH	19.95 °C	84.49 µS/cm	2.24 mg/L	2.25 NTU	30.1 mV	32.30 ft	250.00 ml/min
8/31/2022 9:57 AM	15:00	5.80 pH	19.91 °C	83.58 µS/cm	2.22 mg/L	1.24 NTU	28.8 mV	32.30 ft	250.00 ml/min

Samples

Sample ID:	Description:
GWA-46	

Low-Flow Test Report:

Test Date / Time: 8/31/2022 10:08:28 AM

Project: Plant Scherer

Operator Name: Mark Mann

Location Name: GWA-47 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 46.55 ft Total Depth: 56.55 ft Initial Depth to Water: 38.46 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 25 ft Pump Intake From TOC: 48.02 ft Estimated Total Volume Pumped: 6.1 L Flow Cell Volume: 90 ml Final Flow Rate: 190 ml/min Final Draw Down: 17.04 in	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/31/2022 10:08 AM	00:00	7.03 pH	23.88 °C	128.21 µS/cm	7.09 mg/L	0.00 NTU	75.9 mV	38.46 ft	240.00 ml/min
8/31/2022 10:13 AM	05:00	6.56 pH	19.93 °C	129.40 µS/cm	5.23 mg/L	67.50 NTU	82.3 mV	39.69 ft	220.00 ml/min
8/31/2022 10:18 AM	10:00	6.54 pH	20.05 °C	129.77 µS/cm	5.04 mg/L	40.90 NTU	80.6 mV	39.76 ft	190.00 ml/min
8/31/2022 10:23 AM	15:00	6.52 pH	20.23 °C	129.92 µS/cm	5.09 mg/L	17.50 NTU	81.0 mV	39.89 ft	190.00 ml/min
8/31/2022 10:28 AM	20:00	6.53 pH	20.20 °C	130.17 µS/cm	5.05 mg/L	11.80 NTU	81.6 mV	39.92 ft	190.00 ml/min
8/31/2022 10:33 AM	25:00	6.53 pH	20.29 °C	129.78 µS/cm	5.09 mg/L	4.83 NTU	81.9 mV	39.93 ft	190.00 ml/min
8/31/2022 10:38 AM	30:00	6.53 pH	20.36 °C	129.46 µS/cm	5.09 mg/L	2.04 NTU	82.1 mV	39.88 ft	190.00 ml/min

Samples

Sample ID:	Description:
GWA-47	

Low-Flow Test Report:

Test Date / Time: 8/31/2022 8:45:47 AM

Project: Plant Scherer

Operator Name: Mark Mann

Location Name: GWA-48 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 63.42 ft Total Depth: 73.42 ft Initial Depth to Water: 36.77 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 68.92 ft Pump Intake From TOC: 68.92 ft Estimated Total Volume Pumped: 7.025 L Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 15.84 in	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Weather Conditions:

Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/31/2022 8:45 AM	00:00	6.74 pH	22.56 °C	118.96 µS/cm	6.04 mg/L	5.50 NTU	73.4 mV	36.77 ft	175.00 ml/min
8/31/2022 8:50 AM	05:00	6.82 pH	20.24 °C	120.67 µS/cm	5.32 mg/L	23.50 NTU	63.9 mV	38.05 ft	175.00 ml/min
8/31/2022 8:55 AM	10:00	6.85 pH	20.39 °C	122.16 µS/cm	5.35 mg/L	31.10 NTU	66.9 mV	38.31 ft	175.00 ml/min
8/31/2022 9:00 AM	15:00	6.88 pH	20.28 °C	121.46 µS/cm	5.29 mg/L	14.30 NTU	67.1 mV	38.43 ft	130.00 ml/min
8/31/2022 9:05 AM	20:00	6.88 pH	20.21 °C	121.37 µS/cm	5.29 mg/L	10.20 NTU	67.9 mV	38.49 ft	130.00 ml/min
8/31/2022 9:10 AM	25:00	6.89 pH	20.20 °C	121.30 µS/cm	5.29 mg/L	7.40 NTU	68.4 mV	38.49 ft	130.00 ml/min
8/31/2022 9:15 AM	30:00	6.90 pH	20.19 °C	121.44 µS/cm	5.35 mg/L	8.33 NTU	69.4 mV	38.48 ft	130.00 ml/min
8/31/2022 9:20 AM	35:00	6.91 pH	20.49 °C	121.17 µS/cm	5.35 mg/L	7.33 NTU	70.1 mV	38.38 ft	120.00 ml/min
8/31/2022 9:25 AM	40:00	6.90 pH	20.64 °C	121.72 µS/cm	5.40 mg/L	4.30 NTU	70.6 mV	38.23 ft	120.00 ml/min
8/31/2022 9:30 AM	45:00	6.91 pH	20.82 °C	121.11 µS/cm	5.37 mg/L	3.30 NTU	71.6 mV	38.15 ft	120.00 ml/min
8/31/2022 9:35 AM	50:00	6.91 pH	20.73 °C	120.93 µS/cm	5.38 mg/L	2.29 NTU	72.4 mV	38.09 ft	120.00 ml/min

Samples

Sample ID:	Description:
GWA-48	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/30/2022 1:19:28 PM

Project: Plant Scherer

Operator Name: Mark Mann

Location Name: GWA-49 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 31 ft Total Depth: 41 ft Initial Depth to Water: 11.84 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 36 ft Pump Intake From TOC: 36 ft Estimated Total Volume Pumped: 17.927 L Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 4.2 in	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/30/2022 1:19 PM	00:00	6.92 pH	33.27 °C	131.67 µS/cm	5.61 mg/L	17.40 NTU	40.7 mV	11.84 ft	215.00 ml/min
8/30/2022 1:24 PM	05:00	7.09 pH	22.14 °C	146.39 µS/cm	7.03 mg/L	147.00 NTU	37.2 mV	12.72 ft	215.00 ml/min
8/30/2022 1:29 PM	10:00	7.07 pH	21.48 °C	147.55 µS/cm	7.11 mg/L	96.60 NTU	41.9 mV	12.79 ft	215.00 ml/min
8/30/2022 1:34 PM	15:00	7.08 pH	21.55 °C	149.18 µS/cm	7.17 mg/L	98.80 NTU	44.2 mV	12.64 ft	160.00 ml/min
8/30/2022 1:39 PM	20:00	7.08 pH	22.39 °C	147.09 µS/cm	7.05 mg/L	65.50 NTU	45.5 mV	12.53 ft	160.00 ml/min
8/30/2022 1:44 PM	25:00	7.09 pH	22.18 °C	146.39 µS/cm	6.98 mg/L	63.80 NTU	48.3 mV	12.53 ft	160.00 ml/min
8/30/2022 1:49 PM	30:00	7.08 pH	22.44 °C	146.12 µS/cm	7.00 mg/L	53.60 NTU	49.8 mV	12.48 ft	160.00 ml/min
8/30/2022 1:54 PM	35:00	7.09 pH	23.77 °C	146.23 µS/cm	6.98 mg/L	39.00 NTU	50.9 mV	12.35 ft	120.00 ml/min
8/30/2022 1:59 PM	40:00	7.09 pH	22.65 °C	144.40 µS/cm	6.94 mg/L	42.20 NTU	53.2 mV	12.41 ft	120.00 ml/min
8/30/2022 2:04 PM	45:00	7.07 pH	22.45 °C	148.48 µS/cm	7.32 mg/L	39.00 NTU	55.1 mV	12.41 ft	120.00 ml/min
8/30/2022 2:09 PM	50:00	7.07 pH	23.23 °C	145.71 µS/cm	7.10 mg/L	31.60 NTU	55.6 mV	12.40 ft	120.00 ml/min
8/30/2022 2:09 PM	50:26	7.08 pH	23.17 °C	144.62 µS/cm	7.07 mg/L	31.60 NTU	55.3 mV	12.40 ft	120.00 ml/min
8/30/2022 2:14 PM	55:26	7.08 pH	23.19 °C	145.54 µS/cm	7.07 mg/L	29.50 NTU	57.7 mV	12.35 ft	120.00 ml/min

8/30/2022 2:19 PM	01:00:26	7.07 pH	23.95 °C	146.20 µS/cm	7.13 mg/L	25.30 NTU	56.3 mV	12.25 ft	95.00 ml/min
8/30/2022 2:24 PM	01:05:26	7.07 pH	24.32 °C	147.02 µS/cm	7.11 mg/L	21.60 NTU	58.4 mV	12.24 ft	95.00 ml/min
8/30/2022 2:29 PM	01:10:26	7.08 pH	23.66 °C	144.69 µS/cm	7.07 mg/L	17.20 NTU	59.5 mV	12.26 ft	95.00 ml/min
8/30/2022 2:34 PM	01:15:26	7.08 pH	23.24 °C	145.55 µS/cm	7.13 mg/L	12.10 NTU	60.6 mV	12.26 ft	95.00 ml/min
8/30/2022 2:39 PM	01:20:26	7.08 pH	22.97 °C	144.61 µS/cm	7.12 mg/L	14.30 NTU	62.2 mV	12.28 ft	95.00 ml/min
8/30/2022 2:44 PM	01:25:26	7.08 pH	22.72 °C	144.67 µS/cm	7.15 mg/L	12.20 NTU	63.0 mV	12.29 ft	95.00 ml/min
8/30/2022 2:49 PM	01:30:26	7.08 pH	22.53 °C	144.30 µS/cm	7.11 mg/L	10.90 NTU	64.0 mV	12.30 ft	95.00 ml/min
8/30/2022 2:54 PM	01:35:26	7.09 pH	22.26 °C	143.57 µS/cm	7.14 mg/L	9.89 NTU	65.0 mV	12.32 ft	95.00 ml/min
8/30/2022 2:59 PM	01:40:26	7.08 pH	21.89 °C	144.32 µS/cm	7.15 mg/L	8.44 NTU	68.2 mV	12.32 ft	95.00 ml/min
8/30/2022 3:04 PM	01:45:26	7.08 pH	22.03 °C	146.57 µS/cm	7.20 mg/L	9.33 NTU	68.3 mV	12.30 ft	95.00 ml/min
8/30/2022 3:09 PM	01:50:26	7.09 pH	23.39 °C	144.35 µS/cm	7.04 mg/L	7.79 NTU	68.2 mV	12.33 ft	120.00 ml/min
8/30/2022 3:14 PM	01:55:26	7.08 pH	22.07 °C	143.70 µS/cm	7.14 mg/L	6.74 NTU	67.9 mV	12.35 ft	120.00 ml/min
8/30/2022 3:19 PM	02:00:26	7.08 pH	22.48 °C	145.84 µS/cm	7.17 mg/L	7.56 NTU	69.8 mV	12.28 ft	100.00 ml/min
8/30/2022 3:24 PM	02:05:26	7.08 pH	23.27 °C	145.84 µS/cm	7.21 mg/L	6.88 NTU	67.3 mV	12.27 ft	100.00 ml/min
8/30/2022 3:29 PM	02:10:26	7.08 pH	23.51 °C	144.22 µS/cm	7.07 mg/L	8.62 NTU	67.9 mV	12.29 ft	100.00 ml/min
8/30/2022 3:34 PM	02:15:26	7.08 pH	22.74 °C	144.52 µS/cm	7.14 mg/L	9.11 NTU	69.0 mV	12.28 ft	100.00 ml/min
8/30/2022 3:39 PM	02:20:26	7.08 pH	24.23 °C	147.24 µS/cm	7.12 mg/L	6.69 NTU	70.3 mV	12.26 ft	100.00 ml/min
8/30/2022 3:44 PM	02:25:26	7.08 pH	24.68 °C	146.01 µS/cm	7.17 mg/L	4.95 NTU	68.5 mV	12.19 ft	100.00 ml/min

Samples

Sample ID:	Description:
GWA-49	

Low-Flow Test Report:

Test Date / Time: 8/31/2022 11:14:44 AM

Project: Plant Scherer

Operator Name: Mark Mann

Location Name: GWC-50 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26.3 ft Total Depth: 36.3 ft Initial Depth to Water: 8.96 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 28.07 ft Pump Intake From TOC: 28.07 ft Estimated Total Volume Pumped: 25.7 L Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 3.84 in	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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Test Notes:

Weather Conditions:

Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/31/2022 11:14 AM	00:00	6.35 pH	27.51 °C	87.36 µS/cm	4.50 mg/L	3.37 NTU	72.8 mV	8.96 ft	165.00 ml/min
8/31/2022 11:19 AM	05:00	5.83 pH	22.20 °C	81.00 µS/cm	1.15 mg/L	41.90 NTU	92.8 mV	9.48 ft	165.00 ml/min
8/31/2022 11:24 AM	10:00	5.81 pH	22.01 °C	81.46 µS/cm	0.60 mg/L	80.90 NTU	114.2 mV	9.50 ft	165.00 ml/min
8/31/2022 11:29 AM	15:00	5.80 pH	22.52 °C	80.93 µS/cm	0.42 mg/L	76.40 NTU	129.9 mV	9.45 ft	115.00 ml/min
8/31/2022 11:34 AM	20:00	5.81 pH	23.14 °C	81.68 µS/cm	0.42 mg/L	68.00 NTU	142.3 mV	9.36 ft	115.00 ml/min
8/31/2022 11:39 AM	25:00	5.82 pH	23.45 °C	80.75 µS/cm	0.38 mg/L	58.10 NTU	159.4 mV	9.45 ft	115.00 ml/min
8/31/2022 11:44 AM	30:00	5.82 pH	23.46 °C	81.76 µS/cm	0.33 mg/L	52.70 NTU	174.8 mV	9.36 ft	150.00 ml/min
8/31/2022 11:49 AM	35:00	5.82 pH	23.61 °C	82.02 µS/cm	0.34 mg/L	41.60 NTU	184.4 mV	9.36 ft	150.00 ml/min
8/31/2022 11:54 AM	40:00	5.82 pH	23.60 °C	82.15 µS/cm	0.36 mg/L	38.60 NTU	199.7 mV	9.38 ft	150.00 ml/min
8/31/2022 11:59 AM	45:00	5.82 pH	23.91 °C	81.73 µS/cm	0.36 mg/L	35.50 NTU	213.3 mV	9.38 ft	150.00 ml/min
8/31/2022 12:04 PM	50:00	5.82 pH	24.13 °C	82.70 µS/cm	0.42 mg/L	34.90 NTU	201.1 mV	9.31 ft	100.00 ml/min
8/31/2022 12:09 PM	55:00	5.82 pH	24.52 °C	81.99 µS/cm	0.36 mg/L	24.30 NTU	206.4 mV	9.26 ft	100.00 ml/min
8/31/2022 12:14 PM	01:00:00	5.82 pH	24.77 °C	82.18 µS/cm	0.38 mg/L	24.80 NTU	202.0 mV	9.21 ft	100.00 ml/min

8/31/2022 12:19 PM	01:05:00	5.83 pH	24.85 °C	82.38 µS/cm	0.38 mg/L	25.40 NTU	216.9 mV	9.23 ft	100.00 ml/min
8/31/2022 12:24 PM	01:10:00	5.83 pH	24.08 °C	81.93 µS/cm	0.63 mg/L	25.20 NTU	230.2 mV	9.29 ft	100.00 ml/min
8/31/2022 12:29 PM	01:15:00	5.85 pH	22.48 °C	80.06 µS/cm	0.47 mg/L	27.80 NTU	294.6 mV	9.60 ft	265.00 ml/min
8/31/2022 12:34 PM	01:20:00	5.84 pH	21.36 °C	80.86 µS/cm	0.39 mg/L	20.20 NTU	357.0 mV	9.69 ft	265.00 ml/min
8/31/2022 12:39 PM	01:25:00	5.82 pH	21.08 °C	82.54 µS/cm	0.37 mg/L	18.80 NTU	338.4 mV	9.75 ft	265.00 ml/min
8/31/2022 12:44 PM	01:30:00	5.83 pH	21.64 °C	81.76 µS/cm	0.40 mg/L	17.10 NTU	310.1 mV	9.46 ft	200.00 ml/min
8/31/2022 12:49 PM	01:35:00	5.85 pH	21.94 °C	81.83 µS/cm	0.43 mg/L	12.80 NTU	318.5 mV	9.66 ft	200.00 ml/min
8/31/2022 12:54 PM	01:40:00	5.85 pH	21.94 °C	81.74 µS/cm	0.42 mg/L	12.40 NTU	356.5 mV	9.60 ft	200.00 ml/min
8/31/2022 12:59 PM	01:45:00	5.85 pH	22.18 °C	83.08 µS/cm	0.47 mg/L	12.80 NTU	377.9 mV	9.42 ft	160.00 ml/min
8/31/2022 1:04 PM	01:50:00	5.83 pH	22.62 °C	82.40 µS/cm	0.53 mg/L	10.20 NTU	365.3 mV	9.35 ft	160.00 ml/min
8/31/2022 1:09 PM	01:55:00	5.85 pH	22.82 °C	82.32 µS/cm	0.54 mg/L	9.54 NTU	362.3 mV	9.43 ft	160.00 ml/min
8/31/2022 1:14 PM	02:00:00	5.85 pH	23.59 °C	83.04 µS/cm	0.54 mg/L	8.61 NTU	373.9 mV	9.44 ft	100.00 ml/min
8/31/2022 1:19 PM	02:05:00	5.86 pH	24.13 °C	82.64 µS/cm	0.58 mg/L	9.06 NTU	373.4 mV	9.31 ft	100.00 ml/min
8/31/2022 1:24 PM	02:10:00	5.87 pH	22.80 °C	81.53 µS/cm	0.56 mg/L	7.21 NTU	409.8 mV	9.37 ft	150.00 ml/min
8/31/2022 1:29 PM	02:15:00	5.84 pH	21.93 °C	82.07 µS/cm	0.57 mg/L	8.54 NTU	425.8 mV	9.45 ft	150.00 ml/min
8/31/2022 1:34 PM	02:20:00	5.86 pH	22.80 °C	82.67 µS/cm	0.61 mg/L	7.18 NTU	415.9 mV	9.38 ft	125.00 ml/min
8/31/2022 1:39 PM	02:25:00	5.86 pH	21.79 °C	82.10 µS/cm	0.66 mg/L	7.32 NTU	448.4 mV	9.65 ft	200.00 ml/min
8/31/2022 1:44 PM	02:30:00	5.87 pH	21.44 °C	82.17 µS/cm	0.59 mg/L	7.65 NTU	459.9 mV	9.72 ft	140.00 ml/min
8/31/2022 1:49 PM	02:35:00	5.87 pH	22.31 °C	83.46 µS/cm	0.68 mg/L	8.77 NTU	445.5 mV	9.61 ft	120.00 ml/min
8/31/2022 1:54 PM	02:40:00	5.86 pH	23.86 °C	83.39 µS/cm	0.67 mg/L	8.05 NTU	410.7 mV	9.42 ft	120.00 ml/min
8/31/2022 1:59 PM	02:45:00	5.87 pH	23.91 °C	83.27 µS/cm	0.63 mg/L	8.25 NTU	424.9 mV	9.35 ft	120.00 ml/min
8/31/2022 2:04 PM	02:50:00	5.85 pH	25.63 °C	84.39 µS/cm	0.75 mg/L	4.98 NTU	394.1 mV	9.28 ft	120.00 ml/min

Samples

Sample ID:	Description:
GWC-50	
FB-6	

Low-Flow Test Report:

Test Date / Time: 8/31/2022 11:00:32 AM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-51 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 16.8 ft Total Depth: 26.8 ft Initial Depth to Water: 8.37 ft	Pump Type: Alexis Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 21 ft Pump Intake From TOC: 21 ft Estimated Total Volume Pumped: 3.75 L Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 3.12 in	Instrument Used: Aqua TROLL 400 Serial Number: 883561
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Test Notes:

Weather Conditions:

Clear, 80

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/31/2022 11:00 AM	00:00	6.18 pH	23.88 °C	107.15 µS/cm	2.76 mg/L	13.65 NTU	244.8 mV	8.62 ft	150.00 ml/min
8/31/2022 11:05 AM	05:00	6.01 pH	22.09 °C	108.01 µS/cm	0.29 mg/L	10.72 NTU	206.2 mV	8.64 ft	150.00 ml/min
8/31/2022 11:10 AM	10:00	5.97 pH	21.86 °C	106.13 µS/cm	0.15 mg/L	6.07 NTU	189.3 mV	8.63 ft	150.00 ml/min
8/31/2022 11:15 AM	15:00	5.93 pH	21.69 °C	104.54 µS/cm	0.11 mg/L	1.79 NTU	337.5 mV	8.63 ft	150.00 ml/min
8/31/2022 11:20 AM	20:00	5.93 pH	21.59 °C	103.69 µS/cm	0.09 mg/L	1.25 NTU	414.3 mV	8.63 ft	150.00 ml/min
8/31/2022 11:25 AM	25:00	5.91 pH	21.64 °C	103.29 µS/cm	0.08 mg/L	1.11 NTU	430.8 mV	8.63 ft	150.00 ml/min

Samples

Sample ID:	Description:
GWC-51	
DUP-6	

Low-Flow Test Report:

Test Date / Time: 8/31/2022 12:09:17 PM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-52 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 9.08 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 27 ft Pump Intake From TOC: 27 ft Estimated Total Volume Pumped: 8.375 L Flow Cell Volume: 90 ml Final Flow Rate: 335 ml/min Final Draw Down: 3.24 in	Instrument Used: Aqua TROLL 400 Serial Number: 883561
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Test Notes:

Weather Conditions:

Clear, 85

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/31/2022 12:09 PM	00:00	6.62 pH	26.05 °C	232.66 µS/cm	4.71 mg/L	2.15 NTU	202.8 mV	9.35 ft	335.00 ml/min
8/31/2022 12:14 PM	05:00	6.70 pH	20.04 °C	260.72 µS/cm	0.63 mg/L	5.19 NTU	511.4 mV	9.35 ft	335.00 ml/min
8/31/2022 12:19 PM	10:00	6.73 pH	19.68 °C	260.32 µS/cm	0.43 mg/L	2.90 NTU	393.7 mV	9.35 ft	335.00 ml/min
8/31/2022 12:24 PM	15:00	6.73 pH	19.74 °C	257.80 µS/cm	0.24 mg/L	2.44 NTU	547.4 mV	9.35 ft	335.00 ml/min
8/31/2022 12:29 PM	20:00	6.74 pH	19.64 °C	258.07 µS/cm	0.19 mg/L	2.27 NTU	390.7 mV	9.35 ft	335.00 ml/min
8/31/2022 12:34 PM	25:00	6.74 pH	19.62 °C	258.01 µS/cm	0.16 mg/L	2.70 NTU	385.4 mV	9.35 ft	335.00 ml/min

Samples

Sample ID:	Description:
GWC-52	

Low-Flow Test Report:

Test Date / Time: 8/31/2022 12:56:12 PM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-53 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 10.81 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.17 in Tubing Length: 27 ft Pump Intake From TOC: 27 ft Estimated Total Volume Pumped: 16.65 L Flow Cell Volume: 90 ml Final Flow Rate: 222 ml/min Final Draw Down: 5.28 in	Instrument Used: Aqua TROLL 400 Serial Number: 883561
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Test Notes:

Weather Conditions:

Clear, 83

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
8/31/2022 12:56 PM	00:00	6.35 pH	24.94 °C	410.25 µS/cm	4.33 mg/L	7.07 NTU	221.7 mV	11.05 ft	222.00 ml/min
8/31/2022 1:01 PM	05:00	5.76 pH	19.28 °C	446.05 µS/cm	0.72 mg/L	35.50 NTU	222.0 mV	11.25 ft	222.00 ml/min
8/31/2022 1:06 PM	10:00	5.72 pH	19.14 °C	450.14 µS/cm	0.43 mg/L	24.49 NTU	217.1 mV	11.25 ft	222.00 ml/min
8/31/2022 1:11 PM	15:00	5.70 pH	19.05 °C	451.23 µS/cm	0.30 mg/L	17.79 NTU	215.6 mV	11.25 ft	222.00 ml/min
8/31/2022 1:16 PM	20:00	5.67 pH	19.01 °C	450.16 µS/cm	0.20 mg/L	15.28 NTU	169.0 mV	11.25 ft	222.00 ml/min
8/31/2022 1:21 PM	25:00	5.64 pH	19.10 °C	449.80 µS/cm	0.14 mg/L	12.60 NTU	163.7 mV	11.25 ft	222.00 ml/min
8/31/2022 1:26 PM	30:00	5.62 pH	18.98 °C	449.23 µS/cm	0.12 mg/L	11.27 NTU	204.2 mV	11.25 ft	222.00 ml/min
8/31/2022 1:31 PM	35:00	5.62 pH	18.92 °C	448.30 µS/cm	0.10 mg/L	10.22 NTU	159.0 mV	11.25 ft	222.00 ml/min
8/31/2022 1:36 PM	40:00	5.61 pH	19.09 °C	449.38 µS/cm	0.09 mg/L	10.45 NTU	198.1 mV	11.25 ft	222.00 ml/min
8/31/2022 1:41 PM	45:00	5.61 pH	19.19 °C	446.48 µS/cm	0.09 mg/L	9.48 NTU	153.0 mV	11.25 ft	222.00 ml/min
8/31/2022 1:46 PM	50:00	5.61 pH	19.25 °C	446.14 µS/cm	0.08 mg/L	8.88 NTU	190.2 mV	11.25 ft	222.00 ml/min
8/31/2022 1:51 PM	55:00	5.60 pH	19.28 °C	447.61 µS/cm	0.09 mg/L	7.89 NTU	147.6 mV	11.25 ft	222.00 ml/min
8/31/2022 1:56 PM	01:00:00	5.60 pH	19.23 °C	446.94 µS/cm	0.10 mg/L	6.98 NTU	184.2 mV	11.25 ft	222.00 ml/min

8/31/2022 2:01 PM	01:05:00	5.60 pH	19.01 °C	447.80 µS/cm	0.08 mg/L	7.39 NTU	143.2 mV	11.25 ft	222.00 ml/min
8/31/2022 2:06 PM	01:10:00	5.60 pH	18.90 °C	448.76 µS/cm	0.08 mg/L	6.55 NTU	138.0 mV	11.25 ft	222.00 ml/min
8/31/2022 2:11 PM	01:15:00	5.59 pH	19.01 °C	448.32 µS/cm	0.09 mg/L	5.10 NTU	174.1 mV	11.25 ft	222.00 ml/min

Samples

Sample ID:	Description:
GWC-53	
EB-6	

Low-Flow Test Report:

Test Date / Time: 8/30/2022 10:47:41 AM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: SWA-1	Pump Type: Grab Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:
Surface water

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3
8/30/2022 10:47 AM	00:00	7.79 pH	27.34 °C	611.60 µS/cm	7.17 mg/L	5.30 NTU	99.2 mV	
8/30/2022 10:48 AM	01:00	7.89 pH	27.34 °C	618.55 µS/cm	7.15 mg/L	4.68 NTU	99.4 mV	

Samples

Sample ID:	Description:
SWA-1	

Low-Flow Test Report:

Test Date / Time: 8/30/2022 3:39:06 PM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: SWA-2	Pump Type: Grab Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3
8/30/2022 3:39 PM	00:00	7.25 pH	25.41 °C	648.58 µS/cm	7.28 mg/L	4.04 NTU	13.2 mV	
8/30/2022 3:40 PM	01:00	7.29 pH	25.44 °C	648.15 µS/cm	7.30 mg/L	4.37 NTU	12.5 mV	

Samples

Sample ID:	Description:
SWA-2	

Low-Flow Test Report:

Test Date / Time: 8/30/2022 3:17:24 PM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: SWA-3	Pump Type: Grab Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3
8/30/2022 3:17 PM	00:00	7.26 pH	25.92 °C	279.47 µS/cm	7.29 mg/L	3.95 NTU	15.2 mV	
8/30/2022 3:18 PM	01:00	7.23 pH	25.74 °C	281.25 µS/cm	7.37 mg/L	5.35 NTU	17.4 mV	

Samples

Sample ID:	Description:
SWA-3	

Low-Flow Test Report:

Test Date / Time: 8/30/2022 12:05:21 PM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: SWC-4	Pump Type: Grab Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Surface water sample

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3
8/30/2022 12:05 PM	00:00	7.76 pH	25.07 °C	404.17 µS/cm	7.31 mg/L	3.63 NTU	81.0 mV	
8/30/2022 12:06 PM	01:00	7.71 pH	24.96 °C	407.73 µS/cm	7.34 mg/L	3.60 NTU	80.4 mV	

Samples

Sample ID:	Description:
SWC-4	

Low-Flow Test Report:

Test Date / Time: 8/30/2022 12:27:13 PM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: SWC-5	Pump Type: Grab Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3
8/30/2022 12:27 PM	00:00	7.31 pH	25.10 °C	313.22 µS/cm	4.24 mg/L	1.65 NTU	50.9 mV	
8/30/2022 12:28 PM	01:00	7.27 pH	25.07 °C	314.71 µS/cm	4.18 mg/L	1.06 NTU	52.3 mV	

Samples

Sample ID:	Description:
SWC-5	

Low-Flow Test Report:

Test Date / Time: 8/30/2022 1:56:34 PM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: SWC-6	Pump Type: Grab Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3
8/30/2022 1:56 PM	00:00	8.08 pH	25.72 °C	141.52 µS/cm	7.51 mg/L	6.11 NTU	22.3 mV	
8/30/2022 1:57 PM	01:00	7.97 pH	25.27 °C	142.55 µS/cm	7.68 mg/L	6.67 NTU	25.7 mV	

Samples

Sample ID:	Description:
SWC-6	

Low-Flow Test Report:

Test Date / Time: 8/30/2022 1:39:11 PM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: SWC-7	Pump Type: Grab Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3
8/30/2022 1:39 PM	00:00	8.06 pH	28.42 °C	588.40 µS/cm	7.11 mg/L	1.06 NTU	51.8 mV	
8/30/2022 1:40 PM	01:00	8.09 pH	28.44 °C	589.44 µS/cm	7.08 mg/L	2.99 NTU	51.9 mV	

Samples

Sample ID:	Description:
SWC-7	

Low-Flow Test Report:

Test Date / Time: 8/30/2022 2:51:37 PM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: SWC-8	Pump Type: Grab Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3
8/30/2022 2:51 PM	00:00	7.37 pH	27.04 °C	466.24 µS/cm	6.67 mg/L	3.60 NTU	33.5 mV	
8/30/2022 2:52 PM	01:00	7.31 pH	26.63 °C	472.00 µS/cm	6.76 mg/L	3.95 NTU	28.7 mV	

Samples

Sample ID:	Description:
SWC-8	

APPENDIX A

Field Data Forms
October 2022

Low-Flow Test Report:

Test Date / Time: 10/25/2022 11:34:00 AM

Project: SCS Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-29 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17 ft Total Depth: 27 ft Initial Depth to Water: 5.82 ft	Pump Type: Dedicated Bladder Pump Tubing Type: LDPE Pump Intake From TOC: 25 ft Estimated Total Volume Pumped: 3665 ml Flow Cell Volume: 90 ml Final Flow Rate: 119 ml/min Final Draw Down: 0.09 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Weather Conditions:

Clear / 73

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/25/2022 11:34 AM	00:00	6.26 pH	19.15 °C	194.47 µS/cm	4.71 mg/L	2.42 NTU	372.0 mV	5.91 ft	138.00 ml/min
10/25/2022 11:39 AM	05:00	6.21 pH	19.37 °C	193.24 µS/cm	1.09 mg/L	1.83 NTU	515.1 mV	5.91 ft	119.00 ml/min
10/25/2022 11:44 AM	10:00	6.21 pH	19.46 °C	193.62 µS/cm	0.95 mg/L	1.56 NTU	511.9 mV	5.90 ft	119.00 ml/min
10/25/2022 11:49 AM	15:00	6.21 pH	19.65 °C	194.10 µS/cm	0.64 mg/L	1.27 NTU	512.8 mV	5.90 ft	119.00 ml/min
10/25/2022 11:54 AM	20:00	6.21 pH	19.68 °C	194.57 µS/cm	0.48 mg/L	0.90 NTU	512.2 mV	5.91 ft	119.00 ml/min
10/25/2022 11:59 AM	25:00	6.21 pH	19.78 °C	195.01 µS/cm	0.37 mg/L	1.18 NTU	377.5 mV	5.91 ft	119.00 ml/min
10/25/2022 12:04 PM	30:00	6.21 pH	19.82 °C	194.79 µS/cm	0.33 mg/L	1.21 NTU	510.5 mV	5.91 ft	119.00 ml/min

Samples

Sample ID:	Description:
GWC-29	

Low-Flow Test Report:

Test Date / Time: 10/25/2022 3:05:35 PM

Project: Plant Scherer (7)

Operator Name: C. Tidwell

Location Name: GWA-45 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26 ft Total Depth: 36 ft Initial Depth to Water: 18.42 ft	Pump Type: QED dedicated Tubing Type: Polyethylene Pump Intake From TOC: 27.51 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.88 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883546
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
10/25/2022 3:05 PM	00:00	6.23 pH	27.87 °C	412.76 µS/cm	7.30 mg/L	9.33 NTU	89.7 mV	18.42 ft	200.00 ml/min
10/25/2022 3:10 PM	05:00	6.01 pH	20.86 °C	444.54 µS/cm	1.43 mg/L	1.21 NTU	66.5 mV	19.30 ft	200.00 ml/min
10/25/2022 3:15 PM	10:00	5.99 pH	21.10 °C	448.31 µS/cm	0.95 mg/L	1.48 NTU	78.6 mV	19.29 ft	200.00 ml/min
10/25/2022 3:20 PM	15:00	5.98 pH	20.73 °C	442.91 µS/cm	1.06 mg/L	0.50 NTU	77.6 mV	19.30 ft	200.00 ml/min
10/25/2022 3:25 PM	20:00	5.99 pH	20.55 °C	445.33 µS/cm	1.23 mg/L	0.93 NTU	75.8 mV	19.30 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 10/25/2022 2:23:29 PM

Project: Plant Scherer (6)

Operator Name: C. Tidwell

Location Name: GWA-46 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 37 ft Total Depth: 47 ft Initial Depth to Water: 32.49 ft	Pump Type: QED dedicated Tubing Type: Polyethylene Pump Intake From TOC: 38.44 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.47 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883546
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
10/25/2022 2:23 PM	00:00	6.09 pH	23.16 °C	69.32 µS/cm	3.38 mg/L	5.63 NTU	103.4 mV	32.49 ft	200.00 ml/min
10/25/2022 2:28 PM	05:00	5.89 pH	21.33 °C	71.56 µS/cm	2.30 mg/L	1.12 NTU	89.7 mV	32.95 ft	200.00 ml/min
10/25/2022 2:33 PM	10:00	5.87 pH	21.13 °C	72.15 µS/cm	2.00 mg/L	0.98 NTU	106.3 mV	32.95 ft	200.00 ml/min
10/25/2022 2:38 PM	15:00	5.88 pH	21.44 °C	73.08 µS/cm	1.93 mg/L	0.47 NTU	84.4 mV	32.95 ft	200.00 ml/min
10/25/2022 2:43 PM	20:00	5.88 pH	21.40 °C	73.51 µS/cm	1.90 mg/L	0.45 NTU	80.1 mV	32.96 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 10/25/2022 1:41:11 PM

Project: Plant Scherer (5)

Operator Name: C. Tidwell

Location Name: GWA-47 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 46.55 ft Total Depth: 56.55 ft	Pump Type: QED dedicated Tubing Type: Polyethylene Pump Intake From TOC: 48.02 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883546
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
10/25/2022 1:41 PM	00:00	6.60 pH	21.77 °C	127.70 µS/cm	5.65 mg/L	2.33 NTU	85.8 mV	38.88 ft	200.00 ml/min
10/25/2022 1:46 PM	05:00	6.50 pH	21.72 °C	130.81 µS/cm	5.45 mg/L	1.74 NTU	76.5 mV	39.80 ft	200.00 ml/min
10/25/2022 1:51 PM	10:00	6.48 pH	22.24 °C	130.60 µS/cm	5.24 mg/L	1.35 NTU	72.9 mV	39.85 ft	200.00 ml/min
10/25/2022 1:56 PM	15:00	6.48 pH	21.72 °C	130.41 µS/cm	5.20 mg/L	0.76 NTU	69.6 mV	39.88 ft	200.00 ml/min
10/25/2022 2:01 PM	20:00	6.48 pH	21.89 °C	130.20 µS/cm	5.15 mg/L	0.66 NTU	87.6 mV	39.91 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 10/25/2022 12:53:01 PM

Project: Plant Scherer (4)

Operator Name: C. Tidwell

Location Name: GWA-48 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 63.92 ft Total Depth: 73.92 ft Initial Depth to Water: 37.31 ft	Pump Type: QED dedicated Tubing Type: Polyethylene Pump Intake From TOC: 68.6 ft Estimated Total Volume Pumped: 4356.667 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.18 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883546
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
10/25/2022 12:53 PM	00:00	7.40 pH	30.35 °C	0.00 µS/cm	6.88 mg/L	5.89 NTU	26.0 mV	37.31 ft	200.00 ml/min
10/25/2022 12:58 PM	05:00	6.76 pH	27.04 °C	118.84 µS/cm	6.68 mg/L	0.60 NTU	77.4 mV	37.55 ft	200.00 ml/min
10/25/2022 1:03 PM	10:00	6.75 pH	23.86 °C	121.19 µS/cm	5.52 mg/L	1.26 NTU	69.9 mV	38.19 ft	200.00 ml/min
10/25/2022 1:04 PM	11:47	6.77 pH	23.49 °C	121.95 µS/cm	5.38 mg/L	1.26 NTU	82.1 mV	38.19 ft	200.00 ml/min
10/25/2022 1:09 PM	16:47	6.80 pH	23.05 °C	122.51 µS/cm	5.27 mg/L	1.09 NTU	67.4 mV	38.43 ft	200.00 ml/min
10/25/2022 1:14 PM	21:47	6.81 pH	22.84 °C	122.57 µS/cm	5.24 mg/L	0.89 NTU	66.3 mV	38.49 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 10/25/2022 11:54:33 AM

Project: Plant Scherer (3)

Operator Name: C. Tidwell

Location Name: GWA-49 Latitude: 38.0213631402353 Longitude: -94.2188153788447 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 31 ft Total Depth: 41 ft Initial Depth to Water: 12.83 ft	Pump Type: QED dedicated Tubing Type: Polyethylene Pump Intake From TOC: 32.41 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.1 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883546
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
10/25/2022 11:54 AM	00:00	6.91 pH	20.10 °C	146.74 µS/cm	7.23 mg/L	16.80 NTU	52.6 mV	12.83 ft	200.00 ml/min
10/25/2022 11:59 AM	05:00	6.93 pH	19.65 °C	145.90 µS/cm	7.08 mg/L	7.73 NTU	54.9 mV	13.09 ft	200.00 ml/min
10/25/2022 12:04 PM	10:00	6.95 pH	19.79 °C	149.25 µS/cm	7.16 mg/L	11.20 NTU	55.2 mV	13.74 ft	200.00 ml/min
10/25/2022 12:09 PM	15:00	6.95 pH	20.90 °C	147.47 µS/cm	7.21 mg/L	6.83 NTU	56.8 mV	13.85 ft	200.00 ml/min
10/25/2022 12:14 PM	20:00	6.94 pH	21.08 °C	146.76 µS/cm	7.16 mg/L	4.54 NTU	60.3 mV	13.90 ft	200.00 ml/min
10/25/2022 12:19 PM	25:00	6.96 pH	21.08 °C	146.64 µS/cm	7.09 mg/L	2.55 NTU	60.1 mV	13.93 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 10/25/2022 9:13:11 AM

Project: SCS Plant Schaefer

Operator Name: Duane Fulton

Location Name: GWC-50 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26.3 ft Total Depth: 36.3 ft Initial Depth to Water: 9.32 ft	Pump Type: Dedicated Bladder Pump Tubing Type: LDPE Pump Intake From TOC: 31 ft Estimated Total Volume Pumped: 19840 ml Flow Cell Volume: 90 ml Final Flow Rate: 65 ml/min Final Draw Down: 0.21 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Weather Conditions:

Clear / 53

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/25/2022 9:13 AM	00:00	6.15 pH	13.15 °C	98.00 µS/cm	8.46 mg/L	8.18 NTU	180.9 mV	9.62 ft	225.00 ml/min
10/25/2022 9:18 AM	05:00	5.86 pH	17.20 °C	84.46 µS/cm	0.92 mg/L	8.10 NTU	361.5 mV	9.65 ft	150.00 ml/min
10/25/2022 9:23 AM	10:00	5.86 pH	17.66 °C	83.31 µS/cm	1.10 mg/L	11.30 NTU	521.2 mV	9.60 ft	142.00 ml/min
10/25/2022 9:28 AM	15:00	5.86 pH	17.82 °C	83.64 µS/cm	0.81 mg/L	12.60 NTU	411.9 mV	9.62 ft	142.00 ml/min
10/25/2022 9:33 AM	20:00	5.86 pH	17.77 °C	83.39 µS/cm	0.70 mg/L	13.40 NTU	410.7 mV	9.62 ft	142.00 ml/min
10/25/2022 9:38 AM	25:00	5.86 pH	17.98 °C	83.73 µS/cm	0.48 mg/L	12.30 NTU	419.0 mV	9.62 ft	142.00 ml/min
10/25/2022 9:43 AM	30:00	5.86 pH	18.71 °C	82.49 µS/cm	0.49 mg/L	16.70 NTU	551.8 mV	10.13 ft	454.00 ml/min
10/25/2022 9:48 AM	35:00	5.87 pH	18.77 °C	83.18 µS/cm	0.32 mg/L	16.60 NTU	425.4 mV	10.23 ft	454.00 ml/min
10/25/2022 9:53 AM	40:00	5.87 pH	18.77 °C	83.86 µS/cm	0.24 mg/L	19.10 NTU	424.7 mV	10.23 ft	454.00 ml/min
10/25/2022 9:58 AM	45:00	5.87 pH	18.78 °C	84.54 µS/cm	0.23 mg/L	15.30 NTU	421.1 mV	10.25 ft	454.00 ml/min
10/25/2022 10:03 AM	50:00	5.86 pH	18.79 °C	84.93 µS/cm	0.25 mg/L	15.30 NTU	430.6 mV	10.23 ft	454.00 ml/min
10/25/2022 10:08 AM	55:00	5.88 pH	18.25 °C	85.04 µS/cm	0.28 mg/L	14.00 NTU	414.1 mV	9.71 ft	119.00 ml/min
10/25/2022 10:13 AM	01:00:00	5.89 pH	18.10 °C	85.55 µS/cm	0.38 mg/L	12.62 NTU	408.6 mV	9.62 ft	119.00 ml/min

10/25/2022 10:18 AM	01:05:00	5.89 pH	17.80 °C	86.41 µS/cm	0.44 mg/L	11.20 NTU	408.6 mV	9.52 ft	65.00 ml/min
10/25/2022 10:23 AM	01:10:00	5.89 pH	17.99 °C	86.32 µS/cm	0.45 mg/L	9.70 NTU	417.3 mV	9.55 ft	65.00 ml/min
10/25/2022 10:28 AM	01:15:00	5.88 pH	18.06 °C	86.05 µS/cm	0.45 mg/L	8.25 NTU	424.4 mV	9.55 ft	65.00 ml/min
10/25/2022 10:33 AM	01:20:00	5.88 pH	18.13 °C	85.95 µS/cm	0.45 mg/L	7.19 NTU	424.0 mV	9.55 ft	65.00 ml/min
10/25/2022 10:38 AM	01:25:00	5.88 pH	18.26 °C	85.75 µS/cm	0.44 mg/L	7.00 NTU	418.2 mV	9.48 ft	65.00 ml/min
10/25/2022 10:43 AM	01:30:00	5.88 pH	18.35 °C	85.75 µS/cm	0.44 mg/L	6.98 NTU	421.8 mV	9.53 ft	62.00 ml/min
10/25/2022 10:48 AM	01:35:00	5.89 pH	18.39 °C	85.75 µS/cm	0.45 mg/L	6.10 NTU	423.6 mV	9.52 ft	65.00 ml/min
10/25/2022 10:53 AM	01:40:00	5.89 pH	18.43 °C	85.69 µS/cm	0.48 mg/L	5.64 NTU	421.2 mV	9.53 ft	65.00 ml/min
10/25/2022 10:58 AM	01:45:00	5.89 pH	18.52 °C	85.85 µS/cm	0.47 mg/L	4.88 NTU	427.2 mV	9.53 ft	65.00 ml/min

Samples

Sample ID:	Description:
GWC-50	

Low-Flow Test Report:

Test Date / Time: 10/25/2022 2:39:09 PM

Project: SCS Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-51 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 16.8 ft Total Depth: 26.8 ft Initial Depth to Water: 9.16 ft	Pump Type: Alexis Peri Pump Tubing Type: LDPE Pump Intake From TOC: 21 ft Estimated Total Volume Pumped: 4375 ml Flow Cell Volume: 90 ml Final Flow Rate: 225 ml/min Final Draw Down: 0.2 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Weather Conditions:

Clear / 78

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/25/2022 2:39 PM	00:00	6.02 pH	23.29 °C	104.73 µS/cm	1.59 mg/L	5.64 NTU	299.4 mV	9.35 ft	200.00 ml/min
10/25/2022 2:44 PM	05:00	5.95 pH	20.93 °C	101.92 µS/cm	0.07 mg/L	5.82 NTU	430.3 mV	9.36 ft	225.00 ml/min
10/25/2022 2:49 PM	10:00	5.93 pH	20.68 °C	101.38 µS/cm	0.03 mg/L	3.75 NTU	439.2 mV	9.36 ft	225.00 ml/min
10/25/2022 2:54 PM	15:00	5.94 pH	20.63 °C	102.26 µS/cm	0.02 mg/L	2.36 NTU	432.5 mV	9.36 ft	225.00 ml/min
10/25/2022 2:59 PM	20:00	5.94 pH	20.61 °C	102.29 µS/cm	0.01 mg/L	1.76 NTU	430.4 mV	9.36 ft	225.00 ml/min

Samples

Sample ID:	Description:
GWC-51	

Low-Flow Test Report:

Test Date / Time: 10/25/2022 12:36:56 PM

Project: SCS Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-52 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 9.38 ft	Pump Type: Dedicated Bladder Pump Tubing Type: LDPE Pump Intake From TOC: 28 ft Estimated Total Volume Pumped: 11250 ml Flow Cell Volume: 90 ml Final Flow Rate: 550 ml/min Final Draw Down: 0.37 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Weather Conditions:

Clear /73

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/25/2022 12:36 PM	00:00	6.77 pH	21.37 °C	245.63 µS/cm	6.09 mg/L	1.47 NTU	302.3 mV	9.70 ft	600.00 ml/min
10/25/2022 12:41 PM	05:00	6.66 pH	18.97 °C	264.22 µS/cm	0.37 mg/L	1.98 NTU	536.8 mV	9.75 ft	550.00 ml/min
10/25/2022 12:46 PM	10:00	6.65 pH	18.89 °C	260.70 µS/cm	0.17 mg/L	1.87 NTU	531.7 mV	9.75 ft	550.00 ml/min
10/25/2022 12:51 PM	15:00	6.65 pH	18.88 °C	261.35 µS/cm	0.16 mg/L	1.62 NTU	377.8 mV	9.75 ft	550.00 ml/min
10/25/2022 12:56 PM	20:00	6.65 pH	18.88 °C	260.71 µS/cm	0.15 mg/L	1.70 NTU	525.7 mV	9.75 ft	550.00 ml/min

Samples

Sample ID:	Description:
GWC-52	

Low-Flow Test Report:

Test Date / Time: 10/25/2022 1:32:29 PM

Project: SCS Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-53 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 11.64 ft	Pump Type: Dedicated Bladder Pump Tubing Type: LDPE Pump Intake From TOC: 28 ft Estimated Total Volume Pumped: 7050 ml Flow Cell Volume: 90 ml Final Flow Rate: 235 ml/min Final Draw Down: 0.51 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Weather Conditions:

Clear / 77

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/25/2022 1:32 PM	00:00	6.39 pH	21.25 °C	413.72 µS/cm	4.63 mg/L	4.52 NTU	287.9 mV	12.09 ft	235.00 ml/min
10/25/2022 1:37 PM	05:00	5.77 pH	18.54 °C	445.10 µS/cm	0.71 mg/L	8.09 NTU	176.3 mV	12.09 ft	235.00 ml/min
10/25/2022 1:42 PM	10:00	5.73 pH	18.30 °C	446.15 µS/cm	0.52 mg/L	6.42 NTU	192.3 mV	12.10 ft	235.00 ml/min
10/25/2022 1:47 PM	15:00	5.69 pH	18.35 °C	446.77 µS/cm	0.34 mg/L	5.52 NTU	181.9 mV	12.09 ft	235.00 ml/min
10/25/2022 1:52 PM	20:00	5.67 pH	18.37 °C	447.12 µS/cm	0.24 mg/L	5.50 NTU	129.1 mV	12.15 ft	235.00 ml/min
10/25/2022 1:57 PM	25:00	5.65 pH	18.33 °C	445.97 µS/cm	0.19 mg/L	4.33 NTU	165.7 mV	12.15 ft	235.00 ml/min
10/25/2022 2:02 PM	30:00	5.64 pH	18.45 °C	446.39 µS/cm	0.16 mg/L	4.17 NTU	162.9 mV	12.15 ft	235.00 ml/min

Samples

Sample ID:	Description:
GWC-53	

Low-Flow Test Report:

Test Date / Time: 10/26/2022 13:05:47 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: SWA-1	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 883546
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
10/26/2022 13:05:47 PM	00:00:00	9.00 pH	25.93 °C	499.65 µS/cm	11.83 mg/L		21.16 mV	
10/26/2022 13:05:52 PM	00:00:05	9.00 pH	25.93 °C	499.66 µS/cm	11.85 mg/L	5.76 NTU	22.2 mV	

Samples

Sample ID:	Description:
SWA-1	

Low-Flow Test Report:

Test Date / Time: 10/26/2022 10:10:44 AM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: SWA-2	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 883546
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
10/26/2022 10:10:49 AM	00:00:00	7.33 pH	17.37 °C	981.44 µS/cm	126.86 mg/L		209.42 mV	
10/26/2022 10:10:54 AM	00:00:05	7.33 pH	17.42 °C	980.88 µS/cm	126.85 mg/L	5.76 NTU	209.48 mV	

Samples

Sample ID:	Description:
SWA-2	

Low-Flow Test Report:

Test Date / Time: 10/25/2022 15:54:38 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: SWA-3	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
10/25/2022 15:56:08 PM	00:00:00	6.86 pH	21.51 °C	250.11 µS/cm	7.22 mg/L		48.88 mV	
10/25/2022 15:56:18 PM	00:00:10	6.87pH	21.26 °C	252.09 µS/cm	7.28 mg/L	2.33 NTU	47.54 mV	

Samples

Sample ID:	Description:
SWA-3	

Low-Flow Test Report:

Test Date / Time: 10/26/2022 12:40:46 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: SWC-4	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 883546
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
10/26/2022 12:40:51 PM	00:00:00	7.46 pH	17.83 °C	355.62 µS/cm	9.88 mg/L		14.99 mV	
10/26/2022 12:40:56 PM	00:00:05	7.46 pH	17.85 °C	355.83 µS/cm	10.09 mg/L	4.27 NTU	14.19 mV	

Samples

Sample ID:	Description:
SWC-4	

Low-Flow Test Report:

Test Date / Time: 10/26/2022 10:54:56 AM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: SWC-5	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 883546
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
10/26/2022 10:55:00 AM	00:00:00	7.17 pH	17.65 °C	284.27 µS/cm	3.65 mg/L	53.4 NTU	-16.58 mV	

Samples

Sample ID:	Description:
SWC-5	

Low-Flow Test Report:

Test Date / Time: 10/26/2022 11:52:48 AM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: SWC-6	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 883546
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
10/26/2022 11:52:48 AM	00:00:00	7.42 pH	18.32 °C	139.03 µS/cm	8.16 mg/L		34.24 mV	
10/26/2022 11:52:53 AM	00:00:05	7.42 pH	18.32 °C	139.03 µS/cm	8.16 mg/L	4.78 NTU	34.24 mV	

Samples

Sample ID:	Description:
SWC-6	

Low-Flow Test Report:

Test Date / Time: 10/26/2022 12:10:11 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: SWC-7	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 883546
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
10/26/2022 12:10:11 PM	00:00:00	7.48 pH	17.07 °C	376.43 µS/cm	9.64 mg/L		34.23 mV	
10/26/2022 12:10:16 PM	00:00:05	7.49 pH	17.07 °C	376.62 µS/cm	9.64 mg/L	3.54 NTU	35.18 mV	

Samples

Sample ID:	Description:
SWC-7	

Low-Flow Test Report:

Test Date / Time: 10/25/2022 16:15:01 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: SWC-8	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
10/25/2022 16:15:01 PM	00:00:00	6.93 pH	18.53 °C	446.36 µS/cm	6.65 mg/L		18.92 mV	
10/25/2022 16:15:11 PM	00:00:10	6.93 pH	18.49 °C	446.92 µS/cm	6.67 mg/L	4.12 NTU	19.08mV	

Samples

Sample ID:	Description:
SWC-8	

APPENDIX A

Field Data Forms
November 2022

Low-Flow Test Report:

Test Date / Time: 11/16/2022 1:00:33 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-29 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17 ft Total Depth: 27 ft Initial Depth to Water: 5.75 ft	Pump Type: QED dedicated Tubing Type: Polyethylene Pump Intake From TOC: 18.35 ft Estimated Total Volume Pumped: 15900 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.24 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
11/16/2022 1:00 PM	00:00	6.13 pH	17.23 °C	185.11 µS/cm	0.50 mg/L	2.17 NTU	279.4 mV	5.75 ft	200.00 ml/min
11/16/2022 1:05 PM	05:00	6.14 pH	17.24 °C	187.79 µS/cm	1.36 mg/L	1.61 NTU	271.2 mV	5.91 ft	200.00 ml/min
11/16/2022 1:10 PM	10:00	6.15 pH	17.41 °C	187.15 µS/cm	2.71 mg/L	1.33 NTU	338.2 mV	5.92 ft	200.00 ml/min
11/16/2022 1:15 PM	15:00	6.14 pH	17.75 °C	185.77 µS/cm	1.30 mg/L	1.19 NTU	350.5 mV	5.94 ft	200.00 ml/min
11/16/2022 1:20 PM	20:00	6.14 pH	17.54 °C	186.07 µS/cm	2.28 mg/L	1.09 NTU	357.2 mV	5.94 ft	200.00 ml/min
11/16/2022 1:25 PM	25:00	6.14 pH	17.36 °C	186.40 µS/cm	2.02 mg/L	0.99 NTU	360.2 mV	5.95 ft	200.00 ml/min
11/16/2022 1:30 PM	30:00	6.14 pH	17.42 °C	186.37 µS/cm	2.31 mg/L	0.97 NTU	369.7 mV	5.95 ft	180.00 ml/min
11/16/2022 1:35 PM	35:00	6.15 pH	17.58 °C	185.89 µS/cm	1.27 mg/L	0.92 NTU	375.1 mV	5.96 ft	180.00 ml/min
11/16/2022 1:40 PM	40:00	6.13 pH	16.82 °C	186.40 µS/cm	1.94 mg/L	0.85 NTU	373.6 mV	5.96 ft	180.00 ml/min
11/16/2022 1:45 PM	45:00	6.13 pH	17.48 °C	189.36 µS/cm	3.04 mg/L	0.77 NTU	393.0 mV	5.97 ft	180.00 ml/min
11/16/2022 1:50 PM	50:00	6.14 pH	18.17 °C	187.46 µS/cm	2.07 mg/L	0.81 NTU	401.2 mV	5.96 ft	180.00 ml/min
11/16/2022 1:55 PM	55:00	6.14 pH	18.03 °C	187.08 µS/cm	1.71 mg/L	0.78 NTU	404.5 mV	5.97 ft	180.00 ml/min
11/16/2022 2:00 PM	01:00:00	6.14 pH	18.07 °C	186.57 µS/cm	1.52 mg/L	0.75 NTU	333.6 mV	5.96 ft	180.00 ml/min
11/16/2022 2:05 PM	01:05:00	6.13 pH	18.11 °C	187.14 µS/cm	1.31 mg/L	0.71 NTU	426.8 mV	5.97 ft	180.00 ml/min
11/16/2022 2:10 PM	01:10:00	6.14 pH	18.28 °C	187.19 µS/cm	1.15 mg/L	0.69 NTU	340.8 mV	5.97 ft	180.00 ml/min

11/16/2022 2:15 PM	01:15:00	6.13 pH	18.26 °C	187.13 µS/cm	0.94 mg/L	0.71 NTU	436.9 mV	5.98 ft	180.00 ml/min
11/16/2022 2:20 PM	01:20:00	6.14 pH	18.12 °C	186.24 µS/cm	0.89 mg/L	0.68 NTU	449.3 mV	5.98 ft	180.00 ml/min
11/16/2022 2:25 PM	01:25:00	6.14 pH	18.26 °C	186.59 µS/cm	0.75 mg/L	0.72 NTU	360.8 mV	5.99 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 11/16/2022 1:16:01 PM

Project: Plant Scherer

Operator Name: C. Mikilitus

Location Name: GWA-45 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26 ft Total Depth: 36 ft Initial Depth to Water: 19.44 ft	Pump Type: QED dedicated Tubing Type: Polyethylene Pump Intake From TOC: 27.51 ft Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.19 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
11/16/2022 1:16 PM	00:00	5.99 pH	17.72 °C	461.33 µS/cm	0.99 mg/L	14.30 NTU	104.9 mV	19.44 ft	180.00 ml/min
11/16/2022 1:21 PM	05:00	6.00 pH	17.41 °C	472.00 µS/cm	0.72 mg/L	5.92 NTU	130.3 mV	19.61 ft	180.00 ml/min
11/16/2022 1:26 PM	10:00	5.99 pH	17.37 °C	472.07 µS/cm	0.46 mg/L	3.41 NTU	127.5 mV	19.65 ft	180.00 ml/min
11/16/2022 1:31 PM	15:00	6.00 pH	17.32 °C	470.87 µS/cm	0.32 mg/L	1.88 NTU	131.2 mV	19.68 ft	180.00 ml/min
11/16/2022 1:36 PM	20:00	6.01 pH	17.31 °C	475.89 µS/cm	0.29 mg/L	1.91 NTU	99.7 mV	19.65 ft	180.00 ml/min
11/16/2022 1:41 PM	25:00	6.02 pH	17.35 °C	468.80 µS/cm	0.28 mg/L	1.27 NTU	121.6 mV	19.63 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 11/16/2022 12:28:25 PM

Project: Plant Scherer

Operator Name: C. Mikilitus

Location Name: GWA-46 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 37 ft Total Depth: 47 ft Initial Depth to Water: 32.89 ft	Pump Type: QED dedicated Tubing Type: Poly Pump Intake From TOC: 38.44 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
11/16/2022 12:28 PM	00:00	6.02 pH	17.49 °C	75.73 µS/cm	3.03 mg/L	0.25 NTU	133.6 mV	33.26 ft	200.00 ml/min
11/16/2022 12:33 PM	05:00	5.92 pH	17.54 °C	73.99 µS/cm	2.63 mg/L	0.29 NTU	134.3 mV	33.29 ft	200.00 ml/min
11/16/2022 12:38 PM	10:00	5.87 pH	17.50 °C	73.95 µS/cm	2.39 mg/L	0.17 NTU	133.7 mV	33.25 ft	200.00 ml/min
11/16/2022 12:43 PM	15:00	5.87 pH	17.57 °C	74.76 µS/cm	2.17 mg/L	0.21 NTU	132.6 mV	33.30 ft	200.00 ml/min
11/16/2022 12:48 PM	20:00	5.88 pH	17.50 °C	75.17 µS/cm	2.08 mg/L	0.17 NTU	131.1 mV	33.32 ft	200.00 ml/min
11/16/2022 12:53 PM	25:00	5.88 pH	17.57 °C	75.56 µS/cm	2.06 mg/L	0.15 NTU	132.1 mV	33.31 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 11/16/2022 11:48:37 AM

Project: Plant Scherer

Operator Name: C. Mikilitus

Location Name: GWA-47 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 46.55 ft Total Depth: 56.55 ft Initial Depth to Water: 39.30 ft	Pump Type: QED dedicated Tubing Type: Poly Pump Intake From TOC: 48.02 ft Estimated Total Volume Pumped: 3600 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.74 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
11/16/2022 11:48 AM	00:00	6.64 pH	17.90 °C	140.69 µS/cm	6.11 mg/L	0.37 NTU	119.3 mV	39.95 ft	180.00 ml/min
11/16/2022 11:53 AM	05:00	6.53 pH	17.77 °C	136.31 µS/cm	5.89 mg/L	0.37 NTU	141.4 mV	40.46 ft	180.00 ml/min
11/16/2022 11:58 AM	10:00	6.52 pH	17.68 °C	135.20 µS/cm	5.67 mg/L	0.32 NTU	139.5 mV	40.61 ft	180.00 ml/min
11/16/2022 12:03 PM	15:00	6.51 pH	17.72 °C	135.13 µS/cm	5.58 mg/L	0.44 NTU	138.2 mV	40.68 ft	180.00 ml/min
11/16/2022 12:08 PM	20:00	6.51 pH	17.67 °C	135.45 µS/cm	5.56 mg/L	0.32 NTU	137.6 mV	40.69 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 11/16/2022 11:01:18 AM

Project: Plant Scherer

Operator Name: C. Mikilitus

Location Name: GWA-48 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 63.92 ft Total Depth: 73.92 ft Initial Depth to Water: 37.78 ft	Pump Type: QED dedicated Tubing Type: Poly Pump Intake From TOC: 68.6 ft Estimated Total Volume Pumped: 3200 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.52 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
11/16/2022 11:01 AM	00:00	6.81 pH	18.53 °C	130.10 µS/cm	6.06 mg/L	1.68 NTU	125.5 mV	39.47 ft	160.00 ml/min
11/16/2022 11:06 AM	05:00	6.83 pH	18.62 °C	127.05 µS/cm	6.01 mg/L	1.48 NTU	137.6 mV	39.78 ft	160.00 ml/min
11/16/2022 11:11 AM	10:00	6.83 pH	18.35 °C	128.16 µS/cm	5.79 mg/L	1.34 NTU	146.7 mV	39.92 ft	160.00 ml/min
11/16/2022 11:16 AM	15:00	6.82 pH	18.51 °C	127.37 µS/cm	5.73 mg/L	2.19 NTU	156.8 mV	39.95 ft	160.00 ml/min
11/16/2022 11:21 AM	20:00	6.83 pH	18.55 °C	127.90 µS/cm	5.91 mg/L	2.60 NTU	150.0 mV	39.99 ft	160.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 11/16/2022 10:02:39 AM

Project: Plant Scherer

Operator Name: C. Mikilitus

Location Name: GWA-49 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 31 ft Total Depth: 41 ft Initial Depth to Water: 12.96 ft	Pump Type: QED dedicated Tubing Type: Poly Pump Intake From TOC: 32.41 ft Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.75 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
11/16/2022 10:02 AM	00:00	7.05 pH	14.26 °C	159.92 µS/cm	9.37 mg/L	1.52 NTU	126.8 mV	12.96 ft	180.00 ml/min
11/16/2022 10:03 AM	00:39	6.91 pH	15.51 °C	155.04 µS/cm	8.33 mg/L	1.52 NTU	139.2 mV	12.96 ft	180.00 ml/min
11/16/2022 10:08 AM	05:39	6.89 pH	17.10 °C	150.74 µS/cm	7.20 mg/L	2.95 NTU	96.7 mV	13.70 ft	180.00 ml/min
11/16/2022 10:13 AM	10:39	6.89 pH	17.30 °C	149.32 µS/cm	7.09 mg/L	4.05 NTU	95.3 mV	13.71 ft	180.00 ml/min
11/16/2022 10:18 AM	15:39	6.90 pH	17.24 °C	150.36 µS/cm	7.08 mg/L	4.88 NTU	99.9 mV	13.69 ft	180.00 ml/min
11/16/2022 10:23 AM	20:39	6.91 pH	17.36 °C	151.54 µS/cm	7.07 mg/L	4.90 NTU	102.5 mV	13.71 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 11/16/2022 12:20:03 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-50 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26.3 ft Total Depth: 36.3 ft Initial Depth to Water: 9.3 ft	Pump Type: QED dedicated Tubing Type: Polyethylene Pump Intake From TOC: 28.07 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.36 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
11/16/2022 12:20 PM	00:00	6.19 pH	16.19 °C	84.49 µS/cm	4.40 mg/L	19.00 NTU	26.4 mV	9.30 ft	200.00 ml/min
11/16/2022 12:25 PM	05:00	5.83 pH	17.44 °C	81.13 µS/cm	2.08 mg/L	5.86 NTU	86.8 mV	9.65 ft	200.00 ml/min
11/16/2022 12:30 PM	10:00	5.82 pH	17.49 °C	80.96 µS/cm	1.94 mg/L	5.68 NTU	167.8 mV	9.66 ft	200.00 ml/min
11/16/2022 12:35 PM	15:00	5.81 pH	17.71 °C	81.05 µS/cm	1.95 mg/L	4.90 NTU	234.0 mV	9.67 ft	200.00 ml/min
11/16/2022 12:40 PM	20:00	5.81 pH	17.72 °C	81.53 µS/cm	2.24 mg/L	4.38 NTU	279.1 mV	9.66 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 11/16/2022 3:34:45 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-51 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 16.8 ft Total Depth: 26.8 ft Initial Depth to Water: 9.11 ft	Pump Type: QED dedicated Tubing Type: Polyethylene Pump Intake From TOC: 22 ft Estimated Total Volume Pumped: 3200 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.06 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
11/16/2022 3:34 PM	00:00	5.95 pH	16.83 °C	102.86 µS/cm	0.90 mg/L	0.45 NTU	213.0 mV	9.11 ft	160.00 ml/min
11/16/2022 3:39 PM	05:00	5.90 pH	17.19 °C	100.44 µS/cm	0.57 mg/L	0.46 NTU	446.7 mV	9.14 ft	160.00 ml/min
11/16/2022 3:44 PM	10:00	5.88 pH	17.24 °C	99.87 µS/cm	0.45 mg/L	0.39 NTU	412.1 mV	9.15 ft	160.00 ml/min
11/16/2022 3:49 PM	15:00	5.88 pH	17.38 °C	99.57 µS/cm	0.41 mg/L	0.33 NTU	432.9 mV	9.16 ft	160.00 ml/min
11/16/2022 3:54 PM	20:00	5.87 pH	17.41 °C	99.62 µS/cm	0.36 mg/L	0.23 NTU	441.1 mV	9.17 ft	160.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 11/16/2022 4:12:40 PM

Project: Plant Scherer

Operator Name: C. Mikilitus

Location Name: GWC-52 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 9.35 ft	Pump Type: QED dedicated Tubing Type: Poly Pump Intake From TOC: 24.35 ft Estimated Total Volume Pumped: 4800 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.02 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
11/16/2022 4:12 PM	00:00	6.65 pH	16.75 °C	284.99 µS/cm	1.73 mg/L	0.39 NTU	291.1 mV	9.54 ft	160.00 ml/min
11/16/2022 4:17 PM	05:00	6.65 pH	17.42 °C	272.72 µS/cm	1.20 mg/L	0.92 NTU	390.0 mV	9.52 ft	160.00 ml/min
11/16/2022 4:22 PM	10:00	6.64 pH	17.41 °C	268.01 µS/cm	1.18 mg/L	0.71 NTU	520.0 mV	9.54 ft	160.00 ml/min
11/16/2022 4:27 PM	15:00	6.65 pH	17.46 °C	266.79 µS/cm	1.00 mg/L	0.63 NTU	530.5 mV	9.53 ft	160.00 ml/min
11/16/2022 4:32 PM	20:00	6.65 pH	17.53 °C	266.96 µS/cm	1.02 mg/L	0.89 NTU	531.7 mV	9.56 ft	160.00 ml/min
11/16/2022 4:37 PM	25:00	6.65 pH	17.55 °C	266.02 µS/cm	1.00 mg/L	1.00 NTU	533.0 mV	9.57 ft	160.00 ml/min
11/16/2022 4:42 PM	30:00	6.65 pH	17.46 °C	264.90 µS/cm	1.02 mg/L	1.01 NTU	532.9 mV	9.56 ft	160.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 11/16/2022 2:08:08 PM

Project: Plant Scherer

Operator Name: C. Mikilitus

Location Name: GWC-53 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 22.8 ft Total Depth: 32.8 ft Initial Depth to Water: 12.2 ft	Pump Type: QED dedicated Tubing Type: Polyethylene Pump Intake From TOC: 24.19 ft Estimated Total Volume Pumped: 5600 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: -0.01 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883530
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
11/16/2022 2:08 PM	00:00	5.77 pH	16.98 °C	450.79 µS/cm	0.89 mg/L	16.20 NTU	128.1 mV	12.20 ft	160.00 ml/min
11/16/2022 2:13 PM	05:00	5.74 pH	16.97 °C	444.65 µS/cm	0.69 mg/L	11.80 NTU	120.9 mV	12.18 ft	160.00 ml/min
11/16/2022 2:18 PM	10:00	5.72 pH	17.02 °C	450.17 µS/cm	0.74 mg/L	10.70 NTU	158.1 mV	12.21 ft	160.00 ml/min
11/16/2022 2:23 PM	15:00	5.69 pH	17.04 °C	449.38 µS/cm	0.68 mg/L	9.29 NTU	163.7 mV	12.23 ft	160.00 ml/min
11/16/2022 2:28 PM	20:00	5.68 pH	17.10 °C	448.47 µS/cm	0.69 mg/L	8.22 NTU	162.8 mV	12.22 ft	160.00 ml/min
11/16/2022 2:33 PM	25:00	5.66 pH	17.15 °C	448.71 µS/cm	0.65 mg/L	6.13 NTU	161.5 mV	12.23 ft	160.00 ml/min
11/16/2022 2:38 PM	30:00	5.65 pH	17.11 °C	447.27 µS/cm	0.68 mg/L	5.84 NTU	162.1 mV	12.21 ft	160.00 ml/min
11/16/2022 2:43 PM	35:00	5.65 pH	17.10 °C	446.68 µS/cm	0.63 mg/L	4.14 NTU	164.3 mV	12.19 ft	160.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 11/16/2022 16:05:00 PM

Project: Plant Scherer

Operator Name: C. Tidwell

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

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
11/16/2022 16:05:36 PM	00:00:00	6.50 pH	13.98 °C	410.18 µS/cm	10.52 mg/L		109.55 mV	
11/16/2022 16:05:41 PM	00:00:05	6.50 pH	13.98 °C	410.18 µS/cm	10.52 mg/L	3.55 NTU	109.55 mV	

Samples

Sample ID:	Description:
SWA-3	

Low-Flow Test Report:

Test Date / Time: 11/16/2022 16:35:00 PM

Project: Plant Scherer

Operator Name: C. Tidwell

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

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
11/16/2022 16:35:00 PM	00:00:00	6.58 pH	13.81 °C	424.52 µS/cm	10.32 mg/L		70.98 mV	
11/16/2022 16:35:05 PM	00:00:05	6.58 pH	13.81 °C	424.52 µS/cm	10.32 mg/L	14.7 NTU	70.98 mV	

Samples

Sample ID:	Description:
SWC-8	

APPENDIX A

Field Data Forms
December 2022

Low-Flow Test Report:

Test Date / Time: 12/28/2022 10:52:30 AM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-4 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 33.41 ft Total Depth: 43.41 ft Initial Depth to Water: 32.8 m	Pump Type: QED dedicated Tubing Type: Polyethylene Pump Intake From TOC: 35.01 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.17 in	Instrument Used: Aqua TROLL 400 Serial Number: 850724
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 5	
12/28/2022 10:52 AM	00:00	6.22 pH	16.19 °C	226.00 µS/cm	4.18 mg/L	0.52 NTU	124.5 mV	32.80 cm	200.00 ml/min
12/28/2022 10:57 AM	05:00	6.23 pH	15.84 °C	231.30 µS/cm	4.61 mg/L	0.91 NTU	102.5 mV	32.91 cm	200.00 ml/min
12/28/2022 11:02 AM	10:00	6.21 pH	15.57 °C	229.24 µS/cm	4.66 mg/L	0.66 NTU	103.0 mV	32.92 cm	200.00 ml/min
12/28/2022 11:07 AM	15:00	6.20 pH	15.92 °C	226.31 µS/cm	4.62 mg/L	0.50 NTU	99.8 mV	32.94 cm	200.00 ml/min
12/28/2022 11:12 AM	20:00	6.20 pH	16.02 °C	227.75 µS/cm	4.70 mg/L	0.46 NTU	130.5 mV	32.97 cm	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 12/28/2022 10:45:52 AM

Project: SCS Plant Scherer

Operator Name: Terrell Parker

Location Name: GWC-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10.25 ft Total Depth: 20.25 ft Initial Depth to Water: 6.89 ft	Pump Type: Dedicated bladder Tubing Type: Polyethylene Pump Intake From TOC: 15.00 ft Estimated Total Volume Pumped: 10000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.46 ft	Instrument Used: Aqua TROLL 400 Serial Number: 966105
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Test Notes:

Weather Conditions:

Clear, cold, 42 F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
12/28/2022 10:45 AM	00:00	6.69 pH	15.75 °C	205.72 µS/cm	3.28 mg/L	14.80 NTU	107.9 mV	6.89 ft	200.00 ml/min
12/28/2022 10:50 AM	05:00	6.68 pH	16.22 °C	205.54 µS/cm	2.88 mg/L	12.60 NTU	99.9 mV	7.41 ft	200.00 ml/min
12/28/2022 10:55 AM	10:00	6.67 pH	16.34 °C	203.70 µS/cm	2.79 mg/L	8.79 NTU	93.2 mV	7.36 ft	200.00 ml/min
12/28/2022 11:00 AM	15:00	6.66 pH	16.47 °C	202.52 µS/cm	2.73 mg/L	5.41 NTU	62.5 mV	7.35 ft	200.00 ml/min
12/28/2022 11:05 AM	20:00	6.65 pH	16.70 °C	201.57 µS/cm	2.68 mg/L	4.65 NTU	88.0 mV	7.35 ft	200.00 ml/min
12/28/2022 11:10 AM	25:00	6.65 pH	16.73 °C	200.82 µS/cm	2.63 mg/L	4.04 NTU	88.0 mV	7.35 ft	200.00 ml/min
12/28/2022 11:15 AM	30:00	6.64 pH	16.92 °C	200.21 µS/cm	2.59 mg/L	3.42 NTU	58.9 mV	7.35 ft	200.00 ml/min
12/28/2022 11:20 AM	35:00	6.64 pH	16.95 °C	200.31 µS/cm	2.55 mg/L	2.55 NTU	85.6 mV	7.35 ft	200.00 ml/min
12/28/2022 11:25 AM	40:00	6.64 pH	17.03 °C	199.69 µS/cm	2.52 mg/L	2.68 NTU	86.3 mV	7.35 ft	200.00 ml/min
12/28/2022 11:30 AM	45:00	6.63 pH	17.09 °C	200.41 µS/cm	2.51 mg/L	2.09 NTU	57.8 mV	7.35 ft	200.00 ml/min
12/28/2022 11:35 AM	50:00	6.62 pH	17.23 °C	200.04 µS/cm	2.51 mg/L	1.78 NTU	85.2 mV	7.35 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-9	Groundwater total Ca, Ni only

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 12/28/2022 2:25:27 PM

Project: SCS Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30.65 ft Total Depth: 40.65 ft Initial Depth to Water: 10.19 ft	Pump Type: Alexis Peri Pump Tubing Type: LDPE Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 10000 ml Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 0.11 ft	Instrument Used: Aqua TROLL 400 Serial Number: 965586
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Test Notes:

Weather Conditions:

Clear, 52

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
12/28/2022 2:25 PM	00:00	6.48 pH	19.96 °C	205.51 µS/cm	3.43 mg/L	0.43 NTU	120.9 mV	10.28 ft	250.00 ml/min
12/28/2022 2:30 PM	05:00	6.33 pH	17.76 °C	211.80 µS/cm	7.37 mg/L	0.27 NTU	74.8 mV	10.29 ft	250.00 ml/min
12/28/2022 2:35 PM	10:00	6.33 pH	17.43 °C	213.67 µS/cm	0.65 mg/L	0.57 NTU	63.0 mV	10.30 ft	250.00 ml/min
12/28/2022 2:40 PM	15:00	6.34 pH	17.58 °C	208.36 µS/cm	0.62 mg/L	0.40 NTU	81.8 mV	10.30 ft	250.00 ml/min
12/28/2022 2:45 PM	20:00	6.34 pH	17.72 °C	204.81 µS/cm	0.94 mg/L	0.35 NTU	82.6 mV	10.30 ft	250.00 ml/min
12/28/2022 2:50 PM	25:00	6.34 pH	17.63 °C	200.35 µS/cm	0.79 mg/L	0.44 NTU	82.1 mV	10.30 ft	250.00 ml/min
12/28/2022 2:55 PM	30:00	6.35 pH	17.63 °C	197.78 µS/cm	0.62 mg/L	0.40 NTU	54.1 mV	10.30 ft	250.00 ml/min
12/28/2022 3:00 PM	35:00	6.35 pH	17.54 °C	194.41 µS/cm	0.67 mg/L	0.35 NTU	51.1 mV	10.30 ft	250.00 ml/min
12/28/2022 3:05 PM	40:00	6.36 pH	17.76 °C	190.98 µS/cm	0.71 mg/L	0.35 NTU	49.8 mV	10.30 ft	250.00 ml/min

Samples

Sample ID:	Description:
GWC-10	

Low-Flow Test Report:

Test Date / Time: 12/28/2022 11:37:50 AM

Project: Plant Scherer (8)

Operator Name: C. Tidwell

Location Name: GWC-19 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 52.75 ft Total Depth: 62.75 ft Initial Depth to Water: 37.84 ft	Pump Type: QED dedicated Tubing Type: Polyethylene Pump Intake From TOC: 54.51 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.77 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 5	
12/28/2022 11:37 AM	00:00	6.89 pH	14.51 °C	167.30 µS/cm	9.43 mg/L	0.19 NTU	135.6 mV	37.84 cm	200.00 ml/min
12/28/2022 11:42 AM	05:00	6.29 pH	16.98 °C	166.31 µS/cm	6.37 mg/L	0.62 NTU	102.9 mV	38.33 cm	200.00 ml/min
12/28/2022 11:47 AM	10:00	6.28 pH	16.86 °C	165.72 µS/cm	6.08 mg/L	0.84 NTU	133.0 mV	38.60 cm	200.00 ml/min
12/28/2022 11:52 AM	15:00	6.28 pH	16.91 °C	165.16 µS/cm	6.07 mg/L	0.49 NTU	133.5 mV	38.65 cm	200.00 ml/min
12/28/2022 11:57 AM	20:00	6.29 pH	17.03 °C	164.48 µS/cm	6.05 mg/L	0.24 NTU	95.3 mV	38.67 cm	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 12/28/2022 1:20:06 PM

Project: SCS Plant Scherer GWC-20

Operator Name: Terrell Parker

Location Name: GWC-20 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 62.70 ft Total Depth: 72.70 ft Initial Depth to Water: 44.72 ft	Pump Type: Dedicated bladder Tubing Type: Polyethylene Pump Intake From TOC: 64.76 ft Estimated Total Volume Pumped: 3750 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.17 ft	Instrument Used: Aqua TROLL 400 Serial Number: 966105
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Test Notes:

Weather Conditions:

Clear, sunny, 52F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
12/28/2022 1:20 PM	00:00	6.58 pH	17.89 °C	149.45 µS/cm	7.09 mg/L	3.79 NTU	135.3 mV	44.89 ft	150.00 ml/min
12/28/2022 1:25 PM	05:00	6.57 pH	17.97 °C	149.78 µS/cm	7.21 mg/L	6.17 NTU	80.4 mV	44.89 ft	150.00 ml/min
12/28/2022 1:30 PM	10:00	6.57 pH	17.81 °C	149.86 µS/cm	7.23 mg/L	5.32 NTU	74.5 mV	44.89 ft	150.00 ml/min
12/28/2022 1:35 PM	15:00	6.57 pH	17.94 °C	149.62 µS/cm	7.25 mg/L	6.09 NTU	74.2 mV	44.89 ft	150.00 ml/min
12/28/2022 1:40 PM	20:00	6.56 pH	17.90 °C	149.73 µS/cm	7.25 mg/L	3.73 NTU	73.1 mV	44.89 ft	150.00 ml/min
12/28/2022 1:45 PM	25:00	6.56 pH	17.86 °C	149.84 µS/cm	7.25 mg/L	3.37 NTU	71.2 mV	44.89 ft	150.00 ml/min

Samples

Sample ID:	Description:
GWC-20	Groundwater total B only

APPENDIX A

**Instrument Calibration Forms
February 2022**

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

Instrument Calibration

Parameter	Units	Standard	Date: 02/08/22		Date: 02/09/22	
			Time: 14:37	—	Time: 07:45	15:50
			SmarTROLL SN 725423 iPad # _____	Mid-Day pH	SmarTROLL SN 725423 iPad # _____	Mid-Day pH
DO	% saturation	100	99.75	-----	100.1	-----
Conductivity	us/cm	4490	3,721.9	-----	4679.3	-----
pH	S.U.	4.00	4.02	—	3.97	4.12
pH	S.U.	7.00	7.07	—	7.03	7.13
pH	S.U.	10.00	9.95	—	9.96	10.14
ORP	mV	228.00	232.2	-----	232	-----

Turbidity	Units	Standard	HACH LaMotte-SN-13110CO29651		HACH LaMotte-SN-13110CO29651	
			LaMotte-SN-13110CO29651	LaMotte-SN-13110CO29651	LaMotte-SN-13110CO29651	LaMotte-SN-13110CO29651
	NTU	2020	20.4	—	19.7	21.1
	NTU	10110	99.0	—	97.4	100.1
	NTU	100500	506	—	506	799

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

Turbidity	Units	Standard	HACH LaMotte-SN-13110CO29651		HACH LaMotte-SN-13110CO29651	
			LaMotte-SN-13110CO29651	LaMotte-SN-13110CO29651	LaMotte-SN-13110CO29651	LaMotte-SN-13110CO29651
	NTU	2020	20.4	21.1	20.5	19.7
	NTU	10110	101	107.7	102	99.1
	NTU	100500	512	519	768	808

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

Instrument Calibration

		Date:	2/8/2022	2/9/22		
		Time:	14:25	09:47		
Parameter	Units	Standard	SmarTROLL SN 851413 iPad # 80	Mid-Day pH	SmarTROLL SN 851413 iPad # 80	Mid-Day pH
DO	% saturation	100	99.0	-----	97.40	-----
Conductivity	us/cm	4490	4485.0	-----	4828.4	-----
pH	S.U.	4.00	4.01	N/A	3.84	4.03
pH	S.U.	7.00	7.03	N/A	7.00	6.99
pH	S.U.	10.00	10.08	N/A	10.07	10.03
ORP	mV	228.00	247.9	-----	249.7	-----

Turbidity	Units	Standard	LaMotte SN 110800011670	LaMotte SN 110800011670	LaMotte SN 110800011670	LaMotte SN
	NTU	0.0/0.0	103	103		
	NTU	±0.20	21.2	19.7		
	NTU	10.0	10.7	9.68		

		Date:	2/10/22	2/11/22		
		Time:	08:00	N/A	08:00	
Parameter	Units	Standard	SmarTROLL SN 85143 iPad # 80	Mid-Day pH	SmarTROLL SN 85143 iPad #	Mid-Day pH
DO	% saturation	100	102.1	-----	99.05	-----
Conductivity	us/cm	4490	4832.0	-----	4480.2	-----
pH	S.U.	4.00	4.00	N/A	4.02	
pH	S.U.	7.00	7.07	N/A	7.06	
pH	S.U.	10.00	10.12	N/A	10.07	
ORP	mV	228.00	247.0	-----	246.4	-----

Turbidity	Units	Standard	LaMotte SN 110800011670	LaMotte SN 110800011670	LaMotte SN	LaMotte SN
	NTU/0.0	0.0/0.0	99	102		
	NTU/20	±0.20	19.1	19.8		
	NTU	10.0	9.48	10.5		

Include daily mid-day pH check

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

Instrument Calibration

		Date: 02/14/22		Date: 02/15/22		
		Time: 07:30		Time: 14:15		
Parameter	Units	Standard	SmarTROLL SN 850751 iPad # 110	Mid-Day pH	SmarTROLL SN 850751 iPad # 110	Mid-Day pH
DO	% saturation	100	100.51	-----	101.4	-----
Conductivity	us/cm	4490	4354.4	-----	4557.5	-----
pH	S.U.	4.00	4.02	4.05	3.98	4.07
pH	S.U.	7.00	7.05	7.07	7.02	7.10
pH	S.U.	10.00	10.07	10.05	10.10	10.05
ORP	mV	228.00	222	-----	237.4	-----

Turbidity	Units	Standard	HACH LaMotte-SN	HACH LaMotte-SN	HACH LaMotte-SN	HACH LaMotte-SN
	NTU	2020	19.9	20.1	20.9	---
NTU	20100	98.0	99.7	97.9	---	
NTU	200800	83.1	81.7	82.4	---	

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

Turbidity	Units	Standard	HACH LaMotte SN 13110C0240	LaMotte SN	LaMotte SN	LaMotte SN
	NTU	2020	20.4			
NTU	20100	102				

807 806

Daily Calibration Log

Project Plant Scherer **Include daily mid-day pH check**
Field Staff J.Waguespack / E. Rheams / D. Cox / N. Tejada

Instrument Calibration

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

Parameter	Units	Standard	SmarTROLL SN <u>850767</u> iPad # _____	SmarTROLL SN _____ iPad # _____	SmarTROLL SN _____ iPad # _____	SmarTROLL SN _____ iPad # _____
DO	% saturation	100	<u>104.1</u>			
Conductivity	us/cm	4490	<u>4199.0</u>			
pH	S.U.	4.00	<u>4.00</u>			
pH	S.U.	7.00	<u>7.03</u>			
pH	S.U.	10.00	<u>10.14</u>			
ORP	mV	228.00	<u>2.21</u>			

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

Date:
Time:

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

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

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

Include daily mid-day pH check

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

Instrument Calibration

		Date:	02/09/22		2-14-22	
		Time:	08:05		900	1340
Parameter	Units	Standard	SmarTROLL SN <u>850767</u> iPad # _____	Mid-Day pH	SmarTROLL SN <u>8627</u> iPad # <u>76</u>	Mid-Day pH
DO	% saturation	100	98.68	-----	99.07	-----
Conductivity	us/cm	4490	4696	-----	3907	-----
pH	S.U.	4.00	3.94		4.03	
pH	S.U.	7.00	7.08		7.08	7.07
pH	S.U.	10.00	10.10		10.18	
ORP	mV	228.00	229.0	-----	226.1	-----

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

		Date:	2-15-22		2-16-22	
		Time:	770	1205	0730	
Parameter	Units	Standard	SmarTROLL SN <u>850757</u> iPad # <u>76</u>	Mid-Day pH	SmarTROLL SN <u>850757</u> iPad # _____	Mid-Day pH
DO	% saturation	100	100.8	-----	100.21	-----
Conductivity	us/cm	4490	5424.3	-----	4349.2	-----
pH	S.U.	4.00	3.87		3.96	
pH	S.U.	7.00	7.06	7.76*	6.89	
pH	S.U.	10.00	10.09		9.74	
ORP	mV	228.00	226.4	-----	225.0	-----

Turbidity	Units	Standard	LaMotte SN	LaMotte SN	LaMotte SN	LaMotte SN
	NTU	20 0.0	19.4		20.0	
	NTU	100 1.0	99.9		100.1	

800
800.1
800.0
recalibrated
7pt
✓

February 2022

Daily Calibration Log

GL166235021-Y9-100.02
GL166235021-01-200.02

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

Instrument Calibration

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

HaH

Turbidity	Units	Standard	LaMotte SN <u>11080 C011670</u>	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	20.0	19.4			
	NTU	1.00.0	97.7			
	NTU	800.0 10.0	779 9.57			

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

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

Include daily mid-day pH check

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

Instrument Calibration

		Date:	2/8/22			
		Time:	14:14			
Parameter	Units	Standard	SmarTROLL SN <u>350751</u> iPad # <u>10</u>	Mid-Day pH	SmarTROLL SN _____ iPad # _____	Mid-Day pH
DO	% saturation	100	<u>100.93</u>	-----		-----
Conductivity	us/cm	4490	<u>4528.0</u>	-----		-----
pH	S.U.	4.00	<u>3.82</u>			
pH	S.U.	7.00	<u>7.16</u>			
pH	S.U.	10.00	<u>10.32</u>			
ORP	mV	228.00	<u>248.1</u>	-----		-----

Turbidity	Units	Standard	LaMotte ^{Hach} SN <u>11852009931</u>	LaMotte SN	LaMotte SN	LaMotte SN
	NTU	<u>0.0 20</u>	<u>23.1 21.1</u>			
	NTU	<u>1.0 100</u>	<u>104 98.3</u>			
	NTU	<u>10.0 800</u> 10.0	<u>84 804</u> 10.2			

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

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

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

Instrument Calibration

Parameter	Units	Standard	Date: 2-8-22		Date: 2-9-22	
			Time: 1455	Time: 0800	Time: 1240	Time: 1240
			SmarTROLL SN <u>850767</u> iPad # <u>99</u>	Mid-Day pH	SmarTROLL SN <u>850767</u> iPad # <u>99</u>	Mid-Day pH
DO	% saturation	100	98.28	-----	98.68	-----
Conductivity	us/cm	4490	4347	-----	4696	-----
pH	S.U.	4.00	4.07		7.96	
pH	S.U.	7.00	6.98	N/A	7.08	7.03
pH	S.U.	10.00	10.05		10.10	
ORP	mV	228.00	222.2	-----	229.0	-----

Turbidity	Units	Standard	LaMotte SN	LaMotte SN	LaMotte SN	LaMotte SN
	NTU	20.00	19.8		20.1	
	NTU	100.00	101		106	
	NTU	800.00 10.0	794		806	

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

Turbidity	Units	Standard	LaMotte SN	LaMotte SN	LaMotte SN	LaMotte SN
	NTU	20.00	24.3		ca1	
	NTU	100.00	997		cheic	
	NTU	800.00 10.0	806		pasco	

10.2 ✓

10.1 ✓

APPENDIX A

**Instrument Calibration Forms
May 2022**

Daily Calibration Log

Project PANT SCHERER RESAMPLE
 Field Staff J. WAGUESPACK, C. MIKILITUS

Instrument Calibration

		CM		JW			
		Date	5/12/22	5/12/22			
		Time	0840	08:42			
Parameter	Units	Standard	SmarTROLL SN <u>884189</u> iPad # <u>91</u>	SmarTROLL SN <u>883533</u> iPad # <u>74</u>	SmarTROLL SN _____ iPad # _____	SmarTROLL SN _____ iPad # _____	SmarTROLL SN _____ iPad # _____
DO	% saturation	100	99.59	100.10			
Conductivity	us/cm	4490	4845.7	4425.7			
pH	S.U.	4.00	4.08	4.03			
pH	S.U.	7.00	7.10	7.03			
pH	S.U.	10.00	10.10	10.12			
ORP	mV	228.00	230.3	221.8			

Turbidity	Units	Standard	LaMotte SN <u>13110C029655</u>	LaMotte SN <u>12050C017682</u>	LaMotte SN	LaMotte SN
	NTU	10.0	10.1	9.35		
	NTU	10.0 20.0	20.2	19.8		
	NTU	10.0 100.0	101	98.6		
		800.0	802	818		

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

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

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

APPENDIX A

**Instrument Calibration Forms
August 2022**

Daily Calibration Log

Project Plant Scherer
Field Staff J. Waguespack, M. Mann, A. Plowman, D. Fulton, T. Messier, C. Tidwell
Include daily mid-day pH check

Instrument Calibration

		Date: 08/17/2022		Date: 08/17/2022		
		Time: 11:15		Time: 11:40		
Parameter	Units	Standard	AquaTROLL SN 851413 iPad # 80	Mid-Day pH	AquaTROLL SN 851413 iPad # 80	Mid-Day pH
DO	% saturation	100	109.32	-----	109.07	-----
Conductivity	us/cm	4490	5075.4	-----	4880.0	-----
pH	S.U.	4.00	4.19		4.08	
pH	S.U.	7.00	7.16		7.14	
pH	S.U.	10.00	10.12		10.27	
ORP	mV	228.00	225.8	-----	230.1	-----

Turbidity	Units	Standard	Hach SN 15040C09030	Hach SN 15040C09030	Hach SN	Hach SN
	NTU	20	19.0	19.9		
	NTU	100	93.1	99.8		
	NTU	800	751	798		
	NTU	10.0	9.72	11.3		

		Date: 08/18/2022		Date: 08/19/2022		
		Time: 07:25		Time: 13:09		
Parameter	Units	Standard	AquaTROLL SN 851413 iPad # 80	Mid-Day pH	AquaTROLL SN 851413 iPad # 80	Mid-Day pH
DO	% saturation	100	98.00	-----	99.25	-----
Conductivity	us/cm	4490	4574.6	-----	4433.7	-----
pH	S.U.	4.00	4.01	4.14	3.90	
pH	S.U.	7.00	7.06	7.05	6.87	
pH	S.U.	10.00	10.03	9.98	9.92	
ORP	mV	228.00	229.4	-----	229.1	-----

Turbidity	Units	Standard	Hach SN 15040C09030	Hach SN	Hach SN 15040C09030	Hach SN
	NTU	20	18.3		19.5	
	NTU	100	95.8		101	
	NTU	800	743		801	
	NTU	10.0	18.6		11.0	

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

August 2022

Daily Calibration Log

GL166235022-AP.02 B AP-1
GL166235022.02 B Landfill

Include daily mid-day pH check

Project Plant Scherer
Field Staff J. Waguespack, M. Mann, A. Plowman, D. Fulton, T. Messier, C. Tidwell

Instrument Calibration

Parameter	Units	Standard	Date: 08/23/2022		Date: 08/23/22	
			Time: 8:22	Time: 7:22	AquaTROLL SN 851413 iPad # 80	Mid-Day pH
DO	% saturation	100	100.95	-----	98.86	-----
Conductivity	us/cm	4490	4469.0	-----	4802.8	-----
pH	S.U.	4.00	4.03	-----	4.03	-----
pH	S.U.	7.00	7.02	-----	7.01	-----
pH	S.U.	10.00	10.02	-----	9.98	-----
ORP	mV	228.00	221.9	-----	221.0	-----

Turbidity	Units	Standard	Hach SN 14080 C03117	Hach SN 14580 C03117	Hach SN 14080 C03117	Hach SN
	NTU	20	19.3	EPN	21.2	-----
	NTU	100	101	-----	99.1	-----
	NTU	800	803	-----	808	-----
	NTU	10.0	11.5	-----	11.5	-----

Parameter	Units	Standard	Date: 08/24/2022		Date: 08/25/22	
			Time: 7:31	Time: 1:42	Time: 7:21	Time: 11:26
DO	% saturation	100	100.99	-----	100.36	-----
Conductivity	us/cm	4490	4473.1	-----	484.8	-----
pH	S.U.	4.00	4.02	4.09	3.96	4.16
pH	S.U.	7.00	6.98	7.04	6.94	7.09
pH	S.U.	10.00	10.04	10.02	9.95	10.05
ORP	mV	228.00	220.5	-----	223.6	-----

Turbidity	Units	Standard	Hach SN 14080 C03117	Hach SN	Hach SN 15140 C01030	Hach SN
	NTU	20	19.9	-----	19.7	-----
	NTU	100	102	-----	95.5	-----
	NTU	800	774	-----	794	-----
	NTU	10.0	12.0	-----	10.7	-----

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

Daily Calibration Log

Include daily mid-day pH check

Project Plant Scherer
Field Staff J. Waguespack, M. Mann, A. Plowman, D. Fulton, T. Messier, C. Tidwell

Instrument Calibration

		Date: 08/24/22		Date: 08/29/22		
		Time: 06:15		Time: 06:45		
Parameter	Units	Standard	AquaTROLL SN 883561 iPad # 74	Mid-Day pH	AquaTROLL SN 883561 iPad # 74	Mid-Day pH
DO	% saturation	100	101	-----	98.8	-----
Conductivity	us/cm	4490	4305.7	-----	4655.6	-----
pH	S.U.	4.00	4.00	---	4.03	---
pH	S.U.	7.00	6.98	---	6.97	---
pH	S.U.	10.00	9.97	---	9.96	---
ORP	mV	228.00	229	-----	217.1	-----

Turbidity	Units	Standard	LorMach Hach SN 7007-1416	Hach SN	LorMach Hach SN 7007-1416	Hach SN
	NTU	20 1	1.05	---	1.11	---
	NTU	100 10	10.02	---	10.07	---
	NTU	800	---	---	---	---
	NTU	1000	---	---	---	---

		Date: 08/30/22		Date: 09/2/22		
		Time: 07:00		Time: 09:00 14:30		
Parameter	Units	Standard	AquaTROLL SN 883561 iPad # 74	Mid-Day pH	AquaTROLL SN _____ iPad # _____	Mid-Day pH
DO	% saturation	100	99.22	-----	96.48	-----
Conductivity	us/cm	4490	4352	-----	4329.1	-----
pH	S.U.	4.00	4.05	---	3.98	4.05
pH	S.U.	7.00	7.08	---	6.96	7.06
pH	S.U.	10.00	9.96	---	9.94	9.97
ORP	mV	228.00	228.6	-----	230.1	-----

Turbidity	Units	Standard	LorMach Hach SN 7007-1416	Hach SN	LorMach Hach SN 7007-1416	Hach SN
	NTU	20 0	0.95	---	0.01	---
	NTU	100 1	1.10	---	0.85	---
	NTU	800 10	9.79	---	7.99	---
	NTU	10.0	---	---	---	---

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

Daily Calibration Log

Project Plant Scherer
Field Staff J. Waguespack, M. Mann, A. Plowman, D. Fulton, T. Messier, C. Tidwell
Include daily mid-day pH check

Instrument Calibration

		Date:	08/22/22		08/23/22	
		Time:	07:30		11:00	
Parameter	Units	Standard	AquaTROLL SN 583561 iPad # 34	Mid-Day pH	AquaTROLL SN 583561 iPad # 34	Mid-Day pH
DO	% saturation	100	07.3	-----	102.58	-----
Conductivity	us/cm	4490	4459	-----	4175	-----
pH	S.U.	4.00	4.03	---	4.05	
pH	S.U.	7.00	7.03	---	7.03	
pH	S.U.	10.00	9.92	---	10.07	
ORP	mV	228.00	221.7	-----	231.4	-----

Turbidity	Units	Standard	Hach SN 39579	Hach SN	Hach SN 39579	Hach SN
	NTU	20	17.2	17.3		
	NTU	100	97.7	98.1		
	NTU	800	810			
	NTU	10.0	9.44			

		Date:	08/24/22		08/25/22	
		Time:	08:30	15:10	05:45	
Parameter	Units	Standard	AquaTROLL SN 583561 iPad # 34	Mid-Day pH	AquaTROLL SN 583561 iPad # 34	Mid-Day pH
DO	% saturation	100	94.58	-----	101.1	-----
Conductivity	us/cm	4490	4375	-----	4479.1	-----
pH	S.U.	4.00	3.92	4.05	4.01	---
pH	S.U.	7.00	6.94	7.00	6.96	---
pH	S.U.	10.00	9.92	10.02	9.98	---
ORP	mV	228.00	225.5	-----	229.4	-----

Turbidity	Units	Standard	Hach SN 39579	Hach SN	Hach SN 39579	Hach SN
	NTU	20	17.9	---	17.3	---
	NTU	100	98.4	---	98.1	---
	NTU	800	794	---	808	---
	NTU	10.0	10.4	---		---

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

Daily Calibration Log

Include daily mid-day pH check

Project Plant Scherer
Field Staff J. Waguespack, M. Mann, A. Plowman, D. Fulton, T. Messier, C. Tidwell

Instrument Calibration

Parameter	Units	Standard	8-22		8-23	
			Date: Time:			
			07:30	15:30	11:05	---
			AquaTROLL SN <u>884187</u> iPad # <u>55</u>		AquaTROLL SN <u>884187</u> iPad # <u>55</u>	
				Mid-Day pH		Mid-Day pH
DO	% saturation	100	100.57	-----	102.64	-----
Conductivity	us/cm	4490	4396.2	-----	4547.7	-----
pH	S.U.	4.00	4.05	4.07	4.03	X
pH	S.U.	7.00	7.03	7.06	7.00	X
pH	S.U.	10.00	10.04	10.02	10.02	X
ORP	mV	228.00	229.1	-----	231.8	-----

Turbidity	Units	Standard	8-22		8-23	
			Hach SN <u>15040080</u>	Hach SN <u>1437-5011</u>	Hach SN	Hach SN
	NTU	20	19.9	0.01 (0)		
	NTU	100	100	1.00 (1)		
	NTU	800	798	---		
	NTU	10.0	11.0	9.93		

Parameter	Units	Standard	8-24-22		8-25-22	
			Date: Time:			
			07:30	15:00	07:36	11:50
			AquaTROLL SN <u>884187</u> iPad # <u>55</u>		AquaTROLL SN <u>884187</u> iPad # <u>55</u>	
				Mid-Day pH		Mid-Day pH
DO	% saturation	100	97.00	-----	100.80	-----
Conductivity	us/cm	4490	4606	-----	4550.0	-----
pH	S.U.	4.00	4.01	4.04	4.06	4.07
pH	S.U.	7.00	7.00	7.07	7.03	7.01
pH	S.U.	10.00	9.99	10.0	10.04	10.04
ORP	mV	228.00	227.9	-----	225.2	-----

Turbidity	Units	Standard	8-24-22		8-25-22	
			Hach SN <u>1438-5911</u>	Hach SN	Hach SN <u>1438-5911</u>	Hach SN
	NTU	20	0.01 (0)	X	0.05	X
	NTU	100	0.94 (1)	X	0.99	X
	NTU	800	---	X	---	X
	NTU	10.0	10.00	X	10.00	X

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

Project Plant Scherer **Include daily mid-day pH check**
Field Staff J. Waguespack, M. Mann, A. Plowman, D. Fulton, T. Messier, C. Tidwell

Instrument Calibration

		Date:	8-26-22			
		Time:	07:40	10:00		
Parameter	Units	Standard	AquaTROLL SN <u>584157</u> iPad # <u>55</u>	Mid-Day pH	AquaTROLL SN _____ iPad # _____	Mid-Day pH
DO	% saturation	100	102.78	-----		-----
Conductivity	us/cm	4490	4461.5	-----		-----
pH	S.U.	4.00	3.98	3.99		
pH	S.U.	7.00	7.00	7.01		
pH	S.U.	10.00	10.05	10.04		
ORP	mV	228.00	226.9	-----		-----

Turbidity	Units	Standard	^{Low} Hach SN <u>143-3911</u>	Hach SN	Hach SN	Hach SN
	NTU	20 0	0.01 (g)			
	NTU	100 1	0.91			
	NTU	800	-----			
	NTU	10.0	10.0			

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

Turbidity	Units	Standard	Hach SN	Hach SN	Hach SN	Hach SN
	NTU	20				
	NTU	100				
	NTU	800				
	NTU	10.0				

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

August 2021 ~~2021~~ 2022

Daily Calibration Log

GL 166235021.100.02 - AP1, PZs, North Property
 GL 166235021.200.02 - Cell 1, PAC Ash, Cell 3

Include daily mid-day pH check

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

Instrument Calibration

Date: 8/30/22
 Time: 8:32

8/31/22
7:52

Parameter	Units	Standard	SmarTROLL SN <u>851413</u> iPad # <u>55</u>	SmarTROLL SN <u>843285</u> iPad # <u>74</u>	SmarTROLL SN <u>851413</u> iPad # <u>55</u>	SmarTROLL SN _____ iPad # _____
DO	% saturation	100	<u>95.14</u>	<u>96.93</u>	<u>100.16</u>	
Conductivity	us/cm	4490	<u>4412.2</u>	<u>4649.6</u>	<u>4449.7</u>	
pH	S.U.	4.00	<u>4.04</u>	<u>3.99</u>	<u>4.02</u>	
pH	S.U.	7.00	<u>6.97</u>	<u>6.99</u>	<u>7.04</u>	
pH	S.U.	10.00	<u>10.02</u>	<u>9.98</u>	<u>9.98</u>	
ORP	mV	228.00	<u>258.8</u>	<u>226.3</u>	<u>236.2</u>	

Turbidity	Units	Standard	LaMotte SN <u>15040604030</u>	LaMotte SN <u>14080603447</u>	LaMotte SN <u>14080603447</u>	LaMotte SN _____
	NTU	<u>0.0200</u>		<u>16.4</u>	<u>19.6</u>	<u>20.7</u>
NTU	<u>10.100</u>		<u>98.3</u>	<u>97.0</u>	<u>98.7</u>	
NTU	<u>10.0800</u>		<u>796</u>	<u>817</u>	<u>803</u>	
		<u>10.0</u>	<u>9.60</u>	<u>10.1</u>	<u>10.0</u>	

Date:
Time:

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

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

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

Daily Calibration Log

Project Plant Scherer **Include daily mid-day pH check**
Field Staff J. Waguespack / E. Rheams / D. Cox / N. Tejada — M. MANN

Instrument Calibration

Date: 08/26/22 08/31/22
Time: 07:21 07:16

Parameter	Units	Standard	SmarTROLL SN 85143 iPad # 80	SmarTROLL SN _____ iPad # _____	SmarTROLL SN 843285 iPad # _____	SmarTROLL SN _____ iPad # _____
DO	% saturation	100	99.38		107.95	
Conductivity	us/cm	4490	4476.8		4385.0	
pH	S.U.	4.00	3.90		4.05	
pH	S.U.	7.00	6.90		7.03	
pH	S.U.	10.00	9.92		10.02	
ORP	mV	228.00	209.8		219.9	

Turbidity	Units	Standard	LaMotte SN 150406040130	LaMotte SN _____	LaMotte SN 150406040130	LaMotte SN _____
	NTU	2000	19.9		18.3	
	NTU	1000	99.9		100	
	NTU	8000	801		820	
		10	10.9		10.3	

Date: _____
Time: _____

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

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

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

APPENDIX A

**Instrument Calibration Forms
October 2022**

Project Plant Scherer
 Field Staff C. Tidwell/Duane Fulton

Instrument Calibration

Date: 10-25-22 Time: 07:45

Parameter	Units	Standard	SmarTROLL SN 885546	SmarTROLL SN _____	SmarTROLL SN _____	SmarTROLL SN _____
DO	% saturation	100	107.31			
Conductivity	us/cm	4490	4753.3			
pH	S.U.	4.00	4.04			
pH	S.U.	7.00	7.03			
pH	S.U.	10.00	10.12			
ORP	mV	228.00	225.2			

Turbidity	Units	Standard	LaMotte SN 6405-1416	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	0.0	0.01			
	NTU	1.0	0.98			
	NTU	10.0	9.84			

Date: 10-26-22 Time: 08:40

Parameter	Units	Standard	SmarTROLL SN 885546	SmarTROLL SN _____	SmarTROLL SN _____	SmarTROLL SN _____
DO	% saturation	100	92.92			
Conductivity	us/cm	4490	4399			
pH	S.U.	4.00	4.06			
pH	S.U.	7.00	7.07			
pH	S.U.	10.00	10.12			
ORP	mV	228.00	220.4			

Turbidity	Units	Standard	LaMotte SN 6405-1416	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	0.0	0.10			
	NTU	1.0	0.93			
	NTU	10.0	10.0			

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

Project Plant Scherer
 Field Staff C. Tidwell/Duane Fulton

Instrument Calibration

Date: 10/25/22 Time: 07:50

Parameter	Units	Standard	SmarTROLL SN _____	SmarTROLL SN _____	SmarTROLL SN _____	SmarTROLL SN _____
DO	% saturation	100	104.55			
Conductivity	us/cm	4490	7476.0			
pH	S.U.	4.00	4.06			
pH	S.U.	7.00	7.04			
pH	S.U.	10.00	10.14			
ORP	mV	228.00	224.0			

Turbidity	Units	Standard	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	0.0	2283-2412 0.30			
	NTU	1.0	0.58			
	NTU	10.0	10.99			

Date: Time:

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

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

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

Project Plant Scherer
 Field Staff C. Tidwell/Duane Fulton

Instrument Calibration

Date: 10/31/22 Time: 08:10

Parameter	Units	Standard	SmarTROLL SN 883546	SmarTROLL SN _____	SmarTROLL SN _____	SmarTROLL SN _____
DO	% saturation	100	107.8%			
Conductivity	us/cm	4490	4498.3			
pH	S.U.	4.00	4.03			
pH	S.U.	7.00	7.02			
pH	S.U.	10.00	10.09			
ORP	mV	228.00	233.3			

Turbidity	Units	Standard	LaMotte SN 6405-1414	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	0.0	0.01			
	NTU	1.0	1.02			
	NTU	10.0	10.0			

Date: Time:

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

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

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

Project Plant Scherer
 Field Staff C. Tidwell/Duane Fuller M. MANN

Instrument Calibration

Date: 10/31/22 Time: 06:47 / 10:02

Parameter	Units	Standard	SmarTROLL SN <u>803536</u>	SmarTROLL SN _____	SmarTROLL SN _____	SmarTROLL SN _____
DO	% saturation	100	101.25			
Conductivity	us/cm	4490	4596.0			
pH	S.U.	4.00	4.08			
pH	S.U.	7.00	7.05			
pH	S.U.	10.00	9.95			
ORP	mV	228.00	225.1			

Turbidity	Units	Standard	LaMotte SN <u>2949-0413</u>	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	0.0	~0.01			
	NTU	1.0	1.01			
	NTU	10.0	11.47			

Date: Time:

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

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

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

Project Plant Scherer
 Field Staff C. Tidwell/Duane Fulton

T. Fulton

Instrument Calibration

Date: _____ Time: _____

Parameter	Units	Standard	SmarTROLL SN <u>083533</u>	SmarTROLL SN _____	SmarTROLL SN _____	SmarTROLL SN _____
DO	% saturation	100	<u>101</u>			
Conductivity	us/cm	4490	<u>4431</u>			
pH	S.U.	4.00	<u>4.06</u>			
pH	S.U.	7.00	<u>7.06</u>			
pH	S.U.	10.00	<u>10.01</u>			
ORP	mV	228.00	<u>228.9</u>			

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

Date: _____ Time: _____

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

Turbidity	Units	Standard	LaMotte SN <u>2283</u>	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	0.0	<u>0.67</u>			
	NTU	1.0	<u>1.9</u>			
	NTU	10.0	<u>10.74</u>			

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

APPENDIX A

**Instrument Calibration Forms
November 2022**

Daily Calibration Log

20139484

Project Plant Scherer
 Field Staff C. Tidwell/C. Mikilitus

Instrument Calibration

Date: 11-16-22 Time: 8:16

Parameter	Units	Standard	SmarTROLL SN <u>850767</u>	SmarTROLL SN _____	SmarTROLL SN _____	SmarTROLL SN _____
DO	% saturation	100	<u>102.73</u>			
Conductivity	us/cm	4490	<u>4540.2</u>			
pH	S.U.	4.00	<u>4.06</u>			
pH	S.U.	7.00	<u>7.05</u>			
pH	S.U.	10.00	<u>10.08</u>			
ORP	mV	228.00	<u>246.5</u>			

Turbidity	Units	Standard	^{HANNA} LaMotte SN <u>2209020259</u>	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	<u>0.0</u> 10.0	<u>10.0</u>			
	NTU	<u>4.0</u> 2.0	<u>20.0</u>			
	NTU	10.0	<u>10.1</u>			

Date: _____ Time: _____

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

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

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

Daily Calibration Log

20139484

Project Plant Scherer
 Field Staff C. Tidwell C. Mikilitus

Instrument Calibration

Date: 11/16/22 Time: 8:15

Parameter	Units	Standard	SmarTROLL SN 883530	SmarTROLL SN _____	SmarTROLL SN _____	SmarTROLL SN _____
DO	% saturation	100	95.89%			
Conductivity	us/cm	4490	3616.5			
pH	S.U.	4.00	4.04			
pH	S.U.	7.00	7.08			
pH	S.U.	10.00	10.18			
ORP	mV	228.00	236.4			

HA/H

Turbidity	Units	Standard	LaMotte SN 2204000033	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	20.00	20.3			
	NTU	100.00	107			
	NTU	800.00	780			

Date: Time:

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

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

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

APPENDIX A

**Instrument Calibration Forms
December 2022**

Project Plant Scherer
Field Staff C. T. O'Neil

Instrument Calibration

Date: Time:

Parameter	Units	Standard	SmarTROLL SN <u>850724</u>	SmarTROLL SN _____	SmarTROLL SN _____	SmarTROLL SN _____
DO	% saturation	100	105%			
Conductivity	us/cm	4490	4548			
pH	S.U.	4.00	3.99			
pH	S.U.	7.00	7.08			
pH	S.U.	10.00	10.19			
ORP	mV	228.00	243.3			

Turbidity	Units	Standard	^{Hmet} LaMotte SN <u>2209000034</u>	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	100.0	100.0			
	NTU	10 20.0	20.1			
	NTU	10.0	10.0			

Date: Time:

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

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

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

Include daily mid-day pH check

Project Plant Scherer
 Field Staff D. Thomas / J. Waguespack K. PARKER

Instrument Calibration

Date: 12-28-2022 12/28/2022
 Time: 08:56 / Finish 09:30 12:28 mid-day cal check

Temp
 8.25
 9.66
 10.12
 10.36
 10.69
 10.37

Parameter	Units	Standard	SmarTROLL SN <u>966105</u> iPad # <u>1122</u>	SmarTROLL SN _____ iPad # _____	SmarTROLL SN <u>966105</u> iPad # <u>122</u>	SmarTROLL SN _____ iPad # _____
DO	% saturation	100	<u>97.52</u>	<u>97.52</u>	<u>97.52</u>	<u>97.52</u>
Conductivity	us/cm	4490	<u>4.00</u>	<u>4.08</u>	<u>4.31</u>	<u>4.31</u>
pH	S.U.	4.00	<u>7.07</u>	<u>7.07</u>	<u>7.09</u>	<u>7.09</u>
pH	S.U.	7.00	<u>7.07</u>	<u>7.07</u>	<u>7.09</u>	<u>7.09</u>
pH	S.U.	10.00	<u>7.07</u>	<u>7.07</u>	<u>7.09</u>	<u>7.09</u>
ORP	mV	228.00	<u>227.0</u>	<u>227.0</u>	<u>227.0</u>	<u>227.0</u>

14.53°C
 759.62mm Hg

PH Slope/Offset = -55.19 mV/pH / -2.4 mV
 Slope/Offset = -55.58 mV/pH / -2.4 mV

Parameter	Units	Standard	LaMotte SN <u>22090000235</u>	LaMotte SN _____	LaMotte SN <u>22090000235</u>	LaMotte SN _____
Turbidity	NTU	20.0	<u>19.1</u>			
	NTU	100	<u>97.4</u>			
	NTU	800.0	<u>797</u>			

check note

Date: 12/28/22
 Time: _____

9.99 ✓

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

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

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

APPENDIX B

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

APPENDIX B

Laboratory Analytical Data
February 2022

ANALYTICAL REPORT

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

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

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

Attn: Joju Abraham



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

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

LINKS

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

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

PA Lab ID: 02-00416



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Case Narrative

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

Job ID: 180-133869-1

Job ID: 180-133869-1

Laboratory: Eurofins Pittsburgh

Narrative

**Job Narrative
180-133869-1**

Comments

No additional comments.

Receipt

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

Receipt Exceptions

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

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

GC Semi VOA

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 180-388878 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Metals

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

Field Service / Mobile Lab

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

General Chemistry

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



Definitions/Glossary

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

Job ID: 180-133869-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Accreditation/Certification Summary

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

Job ID: 180-133869-1

Laboratory: Eurofins Pittsburgh

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

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

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



Sample Summary

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

Job ID: 180-133869-1

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



Method Summary

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

Job ID: 180-133869-1

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

Lab Chronicle

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

Job ID: 180-133869-1

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

Lab Sample ID: 180-133869-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 12:30	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388850	02/19/22 10:29	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 12:49	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:08	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388814	02/18/22 15:20	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 22:18	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 13:01	FDS	TAL PIT
Instrument ID: NOEQUIP										

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

Lab Sample ID: 180-133869-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 12:43	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388850	02/19/22 10:29	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 12:52	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:11	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388814	02/18/22 15:20	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 22:26	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 11:05	FDS	TAL PIT
Instrument ID: NOEQUIP										

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

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 12:57	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388850	02/19/22 10:29	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 12:54	RSK	TAL PIT
Instrument ID: NEMO										

Eurofins Pittsburgh

Lab Chronicle

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

Job ID: 180-133869-1

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

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

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

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

Lab Sample ID: 180-133869-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 13:11	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388850	02/19/22 10:29	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 12:57	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:13	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:01	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 10:10	FDS	TAL PIT
Instrument ID: NOEQUIP										

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

Lab Sample ID: 180-133869-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 13:24	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:50	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:14	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										

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Lab Chronicle

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

Job ID: 180-133869-1

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

Lab Sample ID: 180-133869-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:08	CMT	TAL PIT
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 14:05	FDS	TAL PIT
Instrument ID: NOEQUIP										

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

Lab Sample ID: 180-133869-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 14:05	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:02	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:15	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:22	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 13:25	FDS	TAL PIT
Instrument ID: NOEQUIP										

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

Lab Sample ID: 180-133869-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 14:46	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:04	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:20	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:29	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 12:30	FDS	TAL PIT
Instrument ID: NOEQUIP										

Lab Chronicle

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

Job ID: 180-133869-1

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

Lab Sample ID: 180-133869-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 15:00	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:07	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:21	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:36	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 09:30	FDS	TAL PIT
Instrument ID: NOEQUIP										

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

Lab Sample ID: 180-133869-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 15:13	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:14	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:22	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:44	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 10:50	FDS	TAL PIT
Instrument ID: NOEQUIP										

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

Lab Sample ID: 180-133869-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 15:27	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:17	RSK	TAL PIT
Instrument ID: NEMO										

Eurofins Pittsburgh

Lab Chronicle

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

Job ID: 180-133869-1

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

Lab Sample ID: 180-133869-10
Matrix: Water

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

Client Sample ID: GWA-15
Date Collected: 02/15/22 12:35
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-11
Matrix: Water

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

Client Sample ID: GWA-16
Date Collected: 02/15/22 13:38
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-12
Matrix: Water

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

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Lab Chronicle

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

Job ID: 180-133869-1

Client Sample ID: GWA-16
Date Collected: 02/15/22 13:38
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-12
Matrix: Water

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

Client Sample ID: GWA-17
Date Collected: 02/15/22 14:35
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-13
Matrix: Water

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

Client Sample ID: FB-6
Date Collected: 02/15/22 12:45
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-14
Matrix: Water

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

Lab Chronicle

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

Job ID: 180-133869-1

Client Sample ID: FB-7

Lab Sample ID: 180-133869-15

Date Collected: 02/15/22 14:55

Matrix: Water

Date Received: 02/17/22 09:30

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

Client Sample ID: EB-6

Lab Sample ID: 180-133869-16

Date Collected: 02/15/22 10:00

Matrix: Water

Date Received: 02/17/22 09:30

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

Client Sample ID: EB-7

Lab Sample ID: 180-133869-17

Date Collected: 02/15/22 15:15

Matrix: Water

Date Received: 02/17/22 09:30

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

Lab Chronicle

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

Job ID: 180-133869-1

Client Sample ID: EB-7

Lab Sample ID: 180-133869-17

Date Collected: 02/15/22 15:15

Matrix: Water

Date Received: 02/17/22 09:30

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

Client Sample ID: DUP-6

Lab Sample ID: 180-133869-18

Date Collected: 02/15/22 00:00

Matrix: Water

Date Received: 02/17/22 09:30

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

Client Sample ID: GWC-11

Lab Sample ID: 180-133984-1

Date Collected: 02/16/22 11:55

Matrix: Water

Date Received: 02/21/22 09:30

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

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Lab Chronicle

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

Job ID: 180-133869-1

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

Lab Sample ID: 180-133984-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	02/28/22 23:40	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:38	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:50	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389552	02/25/22 00:49	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 12:56	FDS	TAL PIT
Instrument ID: NOEQUIP										

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

Lab Sample ID: 180-133984-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 00:05	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:42	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:51	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389552	02/25/22 02:36	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 09:25	FDS	TAL PIT
Instrument ID: NOEQUIP										

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

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 00:30	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:45	RSK	TAL PIT
Instrument ID: A										

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Lab Chronicle

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

Job ID: 180-133869-1

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

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

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

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

Lab Sample ID: 180-133984-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 00:54	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:49	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:53	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389552	02/24/22 20:01	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 11:35	FDS	TAL PIT
Instrument ID: NOEQUIP										

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

Lab Sample ID: 180-133984-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 03:24	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:53	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:54	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										

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Lab Chronicle

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

Job ID: 180-133869-1

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

Lab Sample ID: 180-133984-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM2320 B		1			389552	02/24/22 20:42	CMT	TAL PIT
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 10:36	FDS	TAL PIT
Instrument ID: NOEQUIP										

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

Lab Sample ID: 180-133984-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 03:39	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:56	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 14:16	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:55	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389184	02/22/22 17:45	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389884	02/26/22 19:38	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 09:48	FDS	TAL PIT
Instrument ID: NOEQUIP										

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

Lab Sample ID: 180-133984-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 03:53	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 10:07	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 14:16	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:56	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389184	02/22/22 17:45	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389884	02/26/22 19:45	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Laboratory References:

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

Lab Chronicle

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

Job ID: 180-133869-1

Analyst References:

Lab: TAL PIT

Batch Type: Prep

KFS = Kelly Shannon

RJR = Ron Rosenbaum

Batch Type: Analysis

CMT = Cassandra Tlumac

FDS = Sampler Field

JCR = Jessica Rodgers

JRB = James Burzio

RJR = Ron Rosenbaum

RSK = Robert Kurtz



Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-1

Lab Sample ID: 180-133869-1

Date Collected: 02/15/22 13:01

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-2

Lab Sample ID: 180-133869-2

Date Collected: 02/15/22 11:05

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-3

Lab Sample ID: 180-133869-3

Date Collected: 02/15/22 15:55

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-4

Lab Sample ID: 180-133869-4

Date Collected: 02/15/22 10:10

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-5

Lab Sample ID: 180-133869-5

Date Collected: 02/15/22 14:05

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-6

Lab Sample ID: 180-133869-6

Date Collected: 02/15/22 13:25

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-7

Lab Sample ID: 180-133869-7

Date Collected: 02/15/22 12:30

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

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Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-8A

Lab Sample ID: 180-133869-8

Date Collected: 02/15/22 09:30

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-9

Lab Sample ID: 180-133869-9

Date Collected: 02/15/22 10:50

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-10

Lab Sample ID: 180-133869-10

Date Collected: 02/15/22 15:05

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWA-15

Lab Sample ID: 180-133869-11

Date Collected: 02/15/22 12:35

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWA-16

Lab Sample ID: 180-133869-12

Date Collected: 02/15/22 13:38

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

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Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWA-17

Lab Sample ID: 180-133869-13

Date Collected: 02/15/22 14:35

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: FB-6

Lab Sample ID: 180-133869-14

Date Collected: 02/15/22 12:45

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

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Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: FB-7

Lab Sample ID: 180-133869-15

Date Collected: 02/15/22 14:55

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: EB-6

Lab Sample ID: 180-133869-16

Date Collected: 02/15/22 10:00

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: EB-7

Lab Sample ID: 180-133869-17

Date Collected: 02/15/22 15:15

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

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Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: DUP-6

Lab Sample ID: 180-133869-18

Date Collected: 02/15/22 00:00

Matrix: Water

Date Received: 02/17/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

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Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-11

Lab Sample ID: 180-133984-1

Date Collected: 02/16/22 11:55

Matrix: Water

Date Received: 02/21/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-12

Lab Sample ID: 180-133984-2

Date Collected: 02/16/22 12:56

Matrix: Water

Date Received: 02/21/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-13

Lab Sample ID: 180-133984-3

Date Collected: 02/16/22 09:25

Matrix: Water

Date Received: 02/21/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-14

Lab Sample ID: 180-133984-4

Date Collected: 02/16/22 11:19

Matrix: Water

Date Received: 02/21/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-18

Lab Sample ID: 180-133984-5

Date Collected: 02/16/22 11:35

Matrix: Water

Date Received: 02/21/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-19

Lab Sample ID: 180-133984-6

Date Collected: 02/16/22 10:36

Matrix: Water

Date Received: 02/21/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: GWC-20

Lab Sample ID: 180-133984-7

Date Collected: 02/16/22 09:48

Matrix: Water

Date Received: 02/21/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

Method: Field Sampling - Field Sampling

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

Client Sample Results

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

Job ID: 180-133869-1

Client Sample ID: DUP-7

Lab Sample ID: 180-133984-8

Date Collected: 02/16/22 00:00

Matrix: Water

Date Received: 02/21/22 09:30

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

General Chemistry

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

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QC Sample Results

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

Job ID: 180-133869-1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 180-133869-1

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

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

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

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

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

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<0.71		50.0	48.9		mg/L		98	90 - 110	1	20
Fluoride	<0.026		2.50	2.56		mg/L		103	90 - 110	2	20
Sulfate	<0.76		50.0	51.6		mg/L		103	90 - 110	6	20

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

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

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

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

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

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 180-133869-1

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

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

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	72		250	309		mg/L		95	90 - 110
Fluoride	<0.13		12.5	12.3		mg/L		98	90 - 110
Sulfate	66		250	308		mg/L		97	90 - 110

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

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	72		250	317		mg/L		98	90 - 110	3	20
Fluoride	<0.13		12.5	12.7		mg/L		101	90 - 110	3	20
Sulfate	66		250	317		mg/L		100	90 - 110	3	20

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 180-133869-1

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

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

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

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

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

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

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

QC Sample Results

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

Job ID: 180-133869-1

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

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

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

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

Lab Sample ID: MB 180-388851/1-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388851

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

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QC Sample Results

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

Job ID: 180-133869-1

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 180-133869-1

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 180-133869-1

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 180-133869-1

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 180-133869-1

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

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

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

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

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

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

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

QC Sample Results

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

Job ID: 180-133869-1

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

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

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

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

Method: EPA 7470A - Mercury (CVAA)

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

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

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

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 180-133869-1

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

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

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

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

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00266		mg/L		106	80 - 120

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

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

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

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

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

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

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

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 15:20	1

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	422		mg/L		90	85 - 115

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

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	270		274		mg/L		0.4	10

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QC Sample Results

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

Job ID: 180-133869-1

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

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 18:15	1

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	436		mg/L		93	85 - 115

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

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

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

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

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

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

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/22/22 17:21	1

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	454		mg/L		97	85 - 115

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

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	390		390		mg/L		0.5	10

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/22/22 17:41	1

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QC Sample Results

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

Job ID: 180-133869-1

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

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	432		mg/L		92	85 - 115

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

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	66		65.0		mg/L		2	10

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/22/22 17:45	1

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	452		mg/L		96	85 - 115

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

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

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

Method: SM2320 B - Alkalinity, Total

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1

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QC Sample Results

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

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

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

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

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

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	244		mg/L		92	90 - 110

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	240		mg/L		91	90 - 110

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

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

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

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

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

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

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

Client Sample ID: GWC-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	38		39.4		mg/L		3	20
Bicarbonate Alkalinity as CaCO3	38		39.4		mg/L		3	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Sample Results

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

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	242		mg/L		92	90 - 110

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	240		mg/L		91	90 - 110

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	247		mg/L		93	90 - 110

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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	245		mg/L		92	90 - 110

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

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

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

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

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

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

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

Client Sample ID: GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	9.8		9.36		mg/L		4	20
Bicarbonate Alkalinity as CaCO3	9.8		9.36		mg/L		4	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

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

Client Sample ID: GWC-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	47		48.4		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	47		48.4		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

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

Client Sample ID: GWC-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	93		92.0		mg/L		1	20
Bicarbonate Alkalinity as CaCO3	93		92.0		mg/L		1	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/26/22 14:54	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 14:54	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 14:54	1

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/26/22 17:46	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 17:46	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 17:46	1

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QC Sample Results

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

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-389884/53
Matrix: Water
Analysis Batch: 389884

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	250		mg/L		94	90 - 110

Lab Sample ID: LLCS 180-389884/52
Matrix: Water
Analysis Batch: 389884

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.4		mg/L		91	75 - 125

Lab Sample ID: 180-134251-C-6 DU
Matrix: Water
Analysis Batch: 389884

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	32		31.9		mg/L		0.8	20
Bicarbonate Alkalinity as CaCO3	32		31.9		mg/L		0.8	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Association Summary

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

Job ID: 180-133869-1

HPLC/IC

Analysis Batch: 388878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	EPA 300.0 R2.1	
180-133869-2	GWC-2	Total/NA	Water	EPA 300.0 R2.1	
180-133869-3	GWC-3	Total/NA	Water	EPA 300.0 R2.1	
180-133869-4	GWC-4	Total/NA	Water	EPA 300.0 R2.1	
180-133869-5	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-133869-6	GWC-6	Total/NA	Water	EPA 300.0 R2.1	
180-133869-7	GWC-7	Total/NA	Water	EPA 300.0 R2.1	
180-133869-8	GWC-8A	Total/NA	Water	EPA 300.0 R2.1	
180-133869-9	GWC-9	Total/NA	Water	EPA 300.0 R2.1	
180-133869-10	GWC-10	Total/NA	Water	EPA 300.0 R2.1	
180-133869-11	GWA-15	Total/NA	Water	EPA 300.0 R2.1	
180-133869-12	GWA-16	Total/NA	Water	EPA 300.0 R2.1	
180-133869-13	GWA-17	Total/NA	Water	EPA 300.0 R2.1	
180-133869-14	FB-6	Total/NA	Water	EPA 300.0 R2.1	
180-133869-15	FB-7	Total/NA	Water	EPA 300.0 R2.1	
180-133869-16	EB-6	Total/NA	Water	EPA 300.0 R2.1	
180-133869-17	EB-7	Total/NA	Water	EPA 300.0 R2.1	
180-133869-18	DUP-6	Total/NA	Water	EPA 300.0 R2.1	
MB 180-388878/41	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-388878/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-388878/40	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-388878/6	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-133869-5 MS	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-133869-5 MSD	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-133869-15 MS	FB-7	Total/NA	Water	EPA 300.0 R2.1	
180-133869-15 MSD	FB-7	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 389765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
180-133984-2	GWC-12	Total/NA	Water	EPA 300.0 R2.1	
180-133984-3	GWC-13	Total/NA	Water	EPA 300.0 R2.1	
180-133984-4	GWC-14	Total/NA	Water	EPA 300.0 R2.1	
180-133984-5	GWC-18	Total/NA	Water	EPA 300.0 R2.1	
180-133984-6	GWC-19	Total/NA	Water	EPA 300.0 R2.1	
180-133984-7	GWC-20	Total/NA	Water	EPA 300.0 R2.1	
180-133984-8	DUP-7	Total/NA	Water	EPA 300.0 R2.1	
MB 180-389765/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-389765/6	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-133984-1 MS	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
180-133984-1 MSD	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
180-134279-B-1 MS	Matrix Spike	Total/NA	Water	EPA 300.0 R2.1	
180-134279-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 388850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total Recoverable	Water	3005A	
180-133869-2	GWC-2	Total Recoverable	Water	3005A	
180-133869-3	GWC-3	Total Recoverable	Water	3005A	

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QC Association Summary

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

Job ID: 180-133869-1

Metals (Continued)

Prep Batch: 388850 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-4	GWC-4	Total Recoverable	Water	3005A	
MB 180-388850/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-388850/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-133727-B-1-A MS	Matrix Spike	Total Recoverable	Water	3005A	
180-133727-B-1-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 388851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-5	GWC-5	Total Recoverable	Water	3005A	
180-133869-6	GWC-6	Total Recoverable	Water	3005A	
180-133869-7	GWC-7	Total Recoverable	Water	3005A	
180-133869-8	GWC-8A	Total Recoverable	Water	3005A	
180-133869-9	GWC-9	Total Recoverable	Water	3005A	
180-133869-10	GWC-10	Total Recoverable	Water	3005A	
180-133869-11	GWA-15	Total Recoverable	Water	3005A	
180-133869-12	GWA-16	Total Recoverable	Water	3005A	
180-133869-13	GWA-17	Total Recoverable	Water	3005A	
180-133869-14	FB-6	Total Recoverable	Water	3005A	
180-133869-15	FB-7	Total Recoverable	Water	3005A	
180-133869-16	EB-6	Total Recoverable	Water	3005A	
180-133869-17	EB-7	Total Recoverable	Water	3005A	
180-133869-18	DUP-6	Total Recoverable	Water	3005A	
MB 180-388851/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-388851/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-133869-5 MS	GWC-5	Total Recoverable	Water	3005A	
180-133869-5 MSD	GWC-5	Total Recoverable	Water	3005A	

Analysis Batch: 389213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total Recoverable	Water	EPA 6020B	388850
180-133869-2	GWC-2	Total Recoverable	Water	EPA 6020B	388850
180-133869-3	GWC-3	Total Recoverable	Water	EPA 6020B	388850
180-133869-4	GWC-4	Total Recoverable	Water	EPA 6020B	388850
180-133869-5	GWC-5	Total Recoverable	Water	EPA 6020B	388851
180-133869-6	GWC-6	Total Recoverable	Water	EPA 6020B	388851
180-133869-7	GWC-7	Total Recoverable	Water	EPA 6020B	388851
180-133869-8	GWC-8A	Total Recoverable	Water	EPA 6020B	388851
180-133869-9	GWC-9	Total Recoverable	Water	EPA 6020B	388851
180-133869-10	GWC-10	Total Recoverable	Water	EPA 6020B	388851
180-133869-11	GWA-15	Total Recoverable	Water	EPA 6020B	388851
180-133869-12	GWA-16	Total Recoverable	Water	EPA 6020B	388851
180-133869-13	GWA-17	Total Recoverable	Water	EPA 6020B	388851
180-133869-14	FB-6	Total Recoverable	Water	EPA 6020B	388851
180-133869-15	FB-7	Total Recoverable	Water	EPA 6020B	388851
180-133869-16	EB-6	Total Recoverable	Water	EPA 6020B	388851
180-133869-17	EB-7	Total Recoverable	Water	EPA 6020B	388851
180-133869-18	DUP-6	Total Recoverable	Water	EPA 6020B	388851
MB 180-388850/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	388850
MB 180-388851/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	388851
LCS 180-388850/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	388850
LCS 180-388851/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	388851

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QC Association Summary

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

Job ID: 180-133869-1

Metals (Continued)

Analysis Batch: 389213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133727-B-1-A MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	388850
180-133727-B-1-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	388850
180-133869-5 MS	GWC-5	Total Recoverable	Water	EPA 6020B	388851
180-133869-5 MSD	GWC-5	Total Recoverable	Water	EPA 6020B	388851

Prep Batch: 389538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total Recoverable	Water	3005A	
180-133984-2	GWC-12	Total Recoverable	Water	3005A	
180-133984-3	GWC-13	Total Recoverable	Water	3005A	
180-133984-4	GWC-14	Total Recoverable	Water	3005A	
180-133984-5	GWC-18	Total Recoverable	Water	3005A	
180-133984-6	GWC-19	Total Recoverable	Water	3005A	
180-133984-7	GWC-20	Total Recoverable	Water	3005A	
180-133984-8	DUP-7	Total Recoverable	Water	3005A	
MB 180-389538/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-389538/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-134138-E-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-134138-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 389665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-16	EB-6	Total Recoverable	Water	3005A	
MB 180-389665/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-389665/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-134242-C-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-134242-C-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 389781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	7470A	
180-133869-2	GWC-2	Total/NA	Water	7470A	
180-133869-3	GWC-3	Total/NA	Water	7470A	
180-133869-4	GWC-4	Total/NA	Water	7470A	
180-133869-5	GWC-5	Total/NA	Water	7470A	
180-133869-6	GWC-6	Total/NA	Water	7470A	
180-133869-7	GWC-7	Total/NA	Water	7470A	
180-133869-8	GWC-8A	Total/NA	Water	7470A	
180-133869-9	GWC-9	Total/NA	Water	7470A	
180-133869-10	GWC-10	Total/NA	Water	7470A	
180-133869-11	GWA-15	Total/NA	Water	7470A	
180-133869-12	GWA-16	Total/NA	Water	7470A	
180-133869-13	GWA-17	Total/NA	Water	7470A	
180-133869-14	FB-6	Total/NA	Water	7470A	
180-133869-15	FB-7	Total/NA	Water	7470A	
180-133869-16	EB-6	Total/NA	Water	7470A	
180-133869-17	EB-7	Total/NA	Water	7470A	
180-133869-18	DUP-6	Total/NA	Water	7470A	
MB 180-389781/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389781/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-133869-1 MS	GWC-1	Total/NA	Water	7470A	

Eurofins Pittsburgh

QC Association Summary

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

Job ID: 180-133869-1

Metals (Continued)

Prep Batch: 389781 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1 MSD	GWC-1	Total/NA	Water	7470A	

Analysis Batch: 389850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total Recoverable	Water	EPA 6020B	389538
180-133984-2	GWC-12	Total Recoverable	Water	EPA 6020B	389538
180-133984-3	GWC-13	Total Recoverable	Water	EPA 6020B	389538
180-133984-4	GWC-14	Total Recoverable	Water	EPA 6020B	389538
180-133984-5	GWC-18	Total Recoverable	Water	EPA 6020B	389538
180-133984-6	GWC-19	Total Recoverable	Water	EPA 6020B	389538
180-133984-7	GWC-20	Total Recoverable	Water	EPA 6020B	389538
180-133984-8	DUP-7	Total Recoverable	Water	EPA 6020B	389538
MB 180-389538/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	389538
LCS 180-389538/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	389538
180-134138-E-1-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	389538
180-134138-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	389538

Prep Batch: 389940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	7470A	
180-133984-2	GWC-12	Total/NA	Water	7470A	
180-133984-3	GWC-13	Total/NA	Water	7470A	
180-133984-4	GWC-14	Total/NA	Water	7470A	
180-133984-5	GWC-18	Total/NA	Water	7470A	
180-133984-6	GWC-19	Total/NA	Water	7470A	
180-133984-7	GWC-20	Total/NA	Water	7470A	
180-133984-8	DUP-7	Total/NA	Water	7470A	
MB 180-389940/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	7470A	
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 390002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	EPA 7470A	389781
180-133869-2	GWC-2	Total/NA	Water	EPA 7470A	389781
180-133869-3	GWC-3	Total/NA	Water	EPA 7470A	389781
180-133869-4	GWC-4	Total/NA	Water	EPA 7470A	389781
180-133869-5	GWC-5	Total/NA	Water	EPA 7470A	389781
180-133869-6	GWC-6	Total/NA	Water	EPA 7470A	389781
180-133869-7	GWC-7	Total/NA	Water	EPA 7470A	389781
180-133869-8	GWC-8A	Total/NA	Water	EPA 7470A	389781
180-133869-9	GWC-9	Total/NA	Water	EPA 7470A	389781
180-133869-10	GWC-10	Total/NA	Water	EPA 7470A	389781
180-133869-11	GWA-15	Total/NA	Water	EPA 7470A	389781
180-133869-12	GWA-16	Total/NA	Water	EPA 7470A	389781
180-133869-13	GWA-17	Total/NA	Water	EPA 7470A	389781
180-133869-14	FB-6	Total/NA	Water	EPA 7470A	389781
180-133869-15	FB-7	Total/NA	Water	EPA 7470A	389781
180-133869-16	EB-6	Total/NA	Water	EPA 7470A	389781
180-133869-17	EB-7	Total/NA	Water	EPA 7470A	389781

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QC Association Summary

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

Job ID: 180-133869-1

Metals (Continued)

Analysis Batch: 390002 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-18	DUP-6	Total/NA	Water	EPA 7470A	389781
180-133984-1	GWC-11	Total/NA	Water	EPA 7470A	389940
180-133984-2	GWC-12	Total/NA	Water	EPA 7470A	389940
180-133984-3	GWC-13	Total/NA	Water	EPA 7470A	389940
180-133984-4	GWC-14	Total/NA	Water	EPA 7470A	389940
180-133984-5	GWC-18	Total/NA	Water	EPA 7470A	389940
180-133984-6	GWC-19	Total/NA	Water	EPA 7470A	389940
180-133984-7	GWC-20	Total/NA	Water	EPA 7470A	389940
180-133984-8	DUP-7	Total/NA	Water	EPA 7470A	389940
MB 180-389781/1-A	Method Blank	Total/NA	Water	EPA 7470A	389781
MB 180-389940/1-A	Method Blank	Total/NA	Water	EPA 7470A	389940
LCS 180-389781/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389781
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389940
180-133869-1 MS	GWC-1	Total/NA	Water	EPA 7470A	389781
180-133869-1 MSD	GWC-1	Total/NA	Water	EPA 7470A	389781
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	EPA 7470A	389940
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	389940

Analysis Batch: 390021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-16	EB-6	Total Recoverable	Water	EPA 6020B	389665
MB 180-389665/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	389665
LCS 180-389665/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	389665
180-134242-C-3-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	389665
180-134242-C-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	389665

General Chemistry

Analysis Batch: 388814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	SM 2540C	
180-133869-2	GWC-2	Total/NA	Water	SM 2540C	
MB 180-388814/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-388814/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133727-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 388829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-3	GWC-3	Total/NA	Water	SM 2540C	
180-133869-4	GWC-4	Total/NA	Water	SM 2540C	
180-133869-5	GWC-5	Total/NA	Water	SM 2540C	
180-133869-6	GWC-6	Total/NA	Water	SM 2540C	
180-133869-7	GWC-7	Total/NA	Water	SM 2540C	
180-133869-8	GWC-8A	Total/NA	Water	SM 2540C	
180-133869-9	GWC-9	Total/NA	Water	SM 2540C	
180-133869-10	GWC-10	Total/NA	Water	SM 2540C	
180-133869-11	GWA-15	Total/NA	Water	SM 2540C	
180-133869-12	GWA-16	Total/NA	Water	SM 2540C	
180-133869-13	GWA-17	Total/NA	Water	SM 2540C	
180-133869-14	FB-6	Total/NA	Water	SM 2540C	
180-133869-15	FB-7	Total/NA	Water	SM 2540C	

Eurofins Pittsburgh

QC Association Summary

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

Job ID: 180-133869-1

General Chemistry (Continued)

Analysis Batch: 388829 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-16	EB-6	Total/NA	Water	SM 2540C	
180-133869-18	DUP-6	Total/NA	Water	SM 2540C	
MB 180-388829/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-388829/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133869-4 DU	GWC-4	Total/NA	Water	SM 2540C	
180-133869-13 DU	GWA-17	Total/NA	Water	SM 2540C	

Analysis Batch: 389176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-17	EB-7	Total/NA	Water	SM 2540C	
MB 180-389176/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389176/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-134015-D-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 389182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	SM 2540C	
180-133984-2	GWC-12	Total/NA	Water	SM 2540C	
180-133984-3	GWC-13	Total/NA	Water	SM 2540C	
180-133984-4	GWC-14	Total/NA	Water	SM 2540C	
180-133984-5	GWC-18	Total/NA	Water	SM 2540C	
180-133984-6	GWC-19	Total/NA	Water	SM 2540C	
MB 180-389182/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389182/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133982-A-6 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 389184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-7	GWC-20	Total/NA	Water	SM 2540C	
180-133984-8	DUP-7	Total/NA	Water	SM 2540C	
MB 180-389184/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389184/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133984-8 DU	DUP-7	Total/NA	Water	SM 2540C	

Analysis Batch: 389234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	SM2320 B	
180-133869-2	GWC-2	Total/NA	Water	SM2320 B	
180-133869-3	GWC-3	Total/NA	Water	SM2320 B	
180-133869-4	GWC-4	Total/NA	Water	SM2320 B	
180-133869-5	GWC-5	Total/NA	Water	SM2320 B	
180-133869-6	GWC-6	Total/NA	Water	SM2320 B	
180-133869-7	GWC-7	Total/NA	Water	SM2320 B	
180-133869-8	GWC-8A	Total/NA	Water	SM2320 B	
180-133869-9	GWC-9	Total/NA	Water	SM2320 B	
180-133869-10	GWC-10	Total/NA	Water	SM2320 B	
180-133869-11	GWA-15	Total/NA	Water	SM2320 B	
180-133869-12	GWA-16	Total/NA	Water	SM2320 B	
180-133869-13	GWA-17	Total/NA	Water	SM2320 B	
180-133869-14	FB-6	Total/NA	Water	SM2320 B	
180-133869-15	FB-7	Total/NA	Water	SM2320 B	

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QC Association Summary

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

Job ID: 180-133869-1

General Chemistry (Continued)

Analysis Batch: 389234 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-16	EB-6	Total/NA	Water	SM2320 B	
180-133869-17	EB-7	Total/NA	Water	SM2320 B	
180-133869-18	DUP-6	Total/NA	Water	SM2320 B	
MB 180-389234/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389234/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389234/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-133869-3 DU	GWC-3	Total/NA	Water	SM2320 B	
180-133869-11 DU	GWA-15	Total/NA	Water	SM2320 B	
180-133869-17 DU	EB-7	Total/NA	Water	SM2320 B	

Analysis Batch: 389552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-2	GWC-12	Total/NA	Water	SM2320 B	
180-133984-3	GWC-13	Total/NA	Water	SM2320 B	
180-133984-4	GWC-14	Total/NA	Water	SM2320 B	
180-133984-5	GWC-18	Total/NA	Water	SM2320 B	
180-133984-6	GWC-19	Total/NA	Water	SM2320 B	
MB 180-389552/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389552/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389552/6	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389552/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389552/29	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389552/5	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389552/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389552/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389552/28	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389552/4	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389552/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389552/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-133984-2 DU	GWC-12	Total/NA	Water	SM2320 B	
180-133984-3 DU	GWC-13	Total/NA	Water	SM2320 B	
180-133984-6 DU	GWC-19	Total/NA	Water	SM2320 B	

Analysis Batch: 389884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	SM2320 B	
180-133984-7	GWC-20	Total/NA	Water	SM2320 B	
180-133984-8	DUP-7	Total/NA	Water	SM2320 B	
MB 180-389884/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389884/54	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389884/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389884/52	Lab Control Sample	Total/NA	Water	SM2320 B	
180-134251-C-6 DU	Duplicate	Total/NA	Water	SM2320 B	

QC Association Summary

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

Job ID: 180-133869-1

Field Service / Mobile Lab

Analysis Batch: 389613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	Field Sampling	
180-133869-2	GWC-2	Total/NA	Water	Field Sampling	
180-133869-3	GWC-3	Total/NA	Water	Field Sampling	
180-133869-4	GWC-4	Total/NA	Water	Field Sampling	
180-133869-5	GWC-5	Total/NA	Water	Field Sampling	
180-133869-6	GWC-6	Total/NA	Water	Field Sampling	
180-133869-7	GWC-7	Total/NA	Water	Field Sampling	
180-133869-8	GWC-8A	Total/NA	Water	Field Sampling	
180-133869-9	GWC-9	Total/NA	Water	Field Sampling	
180-133869-10	GWC-10	Total/NA	Water	Field Sampling	
180-133869-11	GWA-15	Total/NA	Water	Field Sampling	
180-133869-12	GWA-16	Total/NA	Water	Field Sampling	
180-133869-13	GWA-17	Total/NA	Water	Field Sampling	

Analysis Batch: 389904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	Field Sampling	
180-133984-2	GWC-12	Total/NA	Water	Field Sampling	
180-133984-3	GWC-13	Total/NA	Water	Field Sampling	
180-133984-4	GWC-14	Total/NA	Water	Field Sampling	
180-133984-5	GWC-18	Total/NA	Water	Field Sampling	
180-133984-6	GWC-19	Total/NA	Water	Field Sampling	
180-133984-7	GWC-20	Total/NA	Water	Field Sampling	

TestAmerica Pittsburgh

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 Pittsburgh, PA 15238-2907
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Chain of Custody



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THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Ot

180-133869 Chain of Custody

Client Contact Joju Abraham Southern Company 241 Ralph McGill Blvd SE B10185 Atlanta, GA 30308 JAbraham@southernco.com	Project Manager: Dawn Prell Tel/Fax: 248-536-5445	Site Contact: Dawn Prell Lab Contact: Shali Brown	Carrier: 1 of 2 COCs
Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below ___ 3-5 days ___ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: SDG No.:	
Project Name: CCR - Plant Scherer Cell 1 Site: Georgia P O #			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Tl, Vn, Zn	Cations: Na, Mg, K	Cl, F, So4, TDS	Alkalinity (total, CO3, HCO3)	Sample Specific Notes:
GWC-1	2/15/2022	13:01	G	GW	2			X	X	X	X	pH= 6.83
GWC-2	2/15/2022	11:05	G	GW	2			X	X	X	X	pH= 6.61
GWC-3	2/15/2022	15:55	G	GW	2			X	X	X	X	pH= 5.87
GWC-4	2/15/2022	10:10	G	GW	2			X	X	X	X	pH= 6.37
GWC-5	2/15/2022	14:05	G	GW	2			X	X	X	X	pH= 6.16
GWC-6	2/15/2022	13:25	G	GW	2			X	X	X	X	pH= 6.10
GWC-7	2/15/2022	12:30	G	GW	2			X	X	X	X	pH= 6.22
GWC-8A	2/15/2022	9:30	G	GW	2			X	X	X	X	pH= 6.34
GWC-9	2/15/2022	10:50	G	GW	2			X	X	X	X	pH= 6.61
GWC-10	2/15/2022	15:05	G	GW	2			X	X	X	X	pH= 6.48
GWA-15	2/15/2022	12:35	G	GW	2			X	X	X	X	pH= 5.40
GWA-16	2/15/2022	13:38	G	GW	2			X	X	X	X	pH= 6.46

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable S Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: <i>Dawn Prell</i>	Company: <i>WSP-brown</i>	Date/Time: <i>2/16/22 9:58</i>	Received by: <i>Elaine Cook</i>	Company: <i>Courier Now</i>	Date/Time: <i>2/16/22</i>
Relinquished by: <i>Elaine Cook</i>	Company: <i>Courier Now</i>	Date/Time: <i>2/16/22 9:58</i>	Received by: <i>Michael Mackel</i>	Company: <i>Courier Now</i>	Date/Time: <i>2-16-22 9:58</i>
Relinquished by: <i>Michael Mackel</i>	Company: <i>TestAmerica</i>	Date/Time: <i>2-16-22 9:58</i>	Received in Laboratory by: <i>Michael Mackel</i>	Company: <i>TestAmerica</i>	Date/Time: <i>2-17-22 9:30</i>

TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Dawn Prell		Site Contact: Dawn Prell		Date: 2/15/2022		COC No:						
Joju Abraham		Tel/Fax: 248-536-5445		Lab Contact: Shali Brown		Carrier:		2 of 2 COCs						
Southern Company		Analysis Turnaround Time												
241 Ralph McGill Blvd SE B10185		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS												
Atlanta, GA 30308		TAT if different from Below ___3-5 days___												
JAbraham@southernco.com		<input type="checkbox"/> 2 weeks												
Project Name: CCR - Plant Scherer Cell 1		<input type="checkbox"/> 1 week												
Site: Georgia		<input type="checkbox"/> 2 days												
P O #		<input type="checkbox"/> 1 day												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	8020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn	Cations: Na, Mg, K	Cl, F, So4, PO4	Alkalinity (Total, CO3, HCO3)	Sample Specific Notes:	

244 ATLANTA

GWA-17	2/15/2022	14:35	G	GW	2		X	X	X	X			pH= 6.20
FB-6	2/15/2022	12:45	G	GW	2		X	X	X	X			
FB-7	2/15/2022	14:55	G	GW	2		X	X	X	X			
EB-6	2/15/2022	10:00	G	GW	2		X	X	X	X			
EB-7	2/15/2022	15:15	G	GW	2		X	X	X	X			
DUP-6	2/15/2022	-	G	GW	2		X	X	X	X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable S Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Therm ID No.:
Relinquished by: <i>Wasa Bowen</i>	Company: <i>Wasa Bowen</i>	Date/Time: <i>2/16/22 8:00</i>	Received by: <i>Elaine Cook</i>	Company: <i>Courier Now</i>
Relinquished by: <i>Elaine Cook</i>	Company: <i>Courier Now</i>	Date/Time: <i>2/16/22 9:58</i>	Received by: <i>Michael Masked</i>	Company: <i>Watom</i>
Relinquished by: <i>Michael Masked</i>	Company: <i>Watom</i>	Date/Time: <i>2/16/22 9:58</i>	Received in Laboratory by: <i>Watom</i>	Company: <i>Watom</i>

Form No. CA-C-WI-002, Rev. 4.20, dated 2/28/2019

9:30

TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody Record

ATLANTA-244

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact	Project Manager: Dawn Prell	Site Contact: Dawn Prell	Date: 2/17/2022	COC No:
Joju Abraham	Tel/Fax: 248-536-5445	Lab Contact: Shali Brown	Carrier:	__1__ of __1__ COCs
Southern Company	Analysis Turnaround Time			Sampler:
241 Ralph McGill Blvd SE B10185	<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS			For Lab Use Only:
Atlanta, GA 30308	TAT if different from Below __3-5 days__			Walk-in Client:
JAbraham@southernco.com	<input type="checkbox"/> 2 weeks			Lab Sampling:
Project Name: CCR - Plant Scherer Cell 1	<input type="checkbox"/> 1 week			Job / SDG No.:
Site: Georgia	<input type="checkbox"/> 2 days			
P O #	<input type="checkbox"/> 1 day			

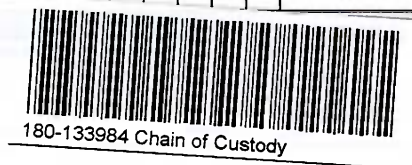
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vh, Zn	Cations: Na, Mg, K	Cl, F, So4, TDS	Alkalinity (total, CO3, HCO3)	Sample Specific Notes:
GWC-11	2/16/2022	11:55	G	GW	2			X	X	X	X	pH= 6.16
GWC-12	2/16/2022	12:56	G	GW	2			X	X	X	X	pH= 5.11
GWC-13	2/16/2022	9:25	G	GW	2			X	X	X	X	pH= 5.79
GWC-14	2/16/2022	11:19	G	GW	2			X	X	X	X	pH= 5.60
GWC-18	2/16/2022	11:35	G	GW	2			X	X	X	X	pH= 6.54
GWC-19	2/16/2022	10:36	G	GW	2			X	X	X	X	pH= 6.47
GWC-20	2/16/2022	9:48	G	GW	2			X	X	X	X	pH= 6.71
DUP-7	2/16/2022	--	G	GW	2			X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Poison B Unknown

Sample Disposal (A fee may be assessed if)
 Return to Client C



Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: <i>[Signature]</i>	Company: <i>Goldor</i>	Date/Time: <i>2-17-22/10:30</i>	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: <i>2-17-22 10:30</i>
Relinquished by: <i>[Signature]</i>	Company:	Date/Time: <i>2-17-22 9:30</i>	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: <i>2-17-22 9:30</i>
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133869-1

Login Number: 133869

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Watson, Debbie

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



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133869-1

Login Number: 133984

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Kovitch, Christina M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	COOLER 3042 8.7
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

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

Laboratory Job ID: 180-133780-1
Client Project/Site: Scherer PAC Ash Cell

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

Attn: Joju Abraham



Authorized for release by:
3/1/2022 9:04:18 PM

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

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results through
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www.eurofinsus.com/Env

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

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

PA Lab ID: 02-00416



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Case Narrative

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Job ID: 180-133780-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-133780-1

Receipt

The samples were received on 2/16/2022 4:45 PM and 2/17/2022 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 3.6°C, 3.6°C, 4.1°C and 4.5°C

HPLC/IC

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

Metals

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

General Chemistry

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

Field Service / Mobile Lab

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



Definitions/Glossary

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Laboratory: Eurofins Pittsburgh

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

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

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

Sample Summary

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-133780-1	GWA-21	Water	02/14/22 10:58	02/16/22 16:45
180-133780-2	GWC-29	Water	02/14/22 15:14	02/16/22 16:45
180-133780-3	GWA-45	Water	02/14/22 15:05	02/16/22 16:45
180-133780-4	GWA-46	Water	02/14/22 16:10	02/16/22 16:45
180-133780-5	GWA-47	Water	02/14/22 16:00	02/16/22 16:45
180-133780-6	GWA-48	Water	02/14/22 11:00	02/16/22 16:45
180-133780-7	GWA-49	Water	02/14/22 13:38	02/16/22 16:45
180-133780-8	GWC-50	Water	02/14/22 14:26	02/16/22 16:45
180-133780-9	GWC-52	Water	02/14/22 14:05	02/16/22 16:45
180-133780-10	GWC-53	Water	02/14/22 12:30	02/16/22 16:45
180-133780-11	FB-4	Water	02/14/22 15:15	02/16/22 16:45
180-133780-12	FB-5	Water	02/14/22 16:25	02/16/22 16:45
180-133780-13	EB-5	Water	02/14/22 15:40	02/16/22 16:45
180-133780-14	EB-4	Water	02/14/22 10:45	02/16/22 16:45
180-133780-15	DUP-4	Water	02/14/22 00:01	02/16/22 16:45
180-133780-16	DUP-5	Water	02/14/22 00:01	02/16/22 16:45
180-133870-1	GWA-22	Water	02/15/22 10:30	02/17/22 09:30
180-133870-2	GWC-51	Water	02/15/22 11:59	02/17/22 09:30



Method Summary

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

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

Protocol References:

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-21

Lab Sample ID: 180-133780-1

Date Collected: 02/14/22 10:58

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 19:22	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 13:48	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:40	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 16:59	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 10:58	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-29

Lab Sample ID: 180-133780-2

Date Collected: 02/14/22 15:14

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 23:55	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 13:50	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:43	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 17:19	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 15:14	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-45

Lab Sample ID: 180-133780-3

Date Collected: 02/14/22 15:05

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/19/22 00:36	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 13:53	RSK	TAL PIT
Instrument ID: NEMO										

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-45

Lab Sample ID: 180-133780-3

Date Collected: 02/14/22 15:05

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:45	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 17:33	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 15:05	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-46

Lab Sample ID: 180-133780-4

Date Collected: 02/14/22 16:10

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 20:30	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 13:55	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:46	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 17:40	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 16:10	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-47

Lab Sample ID: 180-133780-5

Date Collected: 02/14/22 16:00

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 20:44	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 13:58	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:47	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-47

Date Collected: 02/14/22 16:00

Date Received: 02/16/22 16:45

Lab Sample ID: 180-133780-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 17:47	CMT	TAL PIT
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 16:00	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-48

Date Collected: 02/14/22 11:00

Date Received: 02/16/22 16:45

Lab Sample ID: 180-133780-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 20:57	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:01	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:48	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 17:54	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 11:00	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-49

Date Collected: 02/14/22 13:38

Date Received: 02/16/22 16:45

Lab Sample ID: 180-133780-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 21:11	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:03	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:52	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 18:01	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 13:38	KAR	TAL PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-50

Lab Sample ID: 180-133780-8

Date Collected: 02/14/22 14:26

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 21:25	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:11	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:53	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 18:08	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 14:26	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-52

Lab Sample ID: 180-133780-9

Date Collected: 02/14/22 14:05

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 21:38	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:14	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:54	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 18:16	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 14:05	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-53

Lab Sample ID: 180-133780-10

Date Collected: 02/14/22 12:30

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 21:52	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:16	RSK	TAL PIT
Instrument ID: NEMO										

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-53

Lab Sample ID: 180-133780-10

Date Collected: 02/14/22 12:30

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:55	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 18:23	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 12:30	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FB-4

Lab Sample ID: 180-133780-11

Date Collected: 02/14/22 15:15

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 22:06	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:19	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:56	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 19:04	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: FB-5

Lab Sample ID: 180-133780-12

Date Collected: 02/14/22 16:25

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 22:47	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:21	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:57	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 19:15	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: EB-5

Lab Sample ID: 180-133780-13

Date Collected: 02/14/22 15:40

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 23:00	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:24	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:58	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 19:20	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: EB-4

Lab Sample ID: 180-133780-14

Date Collected: 02/14/22 10:45

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 23:14	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:27	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:59	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 19:25	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: DUP-4

Lab Sample ID: 180-133780-15

Date Collected: 02/14/22 00:01

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/19/22 00:49	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388754	02/18/22 10:40	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389218	02/22/22 13:47	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 13:00	RJR	TAL PIT
Instrument ID: HGY										

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: DUP-4

Lab Sample ID: 180-133780-15

Date Collected: 02/14/22 00:01

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 19:31	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: DUP-5

Lab Sample ID: 180-133780-16

Date Collected: 02/14/22 00:01

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/19/22 01:30	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388754	02/18/22 10:40	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389218	02/22/22 13:51	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 13:01	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 19:38	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: GWA-22

Lab Sample ID: 180-133870-1

Date Collected: 02/15/22 10:30

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 18:52	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:46	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389777	02/28/22 11:26	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389986	03/01/22 17:04	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389014	02/21/22 13:57	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 02:05	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389742	02/15/22 10:30	FDS	TAL PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-51

Lab Sample ID: 180-133870-2

Date Collected: 02/15/22 11:59

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 19:05	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:48	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389777	02/28/22 11:26	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389986	03/01/22 17:05	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389014	02/21/22 13:57	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 03:10	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389742	02/15/22 11:59	FDS	TAL PIT
Instrument ID: NOEQUIP										

Laboratory References:

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

Analyst References:

Lab: TAL PIT

Batch Type: Prep

KFS = Kelly Shannon

RJR = Ron Rosenbaum

Batch Type: Analysis

CMT = Cassandra Tlumac

FDS = Sampler Field

JCR = Jessica Rodgers

JRB = James Burzio

KAR = Kacy Reitnauer

RJR = Ron Rosenbaum

RSK = Robert Kurtz

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-21

Lab Sample ID: 180-133780-1

Date Collected: 02/14/22 10:58

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.71	mg/L			02/18/22 19:22	1
Fluoride	0.058	J	0.10	0.026	mg/L			02/18/22 19:22	1
Sulfate	1.0		1.0	0.76	mg/L			02/18/22 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 13:48	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 13:48	1
Barium	0.024		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 13:48	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 13:48	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 13:48	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 13:48	1
Calcium	8.0		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 13:48	1
Chromium	0.0026		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 13:48	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 13:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 13:48	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 13:48	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 13:48	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 13:48	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 13:48	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 13:48	1
Vanadium	0.0033		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 13:48	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 13:48	1
Sodium	7.2		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 13:48	1
Potassium	0.69		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 13:48	1
Magnesium	4.7		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 13:48	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	50		5.0	5.0	mg/L			02/22/22 16:59	1
Bicarbonate Alkalinity as CaCO3	50		5.0	5.0	mg/L			02/22/22 16:59	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 16:59	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.99				SU			02/14/22 10:58	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-29

Lab Sample ID: 180-133780-2

Date Collected: 02/14/22 15:14

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.8		1.0	0.71	mg/L			02/18/22 23:55	1
Fluoride	0.074	J	0.10	0.026	mg/L			02/18/22 23:55	1
Sulfate	2.9		1.0	0.76	mg/L			02/18/22 23:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 13:50	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 13:50	1
Barium	0.020		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 13:50	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 13:50	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 13:50	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 13:50	1
Calcium	16		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 13:50	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 13:50	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 13:50	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 13:50	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 13:50	1
Nickel	0.0034		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 13:50	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 13:50	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 13:50	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 13:50	1
Vanadium	0.0047		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 13:50	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 13:50	1
Sodium	5.4		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 13:50	1
Potassium	0.72		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 13:50	1
Magnesium	9.6		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 13:50	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	89		5.0	5.0	mg/L			02/22/22 17:19	1
Bicarbonate Alkalinity as CaCO3	89		5.0	5.0	mg/L			02/22/22 17:19	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 17:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.29				SU			02/14/22 15:14	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-45

Lab Sample ID: 180-133780-3

Date Collected: 02/14/22 15:05

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.71	mg/L			02/19/22 00:36	1
Fluoride	0.052	J	0.10	0.026	mg/L			02/19/22 00:36	1
Sulfate	130		1.0	0.76	mg/L			02/19/22 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 13:53	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 13:53	1
Barium	0.077		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 13:53	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 13:53	1
Boron	0.86		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 13:53	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 13:53	1
Calcium	26		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 13:53	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 13:53	1
Cobalt	0.00059	J	0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 13:53	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 13:53	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 13:53	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 13:53	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 13:53	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 13:53	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 13:53	1
Vanadium	0.0028		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 13:53	1
Zinc	0.0030	J	0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 13:53	1
Sodium	41		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 13:53	1
Potassium	3.2		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 13:53	1
Magnesium	7.8		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 13:53	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	290		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	45		5.0	5.0	mg/L			02/22/22 17:33	1
Bicarbonate Alkalinity as CaCO3	45		5.0	5.0	mg/L			02/22/22 17:33	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 17:33	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.31				SU			02/14/22 15:05	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-46

Lab Sample ID: 180-133780-4

Date Collected: 02/14/22 16:10

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.0		1.0	0.71	mg/L			02/18/22 20:30	1
Fluoride	0.050	J	0.10	0.026	mg/L			02/18/22 20:30	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 20:30	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 13:55	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 13:55	1
Barium	0.024		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 13:55	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 13:55	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 13:55	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 13:55	1
Calcium	5.9		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 13:55	1
Chromium	0.0047		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 13:55	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 13:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 13:55	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 13:55	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 13:55	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 13:55	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 13:55	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 13:55	1
Vanadium	0.0032		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 13:55	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 13:55	1
Sodium	4.4		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 13:55	1
Potassium	0.82		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 13:55	1
Magnesium	3.0		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 13:55	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	68		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	34		5.0	5.0	mg/L			02/22/22 17:40	1
Bicarbonate Alkalinity as CaCO3	34		5.0	5.0	mg/L			02/22/22 17:40	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 17:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.85				SU			02/14/22 16:10	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-47

Lab Sample ID: 180-133780-5

Date Collected: 02/14/22 16:00

Matrix: Water

Date Received: 02/16/22 16:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.71	mg/L			02/18/22 20:44	1
Fluoride	0.068	J	0.10	0.026	mg/L			02/18/22 20:44	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 20:44	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 13:58	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 13:58	1
Barium	0.029		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 13:58	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 13:58	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 13:58	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 13:58	1
Calcium	11		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 13:58	1
Chromium	0.0086		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 13:58	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 13:58	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 13:58	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 13:58	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 13:58	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 13:58	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 13:58	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 13:58	1
Vanadium	0.0076		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 13:58	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 13:58	1
Sodium	6.4		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 13:58	1
Potassium	0.92		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 13:58	1
Magnesium	5.0		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 13:58	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	94		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	65		5.0	5.0	mg/L			02/22/22 17:47	1
Bicarbonate Alkalinity as CaCO3	65		5.0	5.0	mg/L			02/22/22 17:47	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 17:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.60				SU			02/14/22 16:00	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-48

Lab Sample ID: 180-133780-6

Date Collected: 02/14/22 11:00

Matrix: Water

Date Received: 02/16/22 16:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.71	mg/L			02/18/22 20:57	1
Fluoride	0.056	J	0.10	0.026	mg/L			02/18/22 20:57	1
Sulfate	1.2		1.0	0.76	mg/L			02/18/22 20:57	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:01	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:01	1
Barium	0.014		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:01	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:01	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:01	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:01	1
Calcium	11		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:01	1
Chromium	0.0058		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:01	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:01	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:01	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:01	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:01	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:01	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:01	1
Vanadium	0.019		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:01	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:01	1
Sodium	5.3		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:01	1
Potassium	0.94		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:01	1
Magnesium	4.9		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:01	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	61		5.0	5.0	mg/L			02/22/22 17:54	1
Bicarbonate Alkalinity as CaCO3	61		5.0	5.0	mg/L			02/22/22 17:54	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 17:54	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.93				SU			02/14/22 11:00	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-49

Lab Sample ID: 180-133780-7

Date Collected: 02/14/22 13:38

Matrix: Water

Date Received: 02/16/22 16:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.71	mg/L			02/18/22 21:11	1
Fluoride	0.070	J	0.10	0.026	mg/L			02/18/22 21:11	1
Sulfate	0.85	J	1.0	0.76	mg/L			02/18/22 21:11	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:03	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:03	1
Barium	0.022		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:03	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:03	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:03	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:03	1
Calcium	13		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:03	1
Chromium	0.0076		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:03	1
Cobalt	0.00039	J	0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:03	1
Copper	0.0014	J	0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:03	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:03	1
Nickel	0.00088	J	0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:03	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:03	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:03	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:03	1
Vanadium	0.020		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:03	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:03	1
Sodium	5.7		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:03	1
Potassium	0.85		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:03	1
Magnesium	6.8		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:03	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	77		5.0	5.0	mg/L			02/22/22 18:01	1
Bicarbonate Alkalinity as CaCO3	77		5.0	5.0	mg/L			02/22/22 18:01	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.10				SU			02/14/22 13:38	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-50

Lab Sample ID: 180-133780-8

Date Collected: 02/14/22 14:26

Matrix: Water

Date Received: 02/16/22 16:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.71	mg/L			02/18/22 21:25	1
Fluoride	0.057	J	0.10	0.026	mg/L			02/18/22 21:25	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 21:25	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:11	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:11	1
Barium	0.018		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:11	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:11	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:11	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:11	1
Calcium	6.5		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:11	1
Chromium	0.0046		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:11	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:11	1
Copper	0.0013	J	0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:11	1
Lead	0.00019	J	0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:11	1
Nickel	0.0026		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:11	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:11	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:11	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:11	1
Vanadium	0.0042		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:11	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:11	1
Sodium	4.7		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:11	1
Potassium	0.62		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:11	1
Magnesium	3.2		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:11	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	79		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	41		5.0	5.0	mg/L			02/22/22 18:08	1
Bicarbonate Alkalinity as CaCO3	41		5.0	5.0	mg/L			02/22/22 18:08	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.90				SU			02/14/22 14:26	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-52

Lab Sample ID: 180-133780-9

Date Collected: 02/14/22 14:05

Matrix: Water

Date Received: 02/16/22 16:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.6		1.0	0.71	mg/L			02/18/22 21:38	1
Fluoride	0.055	J	0.10	0.026	mg/L			02/18/22 21:38	1
Sulfate	56		1.0	0.76	mg/L			02/18/22 21:38	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:14	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:14	1
Barium	0.021		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:14	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:14	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:14	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:14	1
Calcium	18		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:14	1
Chromium	0.036		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:14	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:14	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:14	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:14	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:14	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:14	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:14	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:14	1
Vanadium	0.011		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:14	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:14	1
Sodium	7.7		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:14	1
Potassium	1.4		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:14	1
Magnesium	9.8		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:14	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	150		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	44		5.0	5.0	mg/L			02/22/22 18:16	1
Bicarbonate Alkalinity as CaCO3	44		5.0	5.0	mg/L			02/22/22 18:16	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.79				SU			02/14/22 14:05	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-53

Lab Sample ID: 180-133780-10

Date Collected: 02/14/22 12:30

Matrix: Water

Date Received: 02/16/22 16:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		1.0	0.71	mg/L			02/18/22 21:52	1
Fluoride	0.041	J	0.10	0.026	mg/L			02/18/22 21:52	1
Sulfate	150		1.0	0.76	mg/L			02/18/22 21:52	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:16	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:16	1
Barium	0.042		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:16	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:16	1
Boron	1.0		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:16	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:16	1
Calcium	16		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:16	1
Chromium	0.0018	J	0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:16	1
Cobalt	0.011		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:16	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:16	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:16	1
Nickel	0.0071		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:16	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:16	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:16	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:16	1
Vanadium	0.0014		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:16	1
Zinc	0.014		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:16	1
Sodium	47		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:16	1
Potassium	1.6		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:16	1
Magnesium	9.8		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:16	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	280		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	7.8		5.0	5.0	mg/L			02/22/22 18:23	1
Bicarbonate Alkalinity as CaCO3	7.8		5.0	5.0	mg/L			02/22/22 18:23	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:23	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.65				SU			02/14/22 12:30	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: FB-4

Lab Sample ID: 180-133780-11

Date Collected: 02/14/22 15:15

Matrix: Water

Date Received: 02/16/22 16:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/18/22 22:06	1
Fluoride	0.035	J	0.10	0.026	mg/L			02/18/22 22:06	1
Sulfate	0.85	J	1.0	0.76	mg/L			02/18/22 22:06	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:19	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:19	1
Barium	<0.0031		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:19	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:19	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:19	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:19	1
Calcium	<0.13		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:19	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:19	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:19	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:19	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:19	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:19	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:19	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:19	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:19	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:19	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:19	1
Sodium	<0.18		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:19	1
Potassium	<0.16		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:19	1
Magnesium	<0.050		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:19	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 19:04	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:04	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:04	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: FB-5

Lab Sample ID: 180-133780-12

Date Collected: 02/14/22 16:25

Matrix: Water

Date Received: 02/16/22 16:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/18/22 22:47	1
Fluoride	0.037	J	0.10	0.026	mg/L			02/18/22 22:47	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 22:47	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:21	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:21	1
Barium	<0.0031		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:21	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:21	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:21	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:21	1
Calcium	<0.13		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:21	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:21	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:21	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:21	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:21	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:21	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:21	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:21	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:21	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:21	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:21	1
Sodium	<0.18		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:21	1
Potassium	<0.16		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:21	1
Magnesium	<0.050		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:21	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 19:15	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:15	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:15	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: EB-5

Lab Sample ID: 180-133780-13

Date Collected: 02/14/22 15:40

Matrix: Water

Date Received: 02/16/22 16:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.71	mg/L			02/18/22 23:00	1
Fluoride	<0.026		0.10	0.026	mg/L			02/18/22 23:00	1
Sulfate	2.2		1.0	0.76	mg/L			02/18/22 23:00	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:24	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:24	1
Barium	<0.0031		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:24	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:24	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:24	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:24	1
Calcium	<0.13		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:24	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:24	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:24	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:24	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:24	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:24	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:24	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:24	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:24	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:24	1
Sodium	<0.18		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:24	1
Potassium	<0.16		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:24	1
Magnesium	<0.050		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:24	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 19:20	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:20	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:20	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: EB-4

Lab Sample ID: 180-133780-14

Date Collected: 02/14/22 10:45

Matrix: Water

Date Received: 02/16/22 16:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/18/22 23:14	1
Fluoride	0.059	J	0.10	0.026	mg/L			02/18/22 23:14	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 23:14	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:27	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:27	1
Barium	<0.0031		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:27	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:27	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:27	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:27	1
Calcium	<0.13		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:27	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:27	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:27	1
Copper	0.0018	J	0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:27	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:27	1
Nickel	0.0011		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:27	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:27	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:27	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:27	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:27	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:27	1
Sodium	<0.18		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:27	1
Potassium	<0.16		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:27	1
Magnesium	<0.050		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:27	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 19:25	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:25	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:25	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: DUP-4

Lab Sample ID: 180-133780-15

Date Collected: 02/14/22 00:01

Matrix: Water

Date Received: 02/16/22 16:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.71	mg/L			02/19/22 00:49	1
Fluoride	0.059	J	0.10	0.026	mg/L			02/19/22 00:49	1
Sulfate	<0.76		1.0	0.76	mg/L			02/19/22 00:49	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:40	02/22/22 13:47	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:40	02/22/22 13:47	1
Barium	0.017		0.010	0.0031	mg/L		02/18/22 10:40	02/22/22 13:47	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:40	02/22/22 13:47	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:40	02/22/22 13:47	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:40	02/22/22 13:47	1
Calcium	7.5		0.50	0.13	mg/L		02/18/22 10:40	02/22/22 13:47	1
Chromium	0.0041		0.0020	0.0015	mg/L		02/18/22 10:40	02/22/22 13:47	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:40	02/22/22 13:47	1
Copper	0.0013	J	0.0020	0.0011	mg/L		02/18/22 10:40	02/22/22 13:47	1
Lead	0.00017	J	0.0010	0.00017	mg/L		02/18/22 10:40	02/22/22 13:47	1
Nickel	0.0029	B	0.0010	0.00052	mg/L		02/18/22 10:40	02/22/22 13:47	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:40	02/22/22 13:47	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:40	02/22/22 13:47	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:40	02/22/22 13:47	1
Vanadium	0.0039		0.0010	0.00078	mg/L		02/18/22 10:40	02/22/22 13:47	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:40	02/22/22 13:47	1
Sodium	5.0		0.50	0.18	mg/L		02/18/22 10:40	02/22/22 13:47	1
Potassium	0.63		0.50	0.16	mg/L		02/18/22 10:40	02/22/22 13:47	1
Magnesium	3.6		0.50	0.050	mg/L		02/18/22 10:40	02/22/22 13:47	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 13:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	62		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	42		5.0	5.0	mg/L			02/22/22 19:31	1
Bicarbonate Alkalinity as CaCO3	42		5.0	5.0	mg/L			02/22/22 19:31	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:31	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: DUP-5

Lab Sample ID: 180-133780-16

Date Collected: 02/14/22 00:01

Matrix: Water

Date Received: 02/16/22 16:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.71	mg/L			02/19/22 01:30	1
Fluoride	0.048	J	0.10	0.026	mg/L			02/19/22 01:30	1
Sulfate	170		1.0	0.76	mg/L			02/19/22 01:30	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:40	02/22/22 13:51	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:40	02/22/22 13:51	1
Barium	0.040		0.010	0.0031	mg/L		02/18/22 10:40	02/22/22 13:51	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:40	02/22/22 13:51	1
Boron	0.93		0.080	0.060	mg/L		02/18/22 10:40	02/22/22 13:51	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:40	02/22/22 13:51	1
Calcium	18		0.50	0.13	mg/L		02/18/22 10:40	02/22/22 13:51	1
Chromium	0.0027		0.0020	0.0015	mg/L		02/18/22 10:40	02/22/22 13:51	1
Cobalt	0.011		0.0025	0.00026	mg/L		02/18/22 10:40	02/22/22 13:51	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:40	02/22/22 13:51	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:40	02/22/22 13:51	1
Nickel	0.0074	B	0.0010	0.00052	mg/L		02/18/22 10:40	02/22/22 13:51	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:40	02/22/22 13:51	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:40	02/22/22 13:51	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:40	02/22/22 13:51	1
Vanadium	0.0016		0.0010	0.00078	mg/L		02/18/22 10:40	02/22/22 13:51	1
Zinc	0.014		0.0050	0.0029	mg/L		02/18/22 10:40	02/22/22 13:51	1
Sodium	51		0.50	0.18	mg/L		02/18/22 10:40	02/22/22 13:51	1
Potassium	1.5		0.50	0.16	mg/L		02/18/22 10:40	02/22/22 13:51	1
Magnesium	11		0.50	0.050	mg/L		02/18/22 10:40	02/22/22 13:51	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 13:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	270		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	8.1		5.0	5.0	mg/L			02/22/22 19:38	1
Bicarbonate Alkalinity as CaCO3	8.1		5.0	5.0	mg/L			02/22/22 19:38	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:38	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-22

Lab Sample ID: 180-133870-1

Date Collected: 02/15/22 10:30

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.71	mg/L			02/20/22 18:52	1
Fluoride	0.088	J	0.10	0.026	mg/L			02/20/22 18:52	1
Sulfate	0.87	J	1.0	0.76	mg/L			02/20/22 18:52	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:46	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:46	1
Barium	0.032		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:46	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:46	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:46	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:46	1
Calcium	9.6		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:46	1
Chromium	0.013		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:46	1
Cobalt	0.00054	J	0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:46	1
Copper	0.0015	J	0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:46	1
Lead	0.00025	J	0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:46	1
Nickel	0.0014		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:46	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:46	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:46	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:46	1
Vanadium	0.0083		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:46	1
Zinc	0.0030	J	0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:46	1
Sodium	4.6		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:46	1
Potassium	1.0		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:46	1
Magnesium	4.7		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:46	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:26	03/01/22 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	85		10	10	mg/L			02/21/22 13:57	1
Total Alkalinity as CaCO3 to pH 4.5	59		5.0	5.0	mg/L			02/23/22 02:05	1
Bicarbonate Alkalinity as CaCO3	59		5.0	5.0	mg/L			02/23/22 02:05	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 02:05	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.40				SU			02/15/22 10:30	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-51

Lab Sample ID: 180-133870-2

Date Collected: 02/15/22 11:59

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.6		1.0	0.71	mg/L			02/20/22 19:05	1
Fluoride	0.060	J	0.10	0.026	mg/L			02/20/22 19:05	1
Sulfate	1.8		1.0	0.76	mg/L			02/20/22 19:05	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:48	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:48	1
Barium	0.011		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:48	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:48	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:48	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:48	1
Calcium	6.4		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:48	1
Chromium	0.0054		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:48	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:48	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:48	1
Nickel	0.0024		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:48	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:48	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:48	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:48	1
Vanadium	0.0049		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:48	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:48	1
Sodium	3.9		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:48	1
Potassium	0.44	J	0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:48	1
Magnesium	4.5		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:48	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:26	03/01/22 17:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	67		10	10	mg/L			02/21/22 13:57	1
Total Alkalinity as CaCO3 to pH 4.5	36		5.0	5.0	mg/L			02/23/22 03:10	1
Bicarbonate Alkalinity as CaCO3	36		5.0	5.0	mg/L			02/23/22 03:10	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 03:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.02				SU			02/15/22 11:59	1

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 180-388730/46
Matrix: Water
Analysis Batch: 388730

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.71		1.0	0.71	mg/L			02/18/22 23:41	1
Fluoride	<0.026		0.10	0.026	mg/L			02/18/22 23:41	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 23:41	1

Lab Sample ID: MB 180-388730/7
Matrix: Water
Analysis Batch: 388730

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.71		1.0	0.71	mg/L			02/18/22 10:38	1
Fluoride	<0.026		0.10	0.026	mg/L			02/18/22 10:38	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 10:38	1

Lab Sample ID: LCS 180-388730/45
Matrix: Water
Analysis Batch: 388730

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	2.50	2.58		mg/L		103	90 - 110
Sulfate	50.0	48.9		mg/L		98	90 - 110

Lab Sample ID: LCS 180-388730/6
Matrix: Water
Analysis Batch: 388730

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	2.50	2.59		mg/L		104	90 - 110
Sulfate	50.0	49.1		mg/L		98	90 - 110

Lab Sample ID: 180-133780-1 MS
Matrix: Water
Analysis Batch: 388730

Client Sample ID: GWA-21
Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier							
Chloride	4.0		50.0	56.0		mg/L		104	90 - 110
Fluoride	0.058	J	2.50	2.74		mg/L		107	90 - 110
Sulfate	1.0		50.0	53.3		mg/L		105	90 - 110

Lab Sample ID: 180-133780-1 MSD
Matrix: Water
Analysis Batch: 388730

Client Sample ID: GWA-21
Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier									
Chloride	4.0		50.0	56.3		mg/L		105	90 - 110	0	20
Fluoride	0.058	J	2.50	2.77		mg/L		108	90 - 110	1	20
Sulfate	1.0		50.0	53.3		mg/L		105	90 - 110	0	20

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 180-388878/41
Matrix: Water
Analysis Batch: 388878

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 17:16	1
Fluoride	<0.026		0.10	0.026	mg/L			02/20/22 17:16	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 17:16	1

Lab Sample ID: LCS 180-388878/40
Matrix: Water
Analysis Batch: 388878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	51.2		mg/L		102	90 - 110
Fluoride	2.50	2.69		mg/L		108	90 - 110
Sulfate	50.0	51.1		mg/L		102	90 - 110

Lab Sample ID: 180-133869-A-15 MS
Matrix: Water
Analysis Batch: 388878

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<0.71		50.0	48.2		mg/L		96	90 - 110
Fluoride	<0.026		2.50	2.52		mg/L		101	90 - 110
Sulfate	<0.76		50.0	48.5		mg/L		97	90 - 110

Lab Sample ID: 180-133869-A-15 MSD
Matrix: Water
Analysis Batch: 388878

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<0.71		50.0	48.9		mg/L		98	90 - 110	1	20
Fluoride	<0.026		2.50	2.56		mg/L		103	90 - 110	2	20
Sulfate	<0.76		50.0	51.6		mg/L		103	90 - 110	6	20

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-388752/1-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 13:02	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 13:02	1
Barium	<0.0031		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 13:02	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 13:02	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 13:02	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 13:02	1
Calcium	<0.13		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 13:02	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 13:02	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 13:02	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 13:02	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 13:02	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 13:02	1

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 180-388752/1-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388752

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 13:02	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 13:02	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 13:02	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 13:02	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 13:02	1
Sodium	<0.18		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 13:02	1
Potassium	<0.16		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 13:02	1
Magnesium	<0.050		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 13:02	1

Lab Sample ID: LCS 180-388752/2-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 388752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Antimony	0.250	0.256		mg/L		102	80 - 120
Arsenic	1.00	1.01		mg/L		101	80 - 120
Barium	1.00	1.07		mg/L		107	80 - 120
Beryllium	0.500	0.517		mg/L		103	80 - 120
Boron	1.25	1.28		mg/L		102	80 - 120
Cadmium	0.500	0.544		mg/L		109	80 - 120
Calcium	25.0	26.0		mg/L		104	80 - 120
Chromium	0.500	0.531		mg/L		106	80 - 120
Cobalt	0.500	0.500		mg/L		100	80 - 120
Copper	0.500	0.495		mg/L		99	80 - 120
Lead	0.500	0.531		mg/L		106	80 - 120
Nickel	0.500	0.513		mg/L		103	80 - 120
Selenium	1.00	1.04		mg/L		104	80 - 120
Silver	0.250	0.269		mg/L		107	80 - 120
Thallium	1.00	1.07		mg/L		107	80 - 120
Vanadium	0.500	0.537		mg/L		107	80 - 120
Zinc	0.250	0.249		mg/L		100	80 - 120
Sodium	25.0	24.4		mg/L		98	80 - 120
Potassium	25.0	26.6		mg/L		106	80 - 120
Magnesium	25.0	24.0		mg/L		96	80 - 120

Lab Sample ID: 180-133738-E-1-B MS
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 388752

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				Limits
Antimony	<0.00051		0.250	0.259		mg/L		104	75 - 125
Arsenic	0.0014		1.00	1.03		mg/L		103	75 - 125
Barium	0.041		1.00	1.12		mg/L		108	75 - 125
Beryllium	<0.00027		0.500	0.481		mg/L		96	75 - 125
Boron	0.16		1.25	1.38		mg/L		97	75 - 125
Cadmium	0.00041	J	0.500	0.534		mg/L		107	75 - 125
Calcium	83		25.0	111		mg/L		112	75 - 125
Chromium	<0.0015		0.500	0.513		mg/L		103	75 - 125
Cobalt	0.029		0.500	0.536		mg/L		101	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-133738-E-1-B MS
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 388752

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Copper	0.0046		0.500	0.495		mg/L		98	75 - 125	
Lead	0.00038	J	0.500	0.543		mg/L		108	75 - 125	
Nickel	0.016		0.500	0.526		mg/L		102	75 - 125	
Selenium	<0.00074		1.00	1.03		mg/L		103	75 - 125	
Silver	<0.00022		0.250	0.266		mg/L		106	75 - 125	
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125	
Vanadium	<0.00078		0.500	0.536		mg/L		107	75 - 125	
Zinc	0.087		0.250	0.330		mg/L		97	75 - 125	
Sodium	160		25.0	183	4	mg/L		104	75 - 125	
Potassium	11		25.0	36.7		mg/L		104	75 - 125	
Magnesium	17		25.0	41.3		mg/L		97	75 - 125	

Lab Sample ID: 180-133738-E-1-C MSD
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 388752

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	<0.00051		0.250	0.248		mg/L		99	75 - 125	4	20	
Arsenic	0.0014		1.00	1.00		mg/L		100	75 - 125	3	20	
Barium	0.041		1.00	1.08		mg/L		104	75 - 125	3	20	
Beryllium	<0.00027		0.500	0.505		mg/L		101	75 - 125	5	20	
Boron	0.16		1.25	1.41		mg/L		100	75 - 125	2	20	
Cadmium	0.00041	J	0.500	0.519		mg/L		104	75 - 125	3	20	
Calcium	83		25.0	107		mg/L		96	75 - 125	4	20	
Chromium	<0.0015		0.500	0.504		mg/L		101	75 - 125	2	20	
Cobalt	0.029		0.500	0.529		mg/L		100	75 - 125	1	20	
Copper	0.0046		0.500	0.486		mg/L		96	75 - 125	2	20	
Lead	0.00038	J	0.500	0.528		mg/L		105	75 - 125	3	20	
Nickel	0.016		0.500	0.515		mg/L		100	75 - 125	2	20	
Selenium	<0.00074		1.00	0.991		mg/L		99	75 - 125	4	20	
Silver	<0.00022		0.250	0.252		mg/L		101	75 - 125	5	20	
Thallium	<0.00047		1.00	1.04		mg/L		104	75 - 125	3	20	
Vanadium	<0.00078		0.500	0.525		mg/L		105	75 - 125	2	20	
Zinc	0.087		0.250	0.319		mg/L		93	75 - 125	4	20	
Sodium	160		25.0	179	4	mg/L		88	75 - 125	2	20	
Potassium	11		25.0	35.0		mg/L		97	75 - 125	5	20	
Magnesium	17		25.0	40.4		mg/L		93	75 - 125	2	20	

Lab Sample ID: MB 180-388754/1-A
Matrix: Water
Analysis Batch: 389218

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388754

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:40	02/22/22 13:18		1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:40	02/22/22 13:18		1
Barium	<0.0031		0.010	0.0031	mg/L		02/18/22 10:40	02/22/22 13:18		1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:40	02/22/22 13:18		1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:40	02/22/22 13:18		1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:40	02/22/22 13:18		1

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 180-388754/1-A

Matrix: Water

Analysis Batch: 389218

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 388754

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.50	0.13	mg/L		02/18/22 10:40	02/22/22 13:18	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:40	02/22/22 13:18	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:40	02/22/22 13:18	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:40	02/22/22 13:18	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:40	02/22/22 13:18	1
Nickel	0.000675	J	0.0010	0.00052	mg/L		02/18/22 10:40	02/22/22 13:18	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:40	02/22/22 13:18	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:40	02/22/22 13:18	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:40	02/22/22 13:18	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/18/22 10:40	02/22/22 13:18	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:40	02/22/22 13:18	1
Sodium	<0.18		0.50	0.18	mg/L		02/18/22 10:40	02/22/22 13:18	1
Potassium	<0.16		0.50	0.16	mg/L		02/18/22 10:40	02/22/22 13:18	1
Magnesium	<0.050		0.50	0.050	mg/L		02/18/22 10:40	02/22/22 13:18	1

Lab Sample ID: LCS 180-388754/2-A

Matrix: Water

Analysis Batch: 389218

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 388754

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.250		mg/L		100	80 - 120
Arsenic	1.00	1.00		mg/L		100	80 - 120
Barium	1.00	1.02		mg/L		102	80 - 120
Beryllium	0.500	0.512		mg/L		102	80 - 120
Boron	1.25	1.20		mg/L		96	80 - 120
Cadmium	0.500	0.514		mg/L		103	80 - 120
Calcium	25.0	27.6		mg/L		110	80 - 120
Chromium	0.500	0.505		mg/L		101	80 - 120
Cobalt	0.500	0.508		mg/L		102	80 - 120
Copper	0.500	0.488		mg/L		98	80 - 120
Lead	0.500	0.509		mg/L		102	80 - 120
Nickel	0.500	0.510		mg/L		102	80 - 120
Selenium	1.00	1.00		mg/L		100	80 - 120
Silver	0.250	0.251		mg/L		100	80 - 120
Thallium	1.00	1.02		mg/L		102	80 - 120
Vanadium	0.500	0.501		mg/L		100	80 - 120
Zinc	0.250	0.247		mg/L		99	80 - 120
Sodium	25.0	26.0		mg/L		104	80 - 120
Potassium	25.0	26.2		mg/L		105	80 - 120
Magnesium	25.0	25.5		mg/L		102	80 - 120

Lab Sample ID: 180-133800-E-3-B MS

Matrix: Water

Analysis Batch: 389218

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 388754

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00051		0.250	0.253		mg/L		101	75 - 125
Arsenic	0.00042	J	1.00	1.05		mg/L		105	75 - 125
Barium	0.040		1.00	1.09		mg/L		105	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-133800-E-3-B MS

Matrix: Water

Analysis Batch: 389218

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 388754

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Beryllium	0.00066	J	0.500	0.521		mg/L		104	75 - 125
Boron	0.076	J	1.25	1.26		mg/L		95	75 - 125
Cadmium	0.00065	J	0.500	0.533		mg/L		106	75 - 125
Calcium	20		25.0	48.4		mg/L		115	75 - 125
Chromium	<0.0015		0.500	0.516		mg/L		103	75 - 125
Cobalt	0.0076		0.500	0.532		mg/L		105	75 - 125
Copper	0.058		0.500	0.565		mg/L		101	75 - 125
Lead	0.00049	J	0.500	0.523		mg/L		105	75 - 125
Nickel	0.011	B	0.500	0.536		mg/L		105	75 - 125
Selenium	0.0010	J	1.00	1.03		mg/L		102	75 - 125
Silver	<0.00022		0.250	0.254		mg/L		102	75 - 125
Thallium	<0.00047		1.00	1.05		mg/L		105	75 - 125
Vanadium	<0.00078		0.500	0.513		mg/L		103	75 - 125
Zinc	0.14		0.250	0.389		mg/L		101	75 - 125
Sodium	12		25.0	36.6		mg/L		99	75 - 125
Potassium	1.9		25.0	27.8		mg/L		103	75 - 125
Magnesium	4.1		25.0	29.6		mg/L		102	75 - 125

Lab Sample ID: 180-133800-E-3-C MSD

Matrix: Water

Analysis Batch: 389218

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 388754

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Antimony	<0.00051		0.250	0.244		mg/L		98	75 - 125	4	20
Arsenic	0.00042	J	1.00	1.01		mg/L		101	75 - 125	4	20
Barium	0.040		1.00	1.04		mg/L		100	75 - 125	4	20
Beryllium	0.00066	J	0.500	0.501		mg/L		100	75 - 125	4	20
Boron	0.076	J	1.25	1.29		mg/L		97	75 - 125	3	20
Cadmium	0.00065	J	0.500	0.509		mg/L		102	75 - 125	5	20
Calcium	20		25.0	46.7		mg/L		108	75 - 125	4	20
Chromium	<0.0015		0.500	0.499		mg/L		100	75 - 125	3	20
Cobalt	0.0076		0.500	0.514		mg/L		101	75 - 125	3	20
Copper	0.058		0.500	0.543		mg/L		97	75 - 125	4	20
Lead	0.00049	J	0.500	0.508		mg/L		101	75 - 125	3	20
Nickel	0.011	B	0.500	0.517		mg/L		101	75 - 125	4	20
Selenium	0.0010	J	1.00	0.983		mg/L		98	75 - 125	4	20
Silver	<0.00022		0.250	0.248		mg/L		99	75 - 125	2	20
Thallium	<0.00047		1.00	1.02		mg/L		102	75 - 125	3	20
Vanadium	<0.00078		0.500	0.500		mg/L		100	75 - 125	3	20
Zinc	0.14		0.250	0.379		mg/L		97	75 - 125	3	20
Sodium	12		25.0	36.3		mg/L		98	75 - 125	1	20
Potassium	1.9		25.0	27.4		mg/L		102	75 - 125	1	20
Magnesium	4.1		25.0	29.1		mg/L		100	75 - 125	2	20

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 180-388851/1-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388851

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 16:52	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 16:52	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 16:52	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 16:52	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 16:52	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 16:52	1
Calcium	<0.13		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 16:52	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 16:52	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 16:52	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 16:52	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 16:52	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 16:52	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 16:52	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 16:52	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 16:52	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 16:52	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 16:52	1
Sodium	<0.18		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 16:52	1
Potassium	<0.16		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 16:52	1
Magnesium	<0.050		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 16:52	1

Lab Sample ID: LCS 180-388851/2-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 388851

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Antimony	0.250	0.256		mg/L		102	80 - 120
Arsenic	1.00	1.00		mg/L		100	80 - 120
Barium	1.00	1.08		mg/L		108	80 - 120
Beryllium	0.500	0.522		mg/L		104	80 - 120
Boron	1.25	1.25		mg/L		100	80 - 120
Cadmium	0.500	0.551		mg/L		110	80 - 120
Calcium	25.0	24.9		mg/L		100	80 - 120
Chromium	0.500	0.537		mg/L		107	80 - 120
Cobalt	0.500	0.504		mg/L		101	80 - 120
Copper	0.500	0.486		mg/L		97	80 - 120
Lead	0.500	0.540		mg/L		108	80 - 120
Nickel	0.500	0.506		mg/L		101	80 - 120
Selenium	1.00	1.05		mg/L		105	80 - 120
Silver	0.250	0.264		mg/L		106	80 - 120
Thallium	1.00	1.09		mg/L		109	80 - 120
Vanadium	0.500	0.536		mg/L		107	80 - 120
Zinc	0.250	0.238		mg/L		95	80 - 120
Sodium	25.0	23.4		mg/L		94	80 - 120
Potassium	25.0	25.9		mg/L		104	80 - 120
Magnesium	25.0	22.8		mg/L		91	80 - 120

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-133869-B-5-B MS

Matrix: Water

Analysis Batch: 389213

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 388851

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Antimony	<0.00051		0.250	0.255		mg/L		102	75 - 125	
Arsenic	<0.00028		1.00	1.03		mg/L		103	75 - 125	
Barium	0.038		1.00	1.13		mg/L		110	75 - 125	
Beryllium	<0.00027		0.500	0.472		mg/L		94	75 - 125	
Boron	0.19		1.25	1.29		mg/L		89	75 - 125	
Cadmium	<0.00022		0.500	0.545		mg/L		109	75 - 125	
Calcium	36		25.0	62.2		mg/L		103	75 - 125	
Chromium	0.0061		0.500	0.551		mg/L		109	75 - 125	
Cobalt	<0.00026		0.500	0.512		mg/L		102	75 - 125	
Copper	<0.0011		0.500	0.501		mg/L		100	75 - 125	
Lead	<0.00017		0.500	0.551		mg/L		110	75 - 125	
Nickel	0.0010		0.500	0.513		mg/L		102	75 - 125	
Selenium	0.0058		1.00	1.08		mg/L		107	75 - 125	
Silver	<0.00022		0.250	0.267		mg/L		107	75 - 125	
Thallium	<0.00047		1.00	1.11		mg/L		111	75 - 125	
Vanadium	0.0026		0.500	0.550		mg/L		110	75 - 125	
Zinc	0.0034	J	0.250	0.242		mg/L		95	75 - 125	
Sodium	13		25.0	36.6		mg/L		95	75 - 125	
Potassium	1.2		25.0	26.9		mg/L		103	75 - 125	
Magnesium	20		25.0	44.0		mg/L		95	75 - 125	

Lab Sample ID: 180-133869-B-5-C MSD

Matrix: Water

Analysis Batch: 389213

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 388851

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00051		0.250	0.260		mg/L		104	75 - 125	2	20
Arsenic	<0.00028		1.00	1.03		mg/L		103	75 - 125	0	20
Barium	0.038		1.00	1.15		mg/L		111	75 - 125	2	20
Beryllium	<0.00027		0.500	0.507		mg/L		101	75 - 125	7	20
Boron	0.19		1.25	1.43		mg/L		99	75 - 125	10	20
Cadmium	<0.00022		0.500	0.562		mg/L		112	75 - 125	3	20
Calcium	36		25.0	61.1		mg/L		99	75 - 125	2	20
Chromium	0.0061		0.500	0.543		mg/L		107	75 - 125	2	20
Cobalt	<0.00026		0.500	0.507		mg/L		101	75 - 125	1	20
Copper	<0.0011		0.500	0.495		mg/L		99	75 - 125	1	20
Lead	<0.00017		0.500	0.539		mg/L		108	75 - 125	2	20
Nickel	0.0010		0.500	0.511		mg/L		102	75 - 125	0	20
Selenium	0.0058		1.00	1.07		mg/L		107	75 - 125	1	20
Silver	<0.00022		0.250	0.265		mg/L		106	75 - 125	0	20
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125	3	20
Vanadium	0.0026		0.500	0.553		mg/L		110	75 - 125	0	20
Zinc	0.0034	J	0.250	0.242		mg/L		95	75 - 125	0	20
Sodium	13		25.0	36.8		mg/L		96	75 - 125	1	20
Potassium	1.2		25.0	27.0		mg/L		103	75 - 125	0	20
Magnesium	20		25.0	42.8		mg/L		90	75 - 125	3	20

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-389777/1-A
Matrix: Water
Analysis Batch: 389986

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389777

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:26	03/01/22 16:46	1

Lab Sample ID: LCS 180-389777/2-A
Matrix: Water
Analysis Batch: 389986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389777

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00259		mg/L		104	80 - 120

Lab Sample ID: 180-133800-E-3-E MS
Matrix: Water
Analysis Batch: 389986

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 389777

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.00013		0.00100	0.00103		mg/L		103	75 - 125

Lab Sample ID: 180-133800-E-3-F MSD
Matrix: Water
Analysis Batch: 389986

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 389777

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.00102		mg/L		102	75 - 125	0	20

Lab Sample ID: MB 180-389779/1-A
Matrix: Water
Analysis Batch: 389946

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:38	1

Lab Sample ID: LCS 180-389779/2-A
Matrix: Water
Analysis Batch: 389946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00242		mg/L		97	80 - 120

Lab Sample ID: 180-133780-1 MS
Matrix: Water
Analysis Batch: 389946

Client Sample ID: GWA-21
Prep Type: Total/NA
Prep Batch: 389779

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.00013		0.00100	0.000951		mg/L		95	75 - 125

Lab Sample ID: 180-133780-1 MSD
Matrix: Water
Analysis Batch: 389946

Client Sample ID: GWA-21
Prep Type: Total/NA
Prep Batch: 389779

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.000942		mg/L		94	75 - 125	1	20

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-388697/2
Matrix: Water
Analysis Batch: 388697

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/17/22 17:39	1

Lab Sample ID: LCS 180-388697/1
Matrix: Water
Analysis Batch: 388697

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	452		mg/L		96	85 - 115

Lab Sample ID: 180-133715-B-15 DU
Matrix: Water
Analysis Batch: 388697

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1900		1940		mg/L		0.3	10

Lab Sample ID: MB 180-388812/2
Matrix: Water
Analysis Batch: 388812

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 15:14	1

Lab Sample ID: LCS 180-388812/1
Matrix: Water
Analysis Batch: 388812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	434		mg/L		93	85 - 115

Lab Sample ID: 180-133780-10 DU
Matrix: Water
Analysis Batch: 388812

Client Sample ID: GWC-53
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	280		283		mg/L		2	10

Lab Sample ID: MB 180-389014/2
Matrix: Water
Analysis Batch: 389014

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/21/22 13:57	1

Lab Sample ID: LCS 180-389014/1
Matrix: Water
Analysis Batch: 389014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	450		mg/L		96	85 - 115

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: 180-133825-B-1 DU
Matrix: Water
Analysis Batch: 389014

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	370		369		mg/L		0.3	10

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-389234/102
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 03:02	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 03:02	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 03:02	1

Lab Sample ID: MB 180-389234/30
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1

Lab Sample ID: MB 180-389234/54
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1

Lab Sample ID: MB 180-389234/6
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 16:08	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 16:08	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 16:08	1

Lab Sample ID: MB 180-389234/78
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 00:23	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:23	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:23	1

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-389234/101
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	248		mg/L		94	90 - 110

Lab Sample ID: LCS 180-389234/29
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	260		mg/L		98	90 - 110

Lab Sample ID: LCS 180-389234/5
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	238		mg/L		90	90 - 110

Lab Sample ID: LCS 180-389234/77
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	240		mg/L		91	90 - 110

Lab Sample ID: LLCS 180-389234/100
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.5		mg/L		92	75 - 125

Lab Sample ID: LLCS 180-389234/28
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.9		mg/L		94	75 - 125

Lab Sample ID: LLCS 180-389234/4
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	15.8		mg/L		99	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LLCS 180-389234/76
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	13.9		mg/L		87	75 - 125

Lab Sample ID: 180-133780-2 DU
Matrix: Water
Analysis Batch: 389234

Client Sample ID: GWC-29
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	89		88.2		mg/L		0.9	20
Bicarbonate Alkalinity as CaCO3	89		88.2		mg/L		0.9	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-133780-11 DU
Matrix: Water
Analysis Batch: 389234

Client Sample ID: FB-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	<5.0		<5.0		mg/L		NC	20
Bicarbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-133870-2 DU
Matrix: Water
Analysis Batch: 389234

Client Sample ID: GWC-51
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	36		36.8		mg/L		3	20
Bicarbonate Alkalinity as CaCO3	36		36.8		mg/L		3	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Association Summary

Client: Southern Company
 Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

HPLC/IC

Analysis Batch: 388730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total/NA	Water	EPA 300.0 R2.1	
180-133780-2	GWC-29	Total/NA	Water	EPA 300.0 R2.1	
180-133780-3	GWA-45	Total/NA	Water	EPA 300.0 R2.1	
180-133780-4	GWA-46	Total/NA	Water	EPA 300.0 R2.1	
180-133780-5	GWA-47	Total/NA	Water	EPA 300.0 R2.1	
180-133780-6	GWA-48	Total/NA	Water	EPA 300.0 R2.1	
180-133780-7	GWA-49	Total/NA	Water	EPA 300.0 R2.1	
180-133780-8	GWC-50	Total/NA	Water	EPA 300.0 R2.1	
180-133780-9	GWC-52	Total/NA	Water	EPA 300.0 R2.1	
180-133780-10	GWC-53	Total/NA	Water	EPA 300.0 R2.1	
180-133780-11	FB-4	Total/NA	Water	EPA 300.0 R2.1	
180-133780-12	FB-5	Total/NA	Water	EPA 300.0 R2.1	
180-133780-13	EB-5	Total/NA	Water	EPA 300.0 R2.1	
180-133780-14	EB-4	Total/NA	Water	EPA 300.0 R2.1	
180-133780-15	DUP-4	Total/NA	Water	EPA 300.0 R2.1	
180-133780-16	DUP-5	Total/NA	Water	EPA 300.0 R2.1	
MB 180-388730/46	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-388730/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-388730/45	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-388730/6	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-133780-1 MS	GWA-21	Total/NA	Water	EPA 300.0 R2.1	
180-133780-1 MSD	GWA-21	Total/NA	Water	EPA 300.0 R2.1	
180-133780-2 MS	GWC-29	Total/NA	Water	EPA 300.0 R2.1	
180-133780-2 MSD	GWC-29	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 388878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133870-1	GWA-22	Total/NA	Water	EPA 300.0 R2.1	
180-133870-2	GWC-51	Total/NA	Water	EPA 300.0 R2.1	
MB 180-388878/41	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-388878/40	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-133869-A-15 MS	Matrix Spike	Total/NA	Water	EPA 300.0 R2.1	
180-133869-A-15 MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 388752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total Recoverable	Water	3005A	
180-133780-2	GWC-29	Total Recoverable	Water	3005A	
180-133780-3	GWA-45	Total Recoverable	Water	3005A	
180-133780-4	GWA-46	Total Recoverable	Water	3005A	
180-133780-5	GWA-47	Total Recoverable	Water	3005A	
180-133780-6	GWA-48	Total Recoverable	Water	3005A	
180-133780-7	GWA-49	Total Recoverable	Water	3005A	
180-133780-8	GWC-50	Total Recoverable	Water	3005A	
180-133780-9	GWC-52	Total Recoverable	Water	3005A	
180-133780-10	GWC-53	Total Recoverable	Water	3005A	
180-133780-11	FB-4	Total Recoverable	Water	3005A	
180-133780-12	FB-5	Total Recoverable	Water	3005A	
180-133780-13	EB-5	Total Recoverable	Water	3005A	

QC Association Summary

Client: Southern Company
 Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Metals (Continued)

Prep Batch: 388752 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-14	EB-4	Total Recoverable	Water	3005A	
MB 180-388752/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-388752/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-133738-E-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-133738-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 388754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-15	DUP-4	Total Recoverable	Water	3005A	
180-133780-16	DUP-5	Total Recoverable	Water	3005A	
MB 180-388754/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-388754/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-133800-E-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-133800-E-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 388851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133870-1	GWA-22	Total Recoverable	Water	3005A	
180-133870-2	GWC-51	Total Recoverable	Water	3005A	
MB 180-388851/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-388851/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-133869-B-5-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-133869-B-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 389213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total Recoverable	Water	EPA 6020B	388752
180-133780-2	GWC-29	Total Recoverable	Water	EPA 6020B	388752
180-133780-3	GWA-45	Total Recoverable	Water	EPA 6020B	388752
180-133780-4	GWA-46	Total Recoverable	Water	EPA 6020B	388752
180-133780-5	GWA-47	Total Recoverable	Water	EPA 6020B	388752
180-133780-6	GWA-48	Total Recoverable	Water	EPA 6020B	388752
180-133780-7	GWA-49	Total Recoverable	Water	EPA 6020B	388752
180-133780-8	GWC-50	Total Recoverable	Water	EPA 6020B	388752
180-133780-9	GWC-52	Total Recoverable	Water	EPA 6020B	388752
180-133780-10	GWC-53	Total Recoverable	Water	EPA 6020B	388752
180-133780-11	FB-4	Total Recoverable	Water	EPA 6020B	388752
180-133780-12	FB-5	Total Recoverable	Water	EPA 6020B	388752
180-133780-13	EB-5	Total Recoverable	Water	EPA 6020B	388752
180-133780-14	EB-4	Total Recoverable	Water	EPA 6020B	388752
180-133870-1	GWA-22	Total Recoverable	Water	EPA 6020B	388851
180-133870-2	GWC-51	Total Recoverable	Water	EPA 6020B	388851
MB 180-388752/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	388752
MB 180-388851/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	388851
LCS 180-388752/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	388752
LCS 180-388851/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	388851
180-133738-E-1-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	388752
180-133738-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	388752
180-133869-B-5-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	388851
180-133869-B-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	388851

QC Association Summary

Client: Southern Company
 Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Metals

Analysis Batch: 389218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-15	DUP-4	Total Recoverable	Water	EPA 6020B	388754
180-133780-16	DUP-5	Total Recoverable	Water	EPA 6020B	388754
MB 180-388754/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	388754
LCS 180-388754/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	388754
180-133800-E-3-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	388754
180-133800-E-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	388754

Prep Batch: 389777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133870-1	GWA-22	Total/NA	Water	7470A	
180-133870-2	GWC-51	Total/NA	Water	7470A	
MB 180-389777/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389777/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-133800-E-3-E MS	Matrix Spike	Total/NA	Water	7470A	
180-133800-E-3-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 389779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total/NA	Water	7470A	
180-133780-2	GWC-29	Total/NA	Water	7470A	
180-133780-3	GWA-45	Total/NA	Water	7470A	
180-133780-4	GWA-46	Total/NA	Water	7470A	
180-133780-5	GWA-47	Total/NA	Water	7470A	
180-133780-6	GWA-48	Total/NA	Water	7470A	
180-133780-7	GWA-49	Total/NA	Water	7470A	
180-133780-8	GWC-50	Total/NA	Water	7470A	
180-133780-9	GWC-52	Total/NA	Water	7470A	
180-133780-10	GWC-53	Total/NA	Water	7470A	
180-133780-11	FB-4	Total/NA	Water	7470A	
180-133780-12	FB-5	Total/NA	Water	7470A	
180-133780-13	EB-5	Total/NA	Water	7470A	
180-133780-14	EB-4	Total/NA	Water	7470A	
180-133780-15	DUP-4	Total/NA	Water	7470A	
180-133780-16	DUP-5	Total/NA	Water	7470A	
MB 180-389779/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389779/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-133780-1 MS	GWA-21	Total/NA	Water	7470A	
180-133780-1 MSD	GWA-21	Total/NA	Water	7470A	

Analysis Batch: 389946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total/NA	Water	EPA 7470A	389779
180-133780-2	GWC-29	Total/NA	Water	EPA 7470A	389779
180-133780-3	GWA-45	Total/NA	Water	EPA 7470A	389779
180-133780-4	GWA-46	Total/NA	Water	EPA 7470A	389779
180-133780-5	GWA-47	Total/NA	Water	EPA 7470A	389779
180-133780-6	GWA-48	Total/NA	Water	EPA 7470A	389779
180-133780-7	GWA-49	Total/NA	Water	EPA 7470A	389779
180-133780-8	GWC-50	Total/NA	Water	EPA 7470A	389779
180-133780-9	GWC-52	Total/NA	Water	EPA 7470A	389779
180-133780-10	GWC-53	Total/NA	Water	EPA 7470A	389779

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QC Association Summary

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Metals (Continued)

Analysis Batch: 389946 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-11	FB-4	Total/NA	Water	EPA 7470A	389779
180-133780-12	FB-5	Total/NA	Water	EPA 7470A	389779
180-133780-13	EB-5	Total/NA	Water	EPA 7470A	389779
180-133780-14	EB-4	Total/NA	Water	EPA 7470A	389779
180-133780-15	DUP-4	Total/NA	Water	EPA 7470A	389779
180-133780-16	DUP-5	Total/NA	Water	EPA 7470A	389779
MB 180-389779/1-A	Method Blank	Total/NA	Water	EPA 7470A	389779
LCS 180-389779/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389779
180-133780-1 MS	GWA-21	Total/NA	Water	EPA 7470A	389779
180-133780-1 MSD	GWA-21	Total/NA	Water	EPA 7470A	389779

Analysis Batch: 389986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133870-1	GWA-22	Total/NA	Water	EPA 7470A	389777
180-133870-2	GWC-51	Total/NA	Water	EPA 7470A	389777
MB 180-389777/1-A	Method Blank	Total/NA	Water	EPA 7470A	389777
LCS 180-389777/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389777
180-133800-E-3-E MS	Matrix Spike	Total/NA	Water	EPA 7470A	389777
180-133800-E-3-F MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	389777

General Chemistry

Analysis Batch: 388697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total/NA	Water	SM 2540C	
180-133780-2	GWC-29	Total/NA	Water	SM 2540C	
180-133780-3	GWA-45	Total/NA	Water	SM 2540C	
180-133780-4	GWA-46	Total/NA	Water	SM 2540C	
180-133780-5	GWA-47	Total/NA	Water	SM 2540C	
180-133780-6	GWA-48	Total/NA	Water	SM 2540C	
180-133780-7	GWA-49	Total/NA	Water	SM 2540C	
180-133780-8	GWC-50	Total/NA	Water	SM 2540C	
180-133780-9	GWC-52	Total/NA	Water	SM 2540C	
MB 180-388697/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-388697/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133715-B-15 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 388812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-10	GWC-53	Total/NA	Water	SM 2540C	
180-133780-11	FB-4	Total/NA	Water	SM 2540C	
180-133780-12	FB-5	Total/NA	Water	SM 2540C	
180-133780-13	EB-5	Total/NA	Water	SM 2540C	
180-133780-14	EB-4	Total/NA	Water	SM 2540C	
180-133780-15	DUP-4	Total/NA	Water	SM 2540C	
180-133780-16	DUP-5	Total/NA	Water	SM 2540C	
MB 180-388812/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-388812/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133780-10 DU	GWC-53	Total/NA	Water	SM 2540C	

QC Association Summary

Client: Southern Company
 Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

General Chemistry

Analysis Batch: 389014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133870-1	GWA-22	Total/NA	Water	SM 2540C	
180-133870-2	GWC-51	Total/NA	Water	SM 2540C	
MB 180-389014/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389014/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133825-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 389234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total/NA	Water	SM2320 B	
180-133780-2	GWC-29	Total/NA	Water	SM2320 B	
180-133780-3	GWA-45	Total/NA	Water	SM2320 B	
180-133780-4	GWA-46	Total/NA	Water	SM2320 B	
180-133780-5	GWA-47	Total/NA	Water	SM2320 B	
180-133780-6	GWA-48	Total/NA	Water	SM2320 B	
180-133780-7	GWA-49	Total/NA	Water	SM2320 B	
180-133780-8	GWC-50	Total/NA	Water	SM2320 B	
180-133780-9	GWC-52	Total/NA	Water	SM2320 B	
180-133780-10	GWC-53	Total/NA	Water	SM2320 B	
180-133780-11	FB-4	Total/NA	Water	SM2320 B	
180-133780-12	FB-5	Total/NA	Water	SM2320 B	
180-133780-13	EB-5	Total/NA	Water	SM2320 B	
180-133780-14	EB-4	Total/NA	Water	SM2320 B	
180-133780-15	DUP-4	Total/NA	Water	SM2320 B	
180-133780-16	DUP-5	Total/NA	Water	SM2320 B	
180-133870-1	GWA-22	Total/NA	Water	SM2320 B	
180-133870-2	GWC-51	Total/NA	Water	SM2320 B	
MB 180-389234/102	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/6	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389234/101	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389234/29	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389234/5	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389234/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/100	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/28	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/4	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-133780-2 DU	GWC-29	Total/NA	Water	SM2320 B	
180-133780-11 DU	FB-4	Total/NA	Water	SM2320 B	
180-133870-2 DU	GWC-51	Total/NA	Water	SM2320 B	

Field Service / Mobile Lab

Analysis Batch: 389463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total/NA	Water	Field Sampling	
180-133780-2	GWC-29	Total/NA	Water	Field Sampling	
180-133780-3	GWA-45	Total/NA	Water	Field Sampling	
180-133780-4	GWA-46	Total/NA	Water	Field Sampling	

Eurofins Pittsburgh



QC Association Summary

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Field Service / Mobile Lab (Continued)

Analysis Batch: 389463 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-5	GWA-47	Total/NA	Water	Field Sampling	
180-133780-6	GWA-48	Total/NA	Water	Field Sampling	
180-133780-7	GWA-49	Total/NA	Water	Field Sampling	
180-133780-8	GWC-50	Total/NA	Water	Field Sampling	
180-133780-9	GWC-52	Total/NA	Water	Field Sampling	
180-133780-10	GWC-53	Total/NA	Water	Field Sampling	

Analysis Batch: 389742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133870-1	GWA-22	Total/NA	Water	Field Sampling	
180-133870-2	GWC-51	Total/NA	Water	Field Sampling	



TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468


Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Dawn Prell		Site Contact: Dawn Prell		Date: 2/15/2022		COC No:				
Joju Abraham		Tel/Fax: 248-536-5445		Lab Contact: Shali Brown		Carrier:		1 of 2 COCs				
Southern Company		Analysis Turnaround Time		Filtered Sample (Y/N) <input type="checkbox"/> Perform MS / MSD (Y/N) <input type="checkbox"/> 8020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn Cations: Na, Mg, K Cl, F, So4, TDS Alkalinity (total, CO3, HCO3)		444-ATLANTA 180-133780 Chain of Custody 		Sampler:				
241 Ralph McGill Blvd SE B10185		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below 3-5 days						For Lab Use Only:				
Atlanta, GA 30308		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Walk-in Client:				
JAbraham@southernco.com								Lab Sampling:				
Project Name: CCR - Plant Scherer PAC Ash Cell								Job / SDG No.:				
Site: Georgia								Sample Specific Notes:				
P O #												
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn	Cations: Na, Mg, K	Cl, F, So4, TDS	Alkalinity (total, CO3, HCO3)	Sample Specific Notes
GWA-21	2/14/2022	10:58	G	GW	2			X	X	X	X	pH= 5.99
GWC-29	2/14/2022	15:14	G	GW	2			X	X	X	X	pH= 6.29
GWA-45	2/14/2022	15:05	G	GW	2			X	X	X	X	pH= 6.31
GWA-46	2/14/2022	16:10	G	GW	2			X	X	X	X	pH= 5.85
GWA-47	2/14/2022	16:00	G	GW	2			X	X	X	X	pH= 6.60
GWA-48	2/14/2022	11:00	G	GW	2			X	X	X	X	pH= 6.93
GWA-49	2/14/2022	13:38	G	GW	2			X	X	X	X	pH= 7.10
GWC-50	2/14/2022	14:26	G	GW	2			X	X	X	X	pH= 5.90
GWC-52	2/14/2022	14:05	G	GW	2			X	X	X	X	pH= 6.79
GWC-53	2/14/2022	12:30	G	GW	2			X	X	X	X	pH= 5.65
FB-4	2/14/2022	15:15	G	GW	2			X	X	X	X	
FB-5	2/14/2022	16:25	G	GW	2			X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: <i>[Signature]</i>	Company: <i>WSP-60201</i>	Date/Time: <i>2/15/22 7:55</i>	Received by: <i>Chaine CODIC</i>	Company: <i>CourierNow</i>	Date/Time: <i>2/15/22</i>
Relinquished by:	Company:	Date/Time:	Received by: <i>Michael Masked</i>	Company:	Date/Time: <i>2-15-22 9:50</i>
Relinquished by: <i>Michael Masked</i>	Company:	Date/Time: <i>2-15-22 9:50</i>	Received in Laboratory by: <i>[Signature]</i>	Company: <i>TESTA PITT</i>	Date/Time: <i>2/16/22 10:15</i>

TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody Record



TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact Joju Abraham Southern Company 241 Ralph McGill Blvd SE B10185 Atlanta, GA 30308 JAbraham@southernco.com Project Name: CCR - Plant Scherer PAC Ash Cell Site: Georgia P O #	Project Manager: Dawn Prell Tel/Fax: 248-536-5445	Site Contact: Dawn Prell Lab Contact: Shali Brown	Date: 2/15/2022 Carrier:	COC No: 2 of 2 COCs
Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below 3-5 days <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn	Cations: Na, Mg, K	Cl, F, So4, TDS	Alkalinity (total, CO3, HCO3)	Sample Specific Notes:
EB-5	2/14/2022	15:40	G	GW	2			X	X	X	X	
EB-4	2/14/2022	10:45	G	GW	2			X	X	X	X	
DUP-4	2/14/2022	-	G	GW	2			X	X	X	X	
DUP-5	2/14/2022	-	G	GW	2			X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____	Corr'd: _____	Therm ID No.:
Relinquished by: <i>[Signature]</i>	Company: <i>UXP-602047</i>	Date/Time: <i>2/11/22 7:55</i>	Received by: <i>[Signature]</i>	Company: _____
Relinquished by: <i>Michael Meskel</i>	Company: _____	Date/Time: <i>2-15-22 9:50</i>	Received by: <i>[Signature]</i>	Company: <i>FAIR P.I.T</i>
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: _____

TestAmerica Pittsburgh

301 Alpha Drive
R IDC Park
Pittsburgh, PA 15238-2907
phone 412.963.7058 fax 412.963.2468

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact Joju Abraham Southern Company 241 Ralph McGill Blvd SE B10185 Atlanta, GA 30308 JAbraham@southernco.com			Project Manager: Dawn Prell Tel/Fax: 248-536-5445 Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below ___3-5 days___ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day			Site Contact: Dawn Prell Lab Contact: Shali Brown				Date: 2/15/2022 Carrier: _____	COC No: __1__ of __1__ COCs					
Project Name: CCR - Plant Scherer PAC Ash Cell Site: Georgia P O #	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y / N)	6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn	Cations: Na, Mg, K	Cl, F, So4, TDS	Alkalinity (total, CO3, HCO3)	ATLANTA - 244				Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:
Sample Identification																Sample Specific Notes:

GWA-22	2/15/2022	10:30	G	GW	2			X	X	X	X						pH = 6.40
GWC-51	2/15/2022	11:59	G	GW	2			X	X	X	X						pH = 6.02



180-133870 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____ 4 4 1 1

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable S Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: Yes No
Custody Seal No.: _____ Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by: [Signature] Company: WSP-Badger Date/Time: 02/16/22	Received by: Elaine Cook Company: Courier Now Date/Time: 2/16/22 9:58	Relinquished by: Michael Mealy Company: _____ Date/Time: 2-16-22 9:58	Received in Laboratory by: [Signature] Company: VSA Date/Time: 2-17-22
----------------------------------------------------------------------------	-----------------------------------------------------------------------------	-----------------------------------------------------------------------------	------------------------------------------------------------------------------

Form No. CA-C-WI-002, Rev. 4.20, dated 2/28/2019

930

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133780-1

Login Number: 133780

List Number: 1

Creator: Abernathy, Eric L

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133780-1

Login Number: 133870

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-133982-1

Client Project/Site: Plant Scherer Surface Water

For:

Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
3/7/2022 7:05:38 PM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

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results through
Total Access

Have a Question?



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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416



Table of Contents

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Case Narrative

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Job ID: 180-133982-1

Laboratory: Eurofins Pittsburgh

Narrative

**Job Narrative
180-133982-1**

Comments

No additional comments.

Receipt

The samples were received on 2/21/2022 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.2° C and 8.7° C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria in cooler (airbill 3042) at 8.7°C. SWC-5 (180-133982-5), SWC-6 (180-133982-6), SWC-7 (180-133982-7), SWC-8 (180-133982-8) and SWC-9 (180-133982-9). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Field Service / Mobile Lab

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Definitions/Glossary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22
California	State	2891	04-30-22
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	06-30-22
Georgia	State	PA 02-00416	04-30-22
Illinois	NELAP	004375	06-30-22
Kansas	NELAP	E-10350	03-31-22
Kentucky (UST)	State	162013	04-30-22
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	12-31-22
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-05-22
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-02-22
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	04-30-22
Oregon	NELAP	PA-2151	02-06-22 *
Pennsylvania	NELAP	02-00416	04-30-22
Rhode Island	State	LAO00362	12-31-21 *
South Carolina	State	89014	06-30-22
Texas	NELAP	T104704528	03-31-22
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	05-31-22
Virginia	NELAP	10043	09-15-22
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-133982-1	SWA-1	Water	02/16/22 08:55	02/21/22 09:30
180-133982-2	SWA-2	Water	02/16/22 12:15	02/21/22 09:30
180-133982-3	SWA-3	Water	02/16/22 11:55	02/21/22 09:30
180-133982-4	SWC-4	Water	02/16/22 09:15	02/21/22 09:30
180-133982-5	SWC-5	Water	02/16/22 09:35	02/21/22 09:30
180-133982-6	SWC-6	Water	02/16/22 11:10	02/21/22 09:30
180-133982-7	SWC-7	Water	02/16/22 10:55	02/21/22 09:30
180-133982-8	SWC-8	Water	02/16/22 11:40	02/21/22 09:30
180-133982-9	SWC-9	Water	02/16/22 09:50	02/21/22 09:30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Method Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
EPA 410.4	COD	MCAWW	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PIT
SM 4500CN E	Total Cyanide	SM	TAL PIT
SM 5310C	Total Organic Carbon	SM	TAL PIT
SM2320 B	Alkalinity, Total	SM18	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT
410.4	COD	MCAWW	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT
SM 4500 CN C	Cyanide, Distillation	SM	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWA-1
Date Collected: 02/16/22 08:55
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			389510	02/25/22 21:22	JRB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			389655	02/25/22 10:50	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390272	03/03/22 11:16	RJR	TAL PIT
Total/NA	Prep	410.4			1 mL	1 mL	390469	03/04/22 13:38	ELS	TAL PIT
Total/NA	Analysis	EPA 410.4 Instrument ID: GENESYS10S		1	1 mL	1 mL	390476	03/04/22 18:50	ELS	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Total/NA	Prep	SM 4500 CN C			6 mL	6 mL	389595	02/25/22 13:30	CMR	TAL PIT
Total/NA	Analysis	SM 4500CN E Instrument ID: SEAL2		1			389846	02/28/22 16:15	CMR	TAL PIT
Total/NA	Analysis	SM 5310C Instrument ID: SAM		1			390119	03/02/22 02:35	CMT	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389428	02/23/22 22:11	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389804	02/16/22 08:55	FDS	TAL PIT

Client Sample ID: SWA-2
Date Collected: 02/16/22 12:15
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			389510	02/25/22 22:08	JRB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			389655	02/25/22 10:54	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390272	03/03/22 11:17	RJR	TAL PIT
Total/NA	Prep	410.4			1 mL	1 mL	390117	03/02/22 12:00	ELS	TAL PIT
Total/NA	Analysis	EPA 410.4 Instrument ID: GENESYS10S		1	1 mL	1 mL	390159	03/02/22 17:30	ELS	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Total/NA	Prep	SM 4500 CN C			6 mL	6 mL	389595	02/25/22 13:30	CMR	TAL PIT
Total/NA	Analysis	SM 4500CN E Instrument ID: SEAL2		1			389846	02/28/22 16:17	CMR	TAL PIT

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWA-2
Date Collected: 02/16/22 12:15
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 5310C		1			390119	03/02/22 02:47	CMT	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389428	02/23/22 22:19	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389804	02/16/22 12:15	FDS	TAL PIT

Client Sample ID: SWA-3
Date Collected: 02/16/22 11:55
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			389510	02/25/22 22:23	JRB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			389655	02/25/22 10:58	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390272	03/03/22 11:18	RJR	TAL PIT
Total/NA	Prep	410.4			1 mL	1 mL	390117	03/02/22 12:00	ELS	TAL PIT
Total/NA	Analysis	EPA 410.4 Instrument ID: GENESYS10S		1	1 mL	1 mL	390159	03/02/22 17:34	ELS	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Total/NA	Prep	SM 4500 CN C			6 mL	6 mL	389595	02/25/22 13:30	CMR	TAL PIT
Total/NA	Analysis	SM 4500CN E Instrument ID: SEAL2		1			389846	02/28/22 16:19	CMR	TAL PIT
Total/NA	Analysis	SM 5310C Instrument ID: SAM		1			390119	03/02/22 03:59	CMT	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389428	02/24/22 00:35	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389804	02/16/22 11:55	FDS	TAL PIT

Client Sample ID: SWC-4
Date Collected: 02/16/22 09:15
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			389510	02/25/22 22:38	JRB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			389655	02/25/22 11:01	RSK	TAL PIT

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWC-4
Date Collected: 02/16/22 09:15
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390272	03/03/22 11:19	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389428	02/24/22 00:42	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389804	02/16/22 09:15	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-5
Date Collected: 02/16/22 09:35
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389510	02/25/22 22:53	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389655	02/25/22 11:05	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390272	03/03/22 11:23	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389428	02/23/22 23:14	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389804	02/16/22 09:35	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-6
Date Collected: 02/16/22 11:10
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389510	02/25/22 23:08	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389655	02/25/22 11:16	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390272	03/03/22 11:24	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWC-6
Date Collected: 02/16/22 11:10
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM2320 B		1			389428	02/23/22 23:22	CMT	TAL PIT
Total/NA	Analysis	Field Sampling		1			389804	02/16/22 11:10	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-7
Date Collected: 02/16/22 10:55
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389510	02/25/22 23:54	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389655	02/25/22 11:20	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390272	03/03/22 11:25	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Prep	410.4			1 mL	1 mL	390117	03/02/22 12:00	ELS	TAL PIT
Total/NA	Analysis	EPA 410.4		1	1 mL	1 mL	390159	03/02/22 17:35	ELS	TAL PIT
Instrument ID: GENESYS10S										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Prep	SM 4500 CN C			6 mL	6 mL	389595	02/25/22 13:30	CMR	TAL PIT
Total/NA	Analysis	SM 4500CN E		1			389846	02/28/22 16:20	CMR	TAL PIT
Instrument ID: SEAL2										
Total/NA	Analysis	SM 5310C		1			390119	03/02/22 06:33	CMT	TAL PIT
Instrument ID: SAM										
Total/NA	Analysis	SM2320 B		1			389428	02/23/22 23:29	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389804	02/16/22 10:55	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-8
Date Collected: 02/16/22 11:40
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389510	02/26/22 00:07	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389655	02/25/22 11:23	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390272	03/03/22 11:27	RJR	TAL PIT
Instrument ID: HGY										

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWC-8
Date Collected: 02/16/22 11:40
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389428	02/23/22 23:37	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389804	02/16/22 11:40	FDS	TAL PIT

Client Sample ID: SWC-9
Date Collected: 02/16/22 09:50
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			389510	02/25/22 20:52	JRB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			389655	02/25/22 11:27	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390002	03/01/22 19:40	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389428	02/23/22 23:45	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389804	02/16/22 09:50	FDS	TAL PIT

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

- CMR = Carl Reagle
- ELS = Edwin Shireman
- KEM = Kimberly Mahoney
- RJR = Ron Rosenbaum

Batch Type: Analysis

- CMR = Carl Reagle
- CMT = Cassandra Tlumac
- ELS = Edwin Shireman
- FDS = Sampler Field
- JCR = Jessica Rodgers
- JRB = James Burzio
- RJR = Ron Rosenbaum
- RSK = Robert Kurtz

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWA-1

Lab Sample ID: 180-133982-1

Date Collected: 02/16/22 08:55

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.71	mg/L			02/25/22 21:22	1
Fluoride	0.33		0.10	0.026	mg/L			02/25/22 21:22	1
Sulfate	72		1.0	0.76	mg/L			02/25/22 21:22	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 10:50	1
Arsenic	0.00036	J	0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 10:50	1
Barium	0.060		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 10:50	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 10:50	1
Boron	0.29		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 10:50	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 10:50	1
Calcium	19		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 10:50	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 10:50	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 10:50	1
Copper	0.0033		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 10:50	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 10:50	1
Nickel	0.00095	J	0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 10:50	1
Selenium	0.00081	J	0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 10:50	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 10:50	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 10:50	1
Vanadium	0.0033		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 10:50	1
Zinc	0.0054		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 10:50	1
Sodium	23		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 10:50	1
Potassium	3.5		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 10:50	1
Magnesium	8.1		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 10:50	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	16		10	9.1	mg/L		03/04/22 13:38	03/04/22 18:50	1
Total Dissolved Solids	170		10	10	mg/L			02/22/22 17:41	1
Cyanide, Total	<0.0080		0.010	0.0080	mg/L		02/25/22 13:30	02/28/22 16:15	1
Total Organic Carbon - Duplicates	5.4		1.0	0.51	mg/L			03/02/22 02:35	1
Total Alkalinity as CaCO3 to pH 4.5	51		5.0	5.0	mg/L			02/23/22 22:11	1
Bicarbonate Alkalinity as CaCO3	51		5.0	5.0	mg/L			02/23/22 22:11	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 22:11	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.82				SU			02/16/22 08:55	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWA-2

Lab Sample ID: 180-133982-2

Date Collected: 02/16/22 12:15

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.71	mg/L			02/25/22 22:08	1
Fluoride	0.076	J	0.10	0.026	mg/L			02/25/22 22:08	1
Sulfate	170		1.0	0.76	mg/L			02/25/22 22:08	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 10:54	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 10:54	1
Barium	0.063		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 10:54	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 10:54	1
Boron	1.1		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 10:54	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 10:54	1
Calcium	33		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 10:54	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 10:54	1
Cobalt	0.0060		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 10:54	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 10:54	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 10:54	1
Nickel	0.00097	J	0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 10:54	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 10:54	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 10:54	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 10:54	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 10:54	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 10:54	1
Sodium	42		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 10:54	1
Potassium	1.1		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 10:54	1
Magnesium	20		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 10:54	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/02/22 12:00	03/02/22 17:30	1
Total Dissolved Solids	340		10	10	mg/L			02/22/22 17:41	1
Cyanide, Total	0.011		0.010	0.0080	mg/L		02/25/22 13:30	02/28/22 16:17	1
Total Organic Carbon - Duplicates	1.4		1.0	0.51	mg/L			03/02/22 02:47	1
Total Alkalinity as CaCO3 to pH 4.5	56		5.0	5.0	mg/L			02/23/22 22:19	1
Bicarbonate Alkalinity as CaCO3	56		5.0	5.0	mg/L			02/23/22 22:19	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 22:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.02				SU			02/16/22 12:15	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWA-3

Lab Sample ID: 180-133982-3

Date Collected: 02/16/22 11:55

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		1.0	0.71	mg/L			02/25/22 22:23	1
Fluoride	0.055	J	0.10	0.026	mg/L			02/25/22 22:23	1
Sulfate	110		1.0	0.76	mg/L			02/25/22 22:23	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 10:58	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 10:58	1
Barium	0.045		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 10:58	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 10:58	1
Boron	0.76		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 10:58	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 10:58	1
Calcium	14		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 10:58	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 10:58	1
Cobalt	0.014		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 10:58	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 10:58	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 10:58	1
Nickel	0.0026		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 10:58	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 10:58	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 10:58	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 10:58	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 10:58	1
Zinc	0.0062		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 10:58	1
Sodium	33		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 10:58	1
Potassium	1.7		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 10:58	1
Magnesium	11		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 10:58	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/02/22 12:00	03/02/22 17:34	1
Total Dissolved Solids	200		10	10	mg/L			02/22/22 17:41	1
Cyanide, Total	<0.0080		0.010	0.0080	mg/L		02/25/22 13:30	02/28/22 16:19	1
Total Organic Carbon - Duplicates	0.77	J	1.0	0.51	mg/L			03/02/22 03:59	1
Total Alkalinity as CaCO3 to pH 4.5	22		5.0	5.0	mg/L			02/24/22 00:35	1
Bicarbonate Alkalinity as CaCO3	22		5.0	5.0	mg/L			02/24/22 00:35	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 00:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.98				SU			02/16/22 11:55	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWC-4

Lab Sample ID: 180-133982-4

Date Collected: 02/16/22 09:15

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.0		1.0	0.71	mg/L			02/25/22 22:38	1
Fluoride	0.067	J	0.10	0.026	mg/L			02/25/22 22:38	1
Sulfate	98		1.0	0.76	mg/L			02/25/22 22:38	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 11:01	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 11:01	1
Barium	0.053		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 11:01	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 11:01	1
Boron	0.63		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 11:01	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 11:01	1
Calcium	20		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 11:01	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 11:01	1
Cobalt	0.0041		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 11:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 11:01	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 11:01	1
Nickel	0.00092	J	0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 11:01	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 11:01	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 11:01	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 11:01	1
Vanadium	0.0012		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 11:01	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 11:01	1
Sodium	27		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 11:01	1
Potassium	1.1		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 11:01	1
Magnesium	12		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 11:01	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	200		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	50		5.0	5.0	mg/L			02/24/22 00:42	1
Bicarbonate Alkalinity as CaCO3	50		5.0	5.0	mg/L			02/24/22 00:42	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 00:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.29				SU			02/16/22 09:15	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWC-5

Lab Sample ID: 180-133982-5

Date Collected: 02/16/22 09:35

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.71	mg/L			02/25/22 22:53	1
Fluoride	0.29		0.10	0.026	mg/L			02/25/22 22:53	1
Sulfate	55		1.0	0.76	mg/L			02/25/22 22:53	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 11:05	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 11:05	1
Barium	0.045		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 11:05	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 11:05	1
Boron	0.091		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 11:05	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 11:05	1
Calcium	38		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 11:05	1
Chromium	0.0015	J	0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 11:05	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 11:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 11:05	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 11:05	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 11:05	1
Selenium	0.0029	J	0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 11:05	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 11:05	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 11:05	1
Vanadium	0.0026		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 11:05	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 11:05	1
Sodium	9.9		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 11:05	1
Potassium	2.8		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 11:05	1
Magnesium	13		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 11:05	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	230		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	93		5.0	5.0	mg/L			02/23/22 23:14	1
Bicarbonate Alkalinity as CaCO3	93		5.0	5.0	mg/L			02/23/22 23:14	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 23:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.15				SU			02/16/22 09:35	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWC-6

Lab Sample ID: 180-133982-6

Date Collected: 02/16/22 11:10

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.0		1.0	0.71	mg/L			02/25/22 23:08	1
Fluoride	0.086	J	0.10	0.026	mg/L			02/25/22 23:08	1
Sulfate	1.4		1.0	0.76	mg/L			02/25/22 23:08	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 11:16	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 11:16	1
Barium	0.033		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 11:16	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 11:16	1
Boron	<0.060		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 11:16	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 11:16	1
Calcium	8.5		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 11:16	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 11:16	1
Cobalt	0.0037		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 11:16	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 11:16	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 11:16	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 11:16	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 11:16	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 11:16	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 11:16	1
Vanadium	0.0014		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 11:16	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 11:16	1
Sodium	5.9		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 11:16	1
Potassium	0.84		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 11:16	1
Magnesium	5.1		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 11:16	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	66		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	55		5.0	5.0	mg/L			02/23/22 23:22	1
Bicarbonate Alkalinity as CaCO3	55		5.0	5.0	mg/L			02/23/22 23:22	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 23:22	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.42				SU			02/16/22 11:10	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWC-7

Lab Sample ID: 180-133982-7

Date Collected: 02/16/22 10:55

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.8		1.0	0.71	mg/L			02/25/22 23:54	1
Fluoride	0.12		0.10	0.026	mg/L			02/25/22 23:54	1
Sulfate	69		1.0	0.76	mg/L			02/25/22 23:54	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 11:20	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 11:20	1
Barium	0.057		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 11:20	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 11:20	1
Boron	0.38		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 11:20	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 11:20	1
Calcium	19		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 11:20	1
Chromium	0.0020		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 11:20	1
Cobalt	0.0016	J	0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 11:20	1
Copper	0.0017	J	0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 11:20	1
Lead	0.00017	J	0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 11:20	1
Nickel	0.0010		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 11:20	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 11:20	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 11:20	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 11:20	1
Vanadium	0.0044		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 11:20	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 11:20	1
Sodium	21		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 11:20	1
Potassium	1.7		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 11:20	1
Magnesium	10		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 11:20	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/02/22 12:00	03/02/22 17:35	1
Total Dissolved Solids	190		10	10	mg/L			02/22/22 17:41	1
Cyanide, Total	<0.0080		0.010	0.0080	mg/L		02/25/22 13:30	02/28/22 16:20	1
Total Organic Carbon - Duplicates	2.4		1.0	0.51	mg/L			03/02/22 06:33	1
Total Alkalinity as CaCO3 to pH 4.5	61		5.0	5.0	mg/L			02/23/22 23:29	1
Bicarbonate Alkalinity as CaCO3	61		5.0	5.0	mg/L			02/23/22 23:29	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 23:29	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.39				SU			02/16/22 10:55	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWC-8

Lab Sample ID: 180-133982-8

Date Collected: 02/16/22 11:40

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.71	mg/L			02/26/22 00:07	1
Fluoride	0.059	J	0.10	0.026	mg/L			02/26/22 00:07	1
Sulfate	140		1.0	0.76	mg/L			02/26/22 00:07	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 11:23	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 11:23	1
Barium	0.058		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 11:23	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 11:23	1
Boron	0.82		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 11:23	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 11:23	1
Calcium	24		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 11:23	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 11:23	1
Cobalt	0.0076		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 11:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 11:23	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 11:23	1
Nickel	0.0013		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 11:23	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 11:23	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 11:23	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 11:23	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 11:23	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 11:23	1
Sodium	34		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 11:23	1
Potassium	1.2		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 11:23	1
Magnesium	14		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 11:23	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	250		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	43		5.0	5.0	mg/L			02/23/22 23:37	1
Bicarbonate Alkalinity as CaCO3	43		5.0	5.0	mg/L			02/23/22 23:37	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 23:37	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.05				SU			02/16/22 11:40	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Client Sample ID: SWC-9

Lab Sample ID: 180-133982-9

Date Collected: 02/16/22 09:50

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.3		1.0	0.71	mg/L			02/25/22 20:52	1
Fluoride	0.12		0.10	0.026	mg/L			02/25/22 20:52	1
Sulfate	2.7		1.0	0.76	mg/L			02/25/22 20:52	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 11:27	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 11:27	1
Barium	0.020		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 11:27	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 11:27	1
Boron	0.064	J	0.080	0.060	mg/L		02/24/22 11:53	02/25/22 11:27	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 11:27	1
Calcium	9.9		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 11:27	1
Chromium	0.0060		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 11:27	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 11:27	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 11:27	1
Lead	0.00025	J	0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 11:27	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 11:27	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 11:27	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 11:27	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 11:27	1
Vanadium	0.0072		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 11:27	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 11:27	1
Sodium	6.0		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 11:27	1
Potassium	1.4		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 11:27	1
Magnesium	4.8		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 11:27	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	80		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	55		5.0	5.0	mg/L			02/23/22 23:45	1
Bicarbonate Alkalinity as CaCO3	55		5.0	5.0	mg/L			02/23/22 23:45	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 23:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.15				SU			02/16/22 09:50	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 180-389510/22
Matrix: Water
Analysis Batch: 389510

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/25/22 12:54	1
Fluoride	<0.026		0.10	0.026	mg/L			02/25/22 12:54	1
Sulfate	<0.76		1.0	0.76	mg/L			02/25/22 12:54	1

Lab Sample ID: LCS 180-389510/21
Matrix: Water
Analysis Batch: 389510

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	46.2		mg/L		92	90 - 110
Fluoride	2.50	2.42		mg/L		97	90 - 110
Sulfate	50.0	46.9		mg/L		94	90 - 110

Lab Sample ID: 180-133982-1 MS
Matrix: Water
Analysis Batch: 389510

Client Sample ID: SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	11		50.0	61.5		mg/L		101	90 - 110
Fluoride	0.33		2.50	2.89		mg/L		102	90 - 110
Sulfate	72		50.0	121		mg/L		97	90 - 110

Lab Sample ID: 180-133982-1 MSD
Matrix: Water
Analysis Batch: 389510

Client Sample ID: SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	11		50.0	64.0		mg/L		106	90 - 110	4	20
Fluoride	0.33		2.50	3.02		mg/L		107	90 - 110	4	20
Sulfate	72		50.0	126		mg/L		107	90 - 110	4	20

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-389441/1-A
Matrix: Water
Analysis Batch: 389655

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 389441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 09:34	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 09:34	1
Barium	<0.0031		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 09:34	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 09:34	1
Boron	<0.060		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 09:34	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 09:34	1
Calcium	<0.13		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 09:34	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 09:34	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 09:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 09:34	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 09:34	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 09:34	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 180-389441/1-A
Matrix: Water
Analysis Batch: 389655

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 389441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 09:34	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 09:34	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 09:34	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 09:34	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 09:34	1
Sodium	<0.18		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 09:34	1
Potassium	<0.16		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 09:34	1
Magnesium	<0.050		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 09:34	1

Lab Sample ID: LCS 180-389441/2-A
Matrix: Water
Analysis Batch: 389655

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 389441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.254		mg/L		102	80 - 120
Arsenic	1.00	0.947		mg/L		95	80 - 120
Barium	1.00	1.00		mg/L		100	80 - 120
Beryllium	0.500	0.509		mg/L		102	80 - 120
Boron	1.25	1.18		mg/L		95	80 - 120
Cadmium	0.500	0.496		mg/L		99	80 - 120
Calcium	25.0	25.6		mg/L		103	80 - 120
Chromium	0.500	0.487		mg/L		97	80 - 120
Cobalt	0.500	0.483		mg/L		97	80 - 120
Copper	0.500	0.474		mg/L		95	80 - 120
Lead	0.500	0.495		mg/L		99	80 - 120
Nickel	0.500	0.485		mg/L		97	80 - 120
Selenium	1.00	0.964		mg/L		96	80 - 120
Silver	0.250	0.244		mg/L		98	80 - 120
Thallium	1.00	1.03		mg/L		103	80 - 120
Vanadium	0.500	0.487		mg/L		97	80 - 120
Zinc	0.250	0.245		mg/L		98	80 - 120
Sodium	25.0	24.8		mg/L		99	80 - 120
Potassium	25.0	24.6		mg/L		98	80 - 120
Magnesium	25.0	24.5		mg/L		98	80 - 120

Lab Sample ID: 180-134015-B-2-A MS
Matrix: Water
Analysis Batch: 389655

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 389441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00051		0.250	0.251		mg/L		100	75 - 125
Arsenic	<0.00028		1.00	0.960		mg/L		96	75 - 125
Barium	0.099		1.00	1.09		mg/L		99	75 - 125
Beryllium	<0.00027		0.500	0.506		mg/L		101	75 - 125
Boron	0.77		1.25	1.87		mg/L		88	75 - 125
Cadmium	<0.00022		0.500	0.488		mg/L		98	75 - 125
Calcium	110		25.0	140	4	mg/L		114	75 - 125
Chromium	<0.0015		0.500	0.493		mg/L		99	75 - 125
Cobalt	<0.00026		0.500	0.483		mg/L		97	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-134015-B-2-A MS
Matrix: Water
Analysis Batch: 389655

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 389441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	<0.0011		0.500	0.471		mg/L		94	75 - 125
Lead	<0.00017		0.500	0.494		mg/L		99	75 - 125
Nickel	0.00056	J	0.500	0.481		mg/L		96	75 - 125
Selenium	0.0014	J	1.00	0.958		mg/L		96	75 - 125
Silver	<0.00022		0.250	0.244		mg/L		98	75 - 125
Thallium	<0.00047		1.00	1.03		mg/L		103	75 - 125
Vanadium	<0.00078		0.500	0.492		mg/L		98	75 - 125
Zinc	<0.0029		0.250	0.243		mg/L		97	75 - 125
Sodium	3.4		25.0	28.4		mg/L		100	75 - 125
Potassium	2.6		25.0	27.1		mg/L		98	75 - 125
Magnesium	12		25.0	35.8		mg/L		96	75 - 125

Lab Sample ID: 180-134015-B-2-B MSD
Matrix: Water
Analysis Batch: 389655

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 389441

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.00051		0.250	0.255		mg/L		102	75 - 125	2	20
Arsenic	<0.00028		1.00	0.967		mg/L		97	75 - 125	1	20
Barium	0.099		1.00	1.11		mg/L		101	75 - 125	2	20
Beryllium	<0.00027		0.500	0.513		mg/L		103	75 - 125	1	20
Boron	0.77		1.25	1.98		mg/L		97	75 - 125	5	20
Cadmium	<0.00022		0.500	0.499		mg/L		100	75 - 125	2	20
Calcium	110		25.0	138	4	mg/L		108	75 - 125	1	20
Chromium	<0.0015		0.500	0.488		mg/L		98	75 - 125	1	20
Cobalt	<0.00026		0.500	0.486		mg/L		97	75 - 125	1	20
Copper	<0.0011		0.500	0.474		mg/L		95	75 - 125	1	20
Lead	<0.00017		0.500	0.499		mg/L		100	75 - 125	1	20
Nickel	0.00056	J	0.500	0.488		mg/L		97	75 - 125	1	20
Selenium	0.0014	J	1.00	0.980		mg/L		98	75 - 125	2	20
Silver	<0.00022		0.250	0.243		mg/L		97	75 - 125	0	20
Thallium	<0.00047		1.00	1.04		mg/L		104	75 - 125	1	20
Vanadium	<0.00078		0.500	0.489		mg/L		98	75 - 125	1	20
Zinc	<0.0029		0.250	0.243		mg/L		97	75 - 125	0	20
Sodium	3.4		25.0	28.1		mg/L		99	75 - 125	1	20
Potassium	2.6		25.0	27.1		mg/L		98	75 - 125	0	20
Magnesium	12		25.0	35.8		mg/L		96	75 - 125	0	20

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-389940/1-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:35	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Method: EPA 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 180-389940/2-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389940

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00266		mg/L		106	80 - 120

Lab Sample ID: 180-134011-B-1-C MS
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 389940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00013		0.00100	0.000859		mg/L		86	75 - 125

Lab Sample ID: 180-134011-B-1-D MSD
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 389940

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.00013		0.00100	0.000827		mg/L		83	75 - 125	4	20

Lab Sample ID: MB 180-390113/1-A
Matrix: Water
Analysis Batch: 390272

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390113

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 10:56	1

Lab Sample ID: LCS 180-390113/2-A
Matrix: Water
Analysis Batch: 390272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390113

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00257		mg/L		103	80 - 120

Lab Sample ID: 180-134011-C-1-C MS
Matrix: Water
Analysis Batch: 390272

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 390113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00013		0.00100	0.000852		mg/L		85	75 - 125

Lab Sample ID: 180-134011-C-1-D MSD
Matrix: Water
Analysis Batch: 390272

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 390113

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.00013		0.00100	0.000820		mg/L		82	75 - 125	4	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Method: EPA 410.4 - COD

Lab Sample ID: MB 180-390117/12-A
Matrix: Water
Analysis Batch: 390159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/02/22 12:00	03/02/22 17:04	1

Lab Sample ID: MB 180-390117/36-A
Matrix: Water
Analysis Batch: 390159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/02/22 12:00	03/02/22 17:19	1

Lab Sample ID: MB 180-390117/60-A
Matrix: Water
Analysis Batch: 390159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/02/22 12:00	03/02/22 17:34	1

Lab Sample ID: LCS 180-390117/35-A
Matrix: Water
Analysis Batch: 390159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Chemical Oxygen Demand	75.0	74.8		mg/L		100	90 - 110

Lab Sample ID: LCS 180-390117/59-A
Matrix: Water
Analysis Batch: 390159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Chemical Oxygen Demand	75.0	77.1		mg/L		103	90 - 110

Lab Sample ID: 180-133982-2 MS
Matrix: Water
Analysis Batch: 390159

Client Sample ID: SWA-2
Prep Type: Total/NA
Prep Batch: 390117

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Chemical Oxygen Demand	<9.1		25.0	22.8		mg/L		91	90 - 110

Lab Sample ID: 180-133982-2 MSD
Matrix: Water
Analysis Batch: 390159

Client Sample ID: SWA-2
Prep Type: Total/NA
Prep Batch: 390117

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chemical Oxygen Demand	<9.1		25.0	25.1		mg/L		100	90 - 110	10	20

Lab Sample ID: MB 180-390469/84-A
Matrix: Water
Analysis Batch: 390476

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390469

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/04/22 13:38	03/04/22 18:43	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Method: EPA 410.4 - COD

Lab Sample ID: LCS 180-390469/83-A
Matrix: Water
Analysis Batch: 390476

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	75.0	77.3		mg/L		103	90 - 110

Lab Sample ID: 180-134631-E-1-B MS
Matrix: Water
Analysis Batch: 390476

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 390469

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	19		25.0	46.2		mg/L		108	90 - 110

Lab Sample ID: 180-134631-E-1-C MSD
Matrix: Water
Analysis Batch: 390476

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 390469

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chemical Oxygen Demand	19		25.0	43.5		mg/L		97	90 - 110	6	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-389182/2
Matrix: Water
Analysis Batch: 389182

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/22/22 17:41	1

Lab Sample ID: LCS 180-389182/1
Matrix: Water
Analysis Batch: 389182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	432		mg/L		92	85 - 115

Lab Sample ID: 180-133824-C-1 DU
Matrix: Water
Analysis Batch: 389182

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	610		610		mg/L		0.2	10

Lab Sample ID: 180-133982-6 DU
Matrix: Water
Analysis Batch: 389182

Client Sample ID: SWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	66		65.0		mg/L		2	10

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QC Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Method: SM 4500CN E - Total Cyanide

Lab Sample ID: MB 180-389595/4-A
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389595

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0080		0.010	0.0080	mg/L		02/25/22 13:30	02/28/22 15:34	1

Lab Sample ID: HLCS 180-389595/2-A
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389595

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.260		mg/L		104	90 - 110

Lab Sample ID: LCS 180-389595/3-A
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.200	0.215		mg/L		108	90 - 110

Lab Sample ID: LLCS 180-389595/1-A
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389595

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0500	0.0520		mg/L		104	90 - 110

Lab Sample ID: 180-133721-D-1-C MS
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 389595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	<0.0080	F1	0.200	0.216		mg/L		108	90 - 110

Lab Sample ID: 180-133721-D-1-D MSD
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 389595

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	<0.0080	F1	0.200	0.225	F1	mg/L		113	90 - 110	4	20

Lab Sample ID: 180-133721-D-1-B DU
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 389595

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	<0.0080	F1	<0.0080		mg/L		NC	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Method: SM 5310C - Total Organic Carbon

Lab Sample ID: MB 180-390119/33
Matrix: Water
Analysis Batch: 390119

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	<0.51		1.0	0.51	mg/L			03/02/22 05:51	1

Lab Sample ID: MB 180-390119/6
Matrix: Water
Analysis Batch: 390119

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	<0.51		1.0	0.51	mg/L			03/01/22 22:07	1

Lab Sample ID: LCS 180-390119/31
Matrix: Water
Analysis Batch: 390119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	20.0	21.8		mg/L		109	85 - 115

Lab Sample ID: LCS 180-390119/4
Matrix: Water
Analysis Batch: 390119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	20.0	21.7		mg/L		109	85 - 115

Lab Sample ID: LCSD 180-390119/32
Matrix: Water
Analysis Batch: 390119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	20.0	22.1		mg/L		111	85 - 115	2	20

Lab Sample ID: LCSD 180-390119/5
Matrix: Water
Analysis Batch: 390119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	20.0	21.8		mg/L		109	85 - 115	0	20

Lab Sample ID: 180-133719-S-3 MS
Matrix: Water
Analysis Batch: 390119

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	1.5	F1	10.0	6.30	F1	mg/L		48	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Method: SM 5310C - Total Organic Carbon (Continued)

Lab Sample ID: 180-133719-S-3 MSD
Matrix: Water
Analysis Batch: 390119

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	1.5	F1	10.0	6.16	F1	mg/L		47	75 - 125	2	20

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-389428/30
Matrix: Water
Analysis Batch: 389428

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 17:12	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 17:12	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 17:12	1

Lab Sample ID: MB 180-389428/54
Matrix: Water
Analysis Batch: 389428

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 20:00	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 20:00	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 20:00	1

Lab Sample ID: MB 180-389428/78
Matrix: Water
Analysis Batch: 389428

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 22:52	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 22:52	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 22:52	1

Lab Sample ID: LCS 180-389428/53
Matrix: Water
Analysis Batch: 389428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	247		mg/L		94	90 - 110

Lab Sample ID: LCS 180-389428/77
Matrix: Water
Analysis Batch: 389428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	244		mg/L		92	90 - 110

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QC Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LLCS 180-389428/52
Matrix: Water
Analysis Batch: 389428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.1		mg/L		89	75 - 125

Lab Sample ID: LLCS 180-389428/76
Matrix: Water
Analysis Batch: 389428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.3		mg/L		90	75 - 125

Lab Sample ID: 180-133800-A-1 DU
Matrix: Water
Analysis Batch: 389428

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	110		113		mg/L		1	20
Bicarbonate Alkalinity as CaCO3	110		113		mg/L		1	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-133807-A-1 DU
Matrix: Water
Analysis Batch: 389428

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	420		441		mg/L		4	20
Bicarbonate Alkalinity as CaCO3	360		377		mg/L		5	20
Carbonate Alkalinity as CaCO3	63		63.2		mg/L		0.3	20

Lab Sample ID: 180-133807-A-5 DU
Matrix: Water
Analysis Batch: 389428

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	430		419		mg/L		4	20
Bicarbonate Alkalinity as CaCO3	370		357		mg/L		2	20
Carbonate Alkalinity as CaCO3	69		61.3		mg/L		11	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

HPLC/IC

Analysis Batch: 389510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	EPA 300.0 R2.1	
180-133982-2	SWA-2	Total/NA	Water	EPA 300.0 R2.1	
180-133982-3	SWA-3	Total/NA	Water	EPA 300.0 R2.1	
180-133982-4	SWC-4	Total/NA	Water	EPA 300.0 R2.1	
180-133982-5	SWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-133982-6	SWC-6	Total/NA	Water	EPA 300.0 R2.1	
180-133982-7	SWC-7	Total/NA	Water	EPA 300.0 R2.1	
180-133982-8	SWC-8	Total/NA	Water	EPA 300.0 R2.1	
180-133982-9	SWC-9	Total/NA	Water	EPA 300.0 R2.1	
MB 180-389510/22	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-389510/21	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-133982-1 MS	SWA-1	Total/NA	Water	EPA 300.0 R2.1	
180-133982-1 MSD	SWA-1	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 389441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total Recoverable	Water	3005A	
180-133982-2	SWA-2	Total Recoverable	Water	3005A	
180-133982-3	SWA-3	Total Recoverable	Water	3005A	
180-133982-4	SWC-4	Total Recoverable	Water	3005A	
180-133982-5	SWC-5	Total Recoverable	Water	3005A	
180-133982-6	SWC-6	Total Recoverable	Water	3005A	
180-133982-7	SWC-7	Total Recoverable	Water	3005A	
180-133982-8	SWC-8	Total Recoverable	Water	3005A	
180-133982-9	SWC-9	Total Recoverable	Water	3005A	
MB 180-389441/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-389441/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-134015-B-2-A MS	Matrix Spike	Total Recoverable	Water	3005A	
180-134015-B-2-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 389655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total Recoverable	Water	EPA 6020B	389441
180-133982-2	SWA-2	Total Recoverable	Water	EPA 6020B	389441
180-133982-3	SWA-3	Total Recoverable	Water	EPA 6020B	389441
180-133982-4	SWC-4	Total Recoverable	Water	EPA 6020B	389441
180-133982-5	SWC-5	Total Recoverable	Water	EPA 6020B	389441
180-133982-6	SWC-6	Total Recoverable	Water	EPA 6020B	389441
180-133982-7	SWC-7	Total Recoverable	Water	EPA 6020B	389441
180-133982-8	SWC-8	Total Recoverable	Water	EPA 6020B	389441
180-133982-9	SWC-9	Total Recoverable	Water	EPA 6020B	389441
MB 180-389441/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	389441
LCS 180-389441/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	389441
180-134015-B-2-A MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	389441
180-134015-B-2-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	389441

Prep Batch: 389940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-9	SWC-9	Total/NA	Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

Metals (Continued)

Prep Batch: 389940 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-389940/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	7470A	
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 390002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-9	SWC-9	Total/NA	Water	EPA 7470A	389940
MB 180-389940/1-A	Method Blank	Total/NA	Water	EPA 7470A	389940
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389940
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	EPA 7470A	389940
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	389940

Prep Batch: 390113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	7470A	
180-133982-2	SWA-2	Total/NA	Water	7470A	
180-133982-3	SWA-3	Total/NA	Water	7470A	
180-133982-4	SWC-4	Total/NA	Water	7470A	
180-133982-5	SWC-5	Total/NA	Water	7470A	
180-133982-6	SWC-6	Total/NA	Water	7470A	
180-133982-7	SWC-7	Total/NA	Water	7470A	
180-133982-8	SWC-8	Total/NA	Water	7470A	
MB 180-390113/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-390113/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-134011-C-1-C MS	Matrix Spike	Dissolved	Water	7470A	
180-134011-C-1-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	

Analysis Batch: 390272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	EPA 7470A	390113
180-133982-2	SWA-2	Total/NA	Water	EPA 7470A	390113
180-133982-3	SWA-3	Total/NA	Water	EPA 7470A	390113
180-133982-4	SWC-4	Total/NA	Water	EPA 7470A	390113
180-133982-5	SWC-5	Total/NA	Water	EPA 7470A	390113
180-133982-6	SWC-6	Total/NA	Water	EPA 7470A	390113
180-133982-7	SWC-7	Total/NA	Water	EPA 7470A	390113
180-133982-8	SWC-8	Total/NA	Water	EPA 7470A	390113
MB 180-390113/1-A	Method Blank	Total/NA	Water	EPA 7470A	390113
LCS 180-390113/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	390113
180-134011-C-1-C MS	Matrix Spike	Dissolved	Water	EPA 7470A	390113
180-134011-C-1-D MSD	Matrix Spike Duplicate	Dissolved	Water	EPA 7470A	390113

General Chemistry

Analysis Batch: 389182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	SM 2540C	
180-133982-2	SWA-2	Total/NA	Water	SM 2540C	
180-133982-3	SWA-3	Total/NA	Water	SM 2540C	
180-133982-4	SWC-4	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

General Chemistry (Continued)

Analysis Batch: 389182 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-5	SWC-5	Total/NA	Water	SM 2540C	
180-133982-6	SWC-6	Total/NA	Water	SM 2540C	
180-133982-7	SWC-7	Total/NA	Water	SM 2540C	
180-133982-8	SWC-8	Total/NA	Water	SM 2540C	
180-133982-9	SWC-9	Total/NA	Water	SM 2540C	
MB 180-389182/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389182/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133824-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	
180-133982-6 DU	SWC-6	Total/NA	Water	SM 2540C	

Analysis Batch: 389428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	SM2320 B	
180-133982-2	SWA-2	Total/NA	Water	SM2320 B	
180-133982-3	SWA-3	Total/NA	Water	SM2320 B	
180-133982-4	SWC-4	Total/NA	Water	SM2320 B	
180-133982-5	SWC-5	Total/NA	Water	SM2320 B	
180-133982-6	SWC-6	Total/NA	Water	SM2320 B	
180-133982-7	SWC-7	Total/NA	Water	SM2320 B	
180-133982-8	SWC-8	Total/NA	Water	SM2320 B	
180-133982-9	SWC-9	Total/NA	Water	SM2320 B	
MB 180-389428/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389428/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389428/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389428/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389428/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389428/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389428/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-133800-A-1 DU	Duplicate	Total/NA	Water	SM2320 B	
180-133807-A-1 DU	Duplicate	Total/NA	Water	SM2320 B	
180-133807-A-5 DU	Duplicate	Total/NA	Water	SM2320 B	

Prep Batch: 389595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	SM 4500 CN C	
180-133982-2	SWA-2	Total/NA	Water	SM 4500 CN C	
180-133982-3	SWA-3	Total/NA	Water	SM 4500 CN C	
180-133982-7	SWC-7	Total/NA	Water	SM 4500 CN C	
MB 180-389595/4-A	Method Blank	Total/NA	Water	SM 4500 CN C	
HLCS 180-389595/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
LCS 180-389595/3-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
LLCS 180-389595/1-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
180-133721-D-1-C MS	Matrix Spike	Total/NA	Water	SM 4500 CN C	
180-133721-D-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 CN C	
180-133721-D-1-B DU	Duplicate	Total/NA	Water	SM 4500 CN C	

Analysis Batch: 389846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	SM 4500CN E	389595
180-133982-2	SWA-2	Total/NA	Water	SM 4500CN E	389595
180-133982-3	SWA-3	Total/NA	Water	SM 4500CN E	389595

Eurofins Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

General Chemistry (Continued)

Analysis Batch: 389846 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-7	SWC-7	Total/NA	Water	SM 4500CN E	389595
MB 180-389595/4-A	Method Blank	Total/NA	Water	SM 4500CN E	389595
HLCS 180-389595/2-A	Lab Control Sample	Total/NA	Water	SM 4500CN E	389595
LCS 180-389595/3-A	Lab Control Sample	Total/NA	Water	SM 4500CN E	389595
LLCS 180-389595/1-A	Lab Control Sample	Total/NA	Water	SM 4500CN E	389595
180-133721-D-1-C MS	Matrix Spike	Total/NA	Water	SM 4500CN E	389595
180-133721-D-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500CN E	389595
180-133721-D-1-B DU	Duplicate	Total/NA	Water	SM 4500CN E	389595

Prep Batch: 390117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-2	SWA-2	Total/NA	Water	410.4	
180-133982-3	SWA-3	Total/NA	Water	410.4	
180-133982-7	SWC-7	Total/NA	Water	410.4	
MB 180-390117/12-A	Method Blank	Total/NA	Water	410.4	
MB 180-390117/36-A	Method Blank	Total/NA	Water	410.4	
MB 180-390117/60-A	Method Blank	Total/NA	Water	410.4	
LCS 180-390117/35-A	Lab Control Sample	Total/NA	Water	410.4	
LCS 180-390117/59-A	Lab Control Sample	Total/NA	Water	410.4	
180-133982-2 MS	SWA-2	Total/NA	Water	410.4	
180-133982-2 MSD	SWA-2	Total/NA	Water	410.4	

Analysis Batch: 390119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	SM 5310C	
180-133982-2	SWA-2	Total/NA	Water	SM 5310C	
180-133982-3	SWA-3	Total/NA	Water	SM 5310C	
180-133982-7	SWC-7	Total/NA	Water	SM 5310C	
MB 180-390119/33	Method Blank	Total/NA	Water	SM 5310C	
MB 180-390119/6	Method Blank	Total/NA	Water	SM 5310C	
LCS 180-390119/31	Lab Control Sample	Total/NA	Water	SM 5310C	
LCS 180-390119/4	Lab Control Sample	Total/NA	Water	SM 5310C	
LCS 180-390119/32	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
LCS 180-390119/5	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
180-133719-S-3 MS	Matrix Spike	Total/NA	Water	SM 5310C	
180-133719-S-3 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5310C	

Analysis Batch: 390159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-2	SWA-2	Total/NA	Water	EPA 410.4	390117
180-133982-3	SWA-3	Total/NA	Water	EPA 410.4	390117
180-133982-7	SWC-7	Total/NA	Water	EPA 410.4	390117
MB 180-390117/12-A	Method Blank	Total/NA	Water	EPA 410.4	390117
MB 180-390117/36-A	Method Blank	Total/NA	Water	EPA 410.4	390117
MB 180-390117/60-A	Method Blank	Total/NA	Water	EPA 410.4	390117
LCS 180-390117/35-A	Lab Control Sample	Total/NA	Water	EPA 410.4	390117
LCS 180-390117/59-A	Lab Control Sample	Total/NA	Water	EPA 410.4	390117
180-133982-2 MS	SWA-2	Total/NA	Water	EPA 410.4	390117
180-133982-2 MSD	SWA-2	Total/NA	Water	EPA 410.4	390117

Eurofins Pittsburgh

QC Association Summary

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 180-133982-1

General Chemistry

Prep Batch: 390469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	410.4	
MB 180-390469/84-A	Method Blank	Total/NA	Water	410.4	
LCS 180-390469/83-A	Lab Control Sample	Total/NA	Water	410.4	
180-134631-E-1-B MS	Matrix Spike	Total/NA	Water	410.4	
180-134631-E-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	410.4	

Analysis Batch: 390476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	EPA 410.4	390469
MB 180-390469/84-A	Method Blank	Total/NA	Water	EPA 410.4	390469
LCS 180-390469/83-A	Lab Control Sample	Total/NA	Water	EPA 410.4	390469
180-134631-E-1-B MS	Matrix Spike	Total/NA	Water	EPA 410.4	390469
180-134631-E-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 410.4	390469

Field Service / Mobile Lab

Analysis Batch: 389804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	Field Sampling	
180-133982-2	SWA-2	Total/NA	Water	Field Sampling	
180-133982-3	SWA-3	Total/NA	Water	Field Sampling	
180-133982-4	SWC-4	Total/NA	Water	Field Sampling	
180-133982-5	SWC-5	Total/NA	Water	Field Sampling	
180-133982-6	SWC-6	Total/NA	Water	Field Sampling	
180-133982-7	SWC-7	Total/NA	Water	Field Sampling	
180-133982-8	SWC-8	Total/NA	Water	Field Sampling	
180-133982-9	SWC-9	Total/NA	Water	Field Sampling	

TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody Record

ATLANTA-244

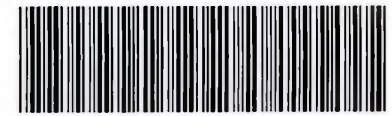
TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Dawn Prell		Site Contact: Dawn Prell		Date: 2/17/2022		COC No:				
Joju Abraham		Tel/Fax: 248-536-5445		Lab Contact: Shali Brown		Carrier:		__1__ of __1__ COCs				
Southern Company		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) 6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn Cations: Na, Mg, K Alkalinity (total, CO3, HCO3) Cl, F, So4, TDS COD TOC Cyanide		Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:		Sample Specific Notes:				
241 Ralph McGill Blvd SE B10185		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____										
Atlanta, GA 30308		<input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day										
JAbraham@southernco.com												
Project Name: Plant Scherer Surface Water												
Site: Georgia												
P O #												
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.							
SWA-1	2/16/2022	08:55	G	Water	7	X	X	X	X			
SWA-2	2/16/2022	12:15	G	Water	7	X	X	X	X			
SWA-3	2/16/2022	11:55	G	Water	7	X	X	X	X			
SWC-4	2/16/2022	09:15	G	Water	3	X	X	X	X			
SWC-5	2/16/2022	09:35	G	Water	3	X	X	X	X			
SWC-6	2/16/2022	11:10	G	Water	3	X	X	X	X			
SWC-7	2/16/2022	10:55	G	Water	7	X	X	X	X			
SWC-8	2/16/2022	11:40	G	Water	3	X	X	X	X			
SWC-9	2/16/2022	09:50	G	Water	3	X	X	X	X			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other						4	4	1	1	3	3	5
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						Sample Disposal (A fee may be assessed if sam, ...) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						
Special Instructions/QC Requirements & Comments:												
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Coc Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.:				
Relinquished by: <i>wee</i>		Company: <i>Goldier</i>		Date/Time: <i>2-17-22/10:30</i>		Received by: <i>Michael Maske</i>		Company: _____		Date/Time: <i>2-17-22 10:30</i>		
Relinquished by: <i>Michael Maske</i>		Company: _____		Date/Time: <i>2-17-22 12:30</i>		Received by: <i>[Signature]</i>		Company: <i>[Signature]</i>		Date/Time: <i>2/17/22 9:30</i>		
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: _____		Company: _____		Date/Time: _____		



180-133982 Chain of Custody

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133982-1

Login Number: 133982

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Kovitch, Christina M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler 3042 8.7°C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-133985-1
Client Project/Site: Plant Scherer Effluent

For:
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
3/3/2022 9:13:38 PM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416



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Case Narrative

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Job ID: 180-133985-1

Laboratory: Eurofins Pittsburgh

Narrative

**Job Narrative
180-133985-1**

Receipt

The sample was received on 2/21/2022 9:30 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 8.7°C

Metals

Method 6020B: The following sample was diluted due to the nature of the sample matrix: Effluent (180-133985-1). Elevated reporting limits (RLs) are provided.

Method 7470A: The following sample was prepped/digested at a dilution due to the nature of the sample matrix: Effluent (180-133985-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.



Definitions/Glossary

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22
California	State	2891	04-30-22
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	06-30-22
Georgia	State	PA 02-00416	04-30-22
Illinois	NELAP	004375	06-30-22
Kansas	NELAP	E-10350	01-31-22 *
Kentucky (UST)	State	162013	04-30-22
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	12-31-22
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-05-22
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-02-22
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	04-30-22
Oregon	NELAP	PA-2151	02-06-22 *
Pennsylvania	NELAP	02-00416	04-30-22
Rhode Island	State	LAO00362	12-31-21 *
South Carolina	State	89014	06-30-22
Texas	NELAP	T104704528	03-31-22
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	05-31-22
Virginia	NELAP	10043	09-15-22
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Sample Summary

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-133985-1	Effluent	Water	02/16/22 13:33	02/21/22 09:30

1

2

3

4

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12

13

Method Summary

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Method	Method Description	Protocol	Laboratory
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



Lab Chronicle

Client: Southern Company
 Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Client Sample ID: Effluent

Lab Sample ID: 180-133985-1

Date Collected: 02/16/22 13:33

Matrix: Water

Date Received: 02/21/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			2.5 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 10:11	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			2.5 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 20:00	RJR	TAL PIT
Instrument ID: HGY										

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

KFS = Kelly Shannon

RJR = Ron Rosenbaum

Batch Type: Analysis

RJR = Ron Rosenbaum

RSK = Robert Kurtz

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Client Sample ID: Effluent

Lab Sample ID: 180-133985-1

Date Collected: 02/16/22 13:33

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.031		0.020	0.0051	mg/L		02/25/22 07:59	02/26/22 10:11	1
Arsenic	0.083		0.010	0.0028	mg/L		02/25/22 07:59	02/26/22 10:11	1
Barium	0.73		0.10	0.031	mg/L		02/25/22 07:59	02/26/22 10:11	1
Beryllium	<0.0027		0.025	0.0027	mg/L		02/25/22 07:59	02/26/22 10:11	1
Cadmium	0.069		0.025	0.0022	mg/L		02/25/22 07:59	02/26/22 10:11	1
Chromium	0.73		0.020	0.015	mg/L		02/25/22 07:59	02/26/22 10:11	1
Cobalt	0.032		0.025	0.0026	mg/L		02/25/22 07:59	02/26/22 10:11	1
Copper	0.16		0.020	0.011	mg/L		02/25/22 07:59	02/26/22 10:11	1
Lead	0.059		0.010	0.0017	mg/L		02/25/22 07:59	02/26/22 10:11	1
Nickel	0.52		0.010	0.0052	mg/L		02/25/22 07:59	02/26/22 10:11	1
Selenium	0.077		0.050	0.0074	mg/L		02/25/22 07:59	02/26/22 10:11	1
Silver	0.0039	J	0.010	0.0022	mg/L		02/25/22 07:59	02/26/22 10:11	1
Thallium	<0.0047		0.010	0.0047	mg/L		02/25/22 07:59	02/26/22 10:11	1
Vanadium	0.30		0.010	0.0078	mg/L		02/25/22 07:59	02/26/22 10:11	1
Zinc	3.6		0.050	0.029	mg/L		02/25/22 07:59	02/26/22 10:11	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.0020	0.0013	mg/L		03/01/22 13:20	03/01/22 20:00	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-389538/1-A
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:11	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:11	1
Barium	<0.0031		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:11	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:11	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:11	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:11	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:11	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:11	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:11	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:11	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:11	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:11	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:11	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:11	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:11	1

Lab Sample ID: LCS 180-389538/2-A
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	0.948		mg/L		95	80 - 120
Barium	1.00	0.957		mg/L		96	80 - 120
Beryllium	0.500	0.498		mg/L		100	80 - 120
Cadmium	0.500	0.480		mg/L		96	80 - 120
Chromium	0.500	0.478		mg/L		96	80 - 120
Cobalt	0.500	0.477		mg/L		95	80 - 120
Copper	0.500	0.462		mg/L		92	80 - 120
Lead	0.500	0.488		mg/L		98	80 - 120
Nickel	0.500	0.479		mg/L		96	80 - 120
Selenium	1.00	0.954		mg/L		95	80 - 120
Silver	0.250	0.240		mg/L		96	80 - 120
Thallium	1.00	0.971		mg/L		97	80 - 120
Vanadium	0.500	0.478		mg/L		96	80 - 120
Zinc	0.250	0.242		mg/L		97	80 - 120

Lab Sample ID: 180-134138-E-1-B MS
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Antimony	<0.00051		0.250	0.247		mg/L		99	75 - 125
Arsenic	0.00060	J	1.00	0.934		mg/L		93	75 - 125
Barium	0.024		1.00	1.00		mg/L		98	75 - 125
Beryllium	<0.00027		0.500	0.479		mg/L		96	75 - 125
Cadmium	<0.00022		0.500	0.476		mg/L		95	75 - 125
Chromium	<0.0015		0.500	0.480		mg/L		96	75 - 125
Cobalt	0.021		0.500	0.488		mg/L		93	75 - 125

Eurofins Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-134138-E-1-B MS
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	Limits
Copper	<0.0011		0.500	0.453		mg/L		91	75 - 125	
Lead	<0.00017		0.500	0.479		mg/L		96	75 - 125	
Nickel	0.0064		0.500	0.471		mg/L		93	75 - 125	
Selenium	<0.00074		1.00	0.927		mg/L		93	75 - 125	
Silver	<0.00022		0.250	0.239		mg/L		95	75 - 125	
Thallium	<0.00047		1.00	0.962		mg/L		96	75 - 125	
Vanadium	<0.00078		0.500	0.484		mg/L		97	75 - 125	
Zinc	0.0090		0.250	0.238		mg/L		91	75 - 125	

Lab Sample ID: 180-134138-E-1-C MSD
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	Limits	RPD	Limit
Antimony	<0.00051		0.250	0.244		mg/L		98	75 - 125	1	20	
Arsenic	0.00060	J	1.00	0.998		mg/L		100	75 - 125	7	20	
Barium	0.024		1.00	1.03		mg/L		101	75 - 125	3	20	
Beryllium	<0.00027		0.500	0.514		mg/L		103	75 - 125	7	20	
Cadmium	<0.00022		0.500	0.504		mg/L		101	75 - 125	6	20	
Chromium	<0.0015		0.500	0.511		mg/L		102	75 - 125	6	20	
Cobalt	0.021		0.500	0.514		mg/L		99	75 - 125	5	20	
Copper	<0.0011		0.500	0.479		mg/L		96	75 - 125	6	20	
Lead	<0.00017		0.500	0.505		mg/L		101	75 - 125	5	20	
Nickel	0.0064		0.500	0.498		mg/L		98	75 - 125	6	20	
Selenium	<0.00074		1.00	0.978		mg/L		98	75 - 125	5	20	
Silver	<0.00022		0.250	0.241		mg/L		96	75 - 125	1	20	
Thallium	<0.00047		1.00	1.01		mg/L		101	75 - 125	5	20	
Vanadium	<0.00078		0.500	0.512		mg/L		102	75 - 125	6	20	
Zinc	0.0090		0.250	0.242		mg/L		93	75 - 125	2	20	

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-389940/1-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389940

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:35	1

Lab Sample ID: LCS 180-389940/2-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389940

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	
	Added	Result	Qualifier				Limits	Limits
Mercury	0.00250	0.00266		mg/L		106	80 - 120	

QC Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Method: EPA 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 180-134011-B-1-C MS

Matrix: Water

Analysis Batch: 390002

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 389940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.00013		0.00100	0.000859		mg/L		86	75 - 125

Lab Sample ID: 180-134011-B-1-D MSD

Matrix: Water

Analysis Batch: 390002

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 389940

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.000827		mg/L		83	75 - 125	4	20



QC Association Summary

Client: Southern Company
 Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Metals

Prep Batch: 389538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133985-1	Effluent	Total Recoverable	Water	3005A	
MB 180-389538/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-389538/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-134138-E-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-134138-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 389850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133985-1	Effluent	Total Recoverable	Water	EPA 6020B	389538
MB 180-389538/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	389538
LCS 180-389538/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	389538
180-134138-E-1-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	389538
180-134138-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	389538

Prep Batch: 389940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133985-1	Effluent	Total/NA	Water	7470A	
MB 180-389940/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	7470A	
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 390002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133985-1	Effluent	Total/NA	Water	EPA 7470A	389940
MB 180-389940/1-A	Method Blank	Total/NA	Water	EPA 7470A	389940
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389940
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	EPA 7470A	389940
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	389940

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133985-1

Login Number: 133985

List Number: 1

Creator: Kovitch, Christina M

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B

Laboratory Analytical Data May
2022

ANALYTICAL REPORT

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-138181-1

Client Project/Site: Plant Scherer Cell 1 Resampling

For:

Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

6/6/2022 6:01:28 PM

Shali Brown, Project Manager II
(615)301-5031

Shali.Brown@et.eurofinsus.com

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results through



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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416



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Case Narrative

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Job ID: 180-138181-1

Laboratory: Eurofins Pittsburgh

Narrative

**Job Narrative
180-138181-1**

Receipt

The samples were received on 5/14/2022 3:32 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C

Receipt Exceptions

The Field Sampler was not listed on the Chain of Custody.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 180-400314 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.



Definitions/Glossary

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22
California	State	2891	04-30-22 *
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	06-30-22
Georgia	State	PA 02-00416	04-30-23
Illinois	NELAP	004375	06-30-22
Kansas	NELAP	E-10350	03-31-23
Kentucky (UST)	State	162013	04-30-22 *
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22
Maine	State	PA00164	03-06-24
Minnesota	NELAP	042-999-482	12-31-22
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-04-23
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-01-23
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	04-30-22 *
Oregon	NELAP	PA-2151	02-07-23
Pennsylvania	NELAP	02-00416	04-30-23
Rhode Island	State	LAO00362	12-31-21 *
South Carolina	State	89014	06-30-22
Texas	NELAP	T104704528	03-31-23
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	05-31-22 *
Virginia	NELAP	10043	09-14-22
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Sample Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-138181-1	GWC-1	Water	05/12/22 11:03	05/14/22 15:32
180-138181-2	GWC-4	Water	05/12/22 10:54	05/14/22 15:32
180-138181-3	GWC-5	Water	05/12/22 12:36	05/14/22 15:32
180-138181-4	GWC-10	Water	05/12/22 12:25	05/14/22 15:32
180-138181-5	FB-1	Water	05/12/22 11:25	05/14/22 15:32
180-138181-6	EB-1	Water	05/12/22 12:45	05/14/22 15:32
180-138181-7	DUP-1	Water	05/12/22 00:00	05/14/22 15:32

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Method Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Southern Company
 Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: GWC-1
Date Collected: 05/12/22 11:03
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			400314	05/29/22 20:55	LWM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			398929	05/12/22 11:03	FDS	TAL PIT

Client Sample ID: GWC-4
Date Collected: 05/12/22 10:54
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			400332	05/30/22 16:46	LWM	TAL PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	400718	06/02/22 16:13	NAF	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			400890	06/04/22 00:36	RSK	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			398929	05/12/22 10:54	FDS	TAL PIT

Client Sample ID: GWC-5
Date Collected: 05/12/22 12:36
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			400314	05/29/22 21:54	LWM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			398929	05/12/22 12:36	FDS	TAL PIT

Client Sample ID: GWC-10
Date Collected: 05/12/22 12:25
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			400314	05/29/22 22:39	LWM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			398929	05/12/22 12:25	FDS	TAL PIT

Client Sample ID: FB-1
Date Collected: 05/12/22 11:25
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			400314	05/29/22 22:54	LWM	TAL PIT

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Lab Chronicle

Client: Southern Company
 Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: FB-1

Lab Sample ID: 180-138181-5

Date Collected: 05/12/22 11:25

Matrix: Water

Date Received: 05/14/22 15:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	400718	06/02/22 16:13	NAF	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			400890	06/04/22 00:39	RSK	TAL PIT
Instrument ID: DORY										

Client Sample ID: EB-1

Lab Sample ID: 180-138181-6

Date Collected: 05/12/22 12:45

Matrix: Water

Date Received: 05/14/22 15:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			400314	05/29/22 23:09	LWM	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			25 mL	25 mL	400718	06/02/22 16:13	NAF	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			400890	06/04/22 00:43	RSK	TAL PIT
Instrument ID: DORY										

Client Sample ID: DUP-1

Lab Sample ID: 180-138181-7

Date Collected: 05/12/22 00:00

Matrix: Water

Date Received: 05/14/22 15:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			400314	05/29/22 23:24	LWM	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			25 mL	25 mL	400718	06/02/22 16:13	NAF	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			400890	06/04/22 00:46	RSK	TAL PIT
Instrument ID: DORY										

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

NAF = Nicholas Frankos

Batch Type: Analysis

FDS = Sampler Field

LWM = Larry Matko

RSK = Robert Kurtz

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: GWC-1
Date Collected: 05/12/22 11:03
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-1
Matrix: Water

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.048	J	0.10	0.026	mg/L			05/29/22 20:55	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.55				SU			05/12/22 11:03	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: GWC-4

Lab Sample ID: 180-138181-2

Date Collected: 05/12/22 10:54

Matrix: Water

Date Received: 05/14/22 15:32

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	33		1.0	0.76	mg/L			05/30/22 16:46	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.060		0.010	0.0031	mg/L		06/02/22 16:13	06/04/22 00:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.19				SU			05/12/22 10:54	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: GWC-5
Date Collected: 05/12/22 12:36
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-3
Matrix: Water

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.030	J F1	0.10	0.026	mg/L			05/29/22 21:54	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.99				SU			05/12/22 12:36	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: GWC-10

Lab Sample ID: 180-138181-4

Date Collected: 05/12/22 12:25

Matrix: Water

Date Received: 05/14/22 15:32

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2.7		1.0	0.76	mg/L			05/29/22 22:39	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.31				SU			05/12/22 12:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: FB-1

Lab Sample ID: 180-138181-5

Date Collected: 05/12/22 11:25

Matrix: Water

Date Received: 05/14/22 15:32

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.026		0.10	0.026	mg/L			05/29/22 22:54	1
Sulfate	<0.76		1.0	0.76	mg/L			05/29/22 22:54	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0031		0.010	0.0031	mg/L		06/02/22 16:13	06/04/22 00:39	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: EB-1

Lab Sample ID: 180-138181-6

Date Collected: 05/12/22 12:45

Matrix: Water

Date Received: 05/14/22 15:32

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.026		0.10	0.026	mg/L			05/29/22 23:09	1
Sulfate	<0.76		1.0	0.76	mg/L			05/29/22 23:09	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0031		0.010	0.0031	mg/L		06/02/22 16:13	06/04/22 00:43	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: DUP-1
Date Collected: 05/12/22 00:00
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-7
Matrix: Water

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.050	J	0.10	0.026	mg/L			05/29/22 23:24	1
Sulfate	31		1.0	0.76	mg/L			05/29/22 23:24	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.061		0.010	0.0031	mg/L		06/02/22 16:13	06/04/22 00:46	1



QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 180-400314/7
Matrix: Water
Analysis Batch: 400314

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.026		0.10	0.026	mg/L			05/29/22 15:28	1
Sulfate	<0.76		1.0	0.76	mg/L			05/29/22 15:28	1

Lab Sample ID: LCS 180-400314/5
Matrix: Water
Analysis Batch: 400314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	2.50	2.44		mg/L		98	90 - 110
Sulfate	50.0	51.7		mg/L		103	90 - 110

Lab Sample ID: 180-138181-3 MS
Matrix: Water
Analysis Batch: 400314

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.030	J F1	2.50	1.13	F1	mg/L		44	90 - 110
Sulfate	110	F1	50.0	135	F1	mg/L		47	90 - 110

Lab Sample ID: 180-138181-3 MSD
Matrix: Water
Analysis Batch: 400314

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.030	J F1	2.50	1.30	F1	mg/L		51	90 - 110	14	20
Sulfate	110	F1	50.0	135	F1	mg/L		48	90 - 110	0	20

Lab Sample ID: MB 180-400332/7
Matrix: Water
Analysis Batch: 400332

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.026		0.10	0.026	mg/L			05/30/22 12:34	1
Sulfate	<0.76		1.0	0.76	mg/L			05/30/22 12:34	1

Lab Sample ID: LCS 180-400332/5
Matrix: Water
Analysis Batch: 400332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	2.50	2.46		mg/L		98	90 - 110
Sulfate	50.0	51.8		mg/L		104	90 - 110

Lab Sample ID: 180-138236-D-1 MS
Matrix: Water
Analysis Batch: 400332

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.073	J	2.50	2.68		mg/L		104	90 - 110
Sulfate	54		50.0	106		mg/L		104	90 - 110

Eurofins Pittsburgh

QC Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: 180-138236-D-1 MSD
Matrix: Water
Analysis Batch: 400332

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.073	J	2.50	2.66		mg/L		103	90 - 110	1	20
Sulfate	54		50.0	105		mg/L		102	90 - 110	1	20

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-400718/1-A
Matrix: Water
Analysis Batch: 400890

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 400718

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0031		0.010	0.0031	mg/L		06/02/22 16:13	06/04/22 00:01	1

Lab Sample ID: LCS 180-400718/2-A
Matrix: Water
Analysis Batch: 400890

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 400718

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	1.00	0.993		mg/L		99	80 - 120

Lab Sample ID: 630-32520-H-5-I MS
Matrix: Water
Analysis Batch: 400890

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 400718

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	<0.0031		1.00	0.980		mg/L		98	75 - 125

Lab Sample ID: 630-32520-H-5-J MSD
Matrix: Water
Analysis Batch: 400890

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 400718

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	<0.0031		1.00	0.967		mg/L		97	75 - 125	1	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

HPLC/IC

Analysis Batch: 400314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-138181-1	GWC-1	Total/NA	Water	EPA 300.0 R2.1	
180-138181-3	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-138181-4	GWC-10	Total/NA	Water	EPA 300.0 R2.1	
180-138181-5	FB-1	Total/NA	Water	EPA 300.0 R2.1	
180-138181-6	EB-1	Total/NA	Water	EPA 300.0 R2.1	
180-138181-7	DUP-1	Total/NA	Water	EPA 300.0 R2.1	
MB 180-400314/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-400314/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-138181-3 MS	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-138181-3 MSD	GWC-5	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 400332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-138181-2	GWC-4	Total/NA	Water	EPA 300.0 R2.1	
MB 180-400332/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-400332/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-138236-D-1 MS	Matrix Spike	Total/NA	Water	EPA 300.0 R2.1	
180-138236-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 400718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-138181-2	GWC-4	Total Recoverable	Water	3005A	
180-138181-5	FB-1	Total Recoverable	Water	3005A	
180-138181-6	EB-1	Total Recoverable	Water	3005A	
180-138181-7	DUP-1	Total Recoverable	Water	3005A	
MB 180-400718/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-400718/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
630-32520-H-5-I MS	Matrix Spike	Total Recoverable	Water	3005A	
630-32520-H-5-J MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 400890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-138181-2	GWC-4	Total Recoverable	Water	EPA 6020B	400718
180-138181-5	FB-1	Total Recoverable	Water	EPA 6020B	400718
180-138181-6	EB-1	Total Recoverable	Water	EPA 6020B	400718
180-138181-7	DUP-1	Total Recoverable	Water	EPA 6020B	400718
MB 180-400718/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	400718
LCS 180-400718/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	400718
630-32520-H-5-I MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	400718
630-32520-H-5-J MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	400718

Field Service / Mobile Lab

Analysis Batch: 398929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-138181-1	GWC-1	Total/NA	Water	Field Sampling	
180-138181-2	GWC-4	Total/NA	Water	Field Sampling	
180-138181-3	GWC-5	Total/NA	Water	Field Sampling	
180-138181-4	GWC-10	Total/NA	Water	Field Sampling	

Eurofins Pittsburgh

TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody Record



TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact	Project Manager: Dawn Prell	Site Contact: Dawn Prell	Date: 5/12/2022
Joju Abraham	Tel/Fax: 248-536-5445	Lab Contact: Shali Brown	Carrier:
Southern Company	Analysis Turnaround Time		COC No: _____ of _____ COCs
241 Ralph McGill Blvd SE B10185	<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS	Filtered Sample (Y/N) Perform MS / MSD (Y/N) 6020, 7470A: Barium only Fluoride Sulfate	Sampler:
Atlanta, GA 30308	TAT if different from Below 3-5 days _____		For Lab Use Only:
JAbraham@southernco.com	<input type="checkbox"/> 2 weeks		Walk-in Client:
Project Name: Plant Scherer Cell 1 Resampling	<input type="checkbox"/> 1 week		Lab Sampling:
Site: Georgia	<input type="checkbox"/> 2 days		Job / SDG No.:
P O #	<input type="checkbox"/> 1 day		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	6020, 7470A: Barium only	Fluoride	Sulfate	Sample Specific Notes:
GWC-1	5/12/2022	11:03	G	GW	1				X		pH= 6.55
GWC-4	5/12/2022	10:54	G	GW	2		X			X	pH= 6.19
GWC-5	5/12/2022	12:36	G	GW	1				X		pH= 5.99
GWC-10	5/12/2022	12:25	G	GW	1					X	pH= 6.31
FB-1	5/12/2022	11:25	G	W	2		X	X	X		
EB-1	5/12/2022	12:45	G	W	2		X	X	X		
Dup-1	5/12/2022	--	G	GW	2		X	X	X		



180-138181 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____	4 1 1
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> S <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____	Therm ID No.:
Relinquished by: Connor M. Kilius	Company: Golder	Date/Time: 5/13/22 9:30	Received by: [Signature]
Relinquished by: [Signature]	Company:	Date/Time: 5/13/22 9:00	Received by: [Signature]
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-138181-1

Login Number: 138181

List Number: 1

Creator: Watson, Debbie

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



APPENDIX B

Laboratory Accreditation

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF LABORATORIES

LABORATORY ACCREDITATION PROGRAM

Certifies That

02-00416

Eurofins TestAmerica Laboratories Pittsburgh

301 Alpha Drive, Pittsburgh, PA, 15238

Having duly met the requirement of

The act of June 29, 2002 (P.L. 596, No. 90)

dealing with Environmental Laboratories Accreditation

(27 Pa. C.S. 4104-4113) and the

National Environmental Laboratory Accreditation Program Standard

is hereby approved as an

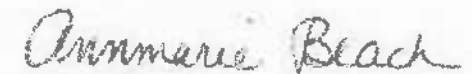
Accredited Laboratory

to conduct analysis within the fields of accreditations more fully described in the attached Scope of Accreditation

NELAP accreditation granted by the PA DEP to an environmental laboratory is conditioned upon continued compliance with the current edition of the NELAC Standard or TNI Standard and the following Subchapters and Sections of 25 Pa. Code Chapter 252: Subchapter A (relating to general provisions); Subchapter B (relating to application, fees and supporting documents); Subchapter E (relating to proficiency test study requirements); Subchapter F (relating to assessment requirements); Subchapter G (relating to miscellaneous provisions); Section 252.307; and Section 252.401.

Expiration Date: 04/30/2022

Certificate Number: 018



Annmarie Beach, Chief
Laboratory Accreditation Program
Bureau of Laboratories

Continued accreditation status depends on successful ongoing participation in the program
Certificate not transferable Surrender upon revocation
To be conspicuously displayed at the Laboratory
Not valid unless accompanied by a valid Scope of Accreditation
Shall not be used to imply endorsement by the Commonwealth of Pennsylvania
Customers are urged to verify the laboratory's current accreditation status
PA DEP is a NELAP recognized accreditation body



Attached to Certificate of Accreditation 018-001 expiration date 04/30/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
ASTM D5057-90		Apparent specific gravity	NELAP	PA	09/27/2010
ASTM D5057-90		Bulk density	NELAP	PA	09/27/2010
EPA 1010	A	Ignitability	NELAP	PA	03/04/2013
EPA 120.1		Conductivity	NELAP	PA	11/15/2011
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	NELAP	PA	12/05/2013
EPA 160.4		Residue, volatile	NELAP	PA	02/03/2016
EPA 1664	A	Non-polar material	NELAP	PA	08/24/2005
EPA 1664	A	Oil and grease	NELAP	PA	04/07/2005
EPA 1664	B	Non-polar material	NELAP	PA	01/10/2014
EPA 1664	B	Oil and grease	NELAP	PA	01/10/2014
EPA 180.1		Turbidity	NELAP	PA	08/26/2006
EPA 200.7	4.4	Aluminum	NELAP	PA	04/07/2005
EPA 200.7	4.4	Antimony	NELAP	PA	04/07/2005
EPA 200.7	4.4	Arsenic	NELAP	PA	04/07/2005
EPA 200.7	4.4	Barium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Beryllium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Boron	NELAP	PA	04/07/2005
EPA 200.7	4.4	Cadmium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Calcium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Chromium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Cobalt	NELAP	PA	04/07/2005
EPA 200.7	4.4	Copper	NELAP	PA	04/07/2005
EPA 200.7	4.4	Iron	NELAP	PA	04/07/2005
EPA 200.7	4.4	Lead	NELAP	PA	04/07/2005
EPA 200.7	4.4	Lithium	NELAP	PA	09/05/2012
EPA 200.7	4.4	Magnesium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Manganese	NELAP	PA	04/07/2005
EPA 200.7	4.4	Molybdenum	NELAP	PA	04/07/2005
EPA 200.7	4.4	Nickel	NELAP	PA	04/07/2005
EPA 200.7	4.4	Potassium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Selenium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Silica, as SiO ₂	NELAP	PA	08/24/2005
EPA 200.7	4.4	Silver	NELAP	PA	04/07/2005
EPA 200.7	4.4	Sodium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Strontium	NELAP	PA	03/01/2007
EPA 200.7	4.4	Thallium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Tin	NELAP	PA	04/07/2005
EPA 200.7	4.4	Titanium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Vanadium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Zinc	NELAP	PA	04/07/2005
EPA 200.8	5.4	Aluminum	NELAP	PA	04/07/2005
EPA 200.8	5.4	Antimony	NELAP	PA	04/07/2005

Annemarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 200.8	5.4	Arsenic	NELAP	PA	03/21/2012
EPA 200.8	5.4	Barium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Beryllium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Boron	NELAP	PA	08/24/2005
EPA 200.8	5.4	Cadmium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Calcium	NELAP	PA	08/24/2005
EPA 200.8	5.4	Chromium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Cobalt	NELAP	PA	04/07/2005
EPA 200.8	5.4	Copper	NELAP	PA	11/15/2011
EPA 200.8	5.4	Iron	NELAP	PA	08/24/2005
EPA 200.8	5.4	Lead	NELAP	PA	04/07/2005
EPA 200.8	5.4	Lithium	NELAP	PA	03/24/2017
EPA 200.8	5.4	Magnesium	NELAP	PA	08/24/2005
EPA 200.8	5.4	Manganese	NELAP	PA	01/22/2007
EPA 200.8	5.4	Molybdenum	NELAP	PA	04/07/2005
EPA 200.8	5.4	Nickel	NELAP	PA	04/07/2005
EPA 200.8	5.4	Phosphorus, total	NELAP	PA	04/19/2018
EPA 200.8	5.4	Potassium	NELAP	PA	08/24/2005
EPA 200.8	5.4	Selenium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Silica, as SiO ₂	NELAP	PA	04/18/2006
EPA 200.8	5.4	Silver	NELAP	PA	04/07/2005
EPA 200.8	5.4	Sodium	NELAP	PA	08/24/2005
EPA 200.8	5.4	Strontium	NELAP	PA	03/01/2007
EPA 200.8	5.4	Thallium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Thorium	NELAP	PA	03/24/2017
EPA 200.8	5.4	Tin	NELAP	PA	08/24/2005
EPA 200.8	5.4	Titanium	NELAP	PA	08/24/2005
EPA 200.8	5.4	Uranium (mass)	NELAP	PA	03/24/2017
EPA 200.8	5.4	Vanadium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Zinc	NELAP	PA	04/07/2005
EPA 245.1	3.0	Mercury	NELAP	PA	04/07/2005
EPA 300.0	2.1	Bromide	NELAP	PA	08/24/2005
EPA 300.0	2.1	Chloride	NELAP	PA	04/07/2005
EPA 300.0	2.1	Fluoride	NELAP	PA	08/24/2005
EPA 300.0	2.1	Nitrate as N	NELAP	PA	04/07/2005
EPA 300.0	2.1	Nitrite as N	NELAP	PA	04/07/2005
EPA 300.0	2.1	Orthophosphate as P	NELAP	PA	04/07/2005
EPA 300.0	2.1	Sulfate	NELAP	PA	04/07/2005
EPA 3005	A	Preconcentration under acid	NELAP	PA	08/26/2006
EPA 3010	A	Hot plate acid digestion (HNO ₃ + HCl)	NELAP	PA	08/26/2006
EPA 3060	A	Alkaline digestion of Cr(VI)	NELAP	PA	08/26/2006
EPA 350.1	2.0	Ammonia as N	NELAP	PA	07/11/2016

Ammonia Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 351.2		Kjeldahl nitrogen, total (TKN)	NELAP	PA	07/22/2020
EPA 3510	C	Separatory funnel liquid-liquid extraction	NELAP	PA	08/26/2006
EPA 3520	C	Continuous liquid-liquid extraction	NELAP	PA	08/26/2006
EPA 353.2		Total nitrate-nitrite	NELAP	PA	08/26/2006
EPA 3620	B	Florisil cleanup	NELAP	PA	08/26/2006
EPA 3620	C	Florisil cleanup	NELAP	PA	03/16/2009
EPA 3640	A	Gel permeation cleanup (GPC)	NELAP	PA	08/26/2006
EPA 365.4		Phosphorus, total	NELAP	PA	07/22/2020
EPA 3660	B	Sulfur cleanup	NELAP	PA	08/26/2006
EPA 3665	A	Sulfuric acid/permanganate clean-up	NELAP	PA	12/30/2019
EPA 410.4	2.0	Chemical oxygen demand (COD)	NELAP	PA	10/13/2020
EPA 420.1		Total phenolics	NELAP	PA	04/08/2008
EPA 5030	B	Aqueous-phase purge-and-trap	NELAP	PA	03/04/2013
EPA 5030	C	Aqueous-phase purge-and-trap	NELAP	PA	12/05/2013
EPA 6010	B	Metals by ICP/AES	NELAP	PA	04/08/2009
EPA 6010	C	Metals by ICP/AES	NELAP	PA	03/16/2009
EPA 6010	D	Metals by ICP/AES	NELAP	PA	06/05/2019
EPA 6010	B, C, D	Aluminum	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Antimony	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Arsenic	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Barium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Beryllium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Boron	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Cadmium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Calcium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Chromium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Cobalt	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Copper	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Iron	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Lead	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Lithium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Magnesium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Manganese	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Molybdenum	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Nickel	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Potassium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Selenium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Silica, as SiO ₂	NELAP	PA	04/18/2006
EPA 6010	B, C, D	Silicon	NELAP	PA	06/03/2010
EPA 6010	B, C, D	Silver	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Sodium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Strontium	NELAP	PA	08/26/2006

Christina Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 6010	B, C, D	Thallium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Tin	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Titanium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Vanadium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Zinc	NELAP	PA	08/26/2006
EPA 6020	A	Metals by ICP/MS	NELAP	PA	03/16/2009
EPA 6020	B	Metals by ICP/MS	NELAP	PA	06/05/2019
EPA 6020		Metals by ICP/MS	NELAP	PA	07/26/2019
EPA 6020	A, B	Aluminum	NELAP	PA	08/26/2006
EPA 6020	A, B	Antimony	NELAP	PA	08/26/2006
EPA 6020	A, B	Arsenic	NELAP	PA	03/21/2012
EPA 6020	A, B	Barium	NELAP	PA	08/26/2006
EPA 6020	A, B	Beryllium	NELAP	PA	08/26/2006
EPA 6020	A, B	Boron	NELAP	PA	08/26/2006
EPA 6020	A, B	Cadmium	NELAP	PA	08/26/2006
EPA 6020	A, B	Calcium	NELAP	PA	08/26/2006
EPA 6020	A, B	Chromium	NELAP	PA	08/26/2006
EPA 6020	A, B	Cobalt	NELAP	PA	08/26/2006
EPA 6020	A, B	Copper	NELAP	PA	11/15/2011
EPA 6020	A, B	Iron	NELAP	PA	08/26/2006
EPA 6020	A, B	Lead	NELAP	PA	08/26/2006
EPA 6020	A, B	Lithium	NELAP	PA	03/24/2017
EPA 6020	A, B	Magnesium	NELAP	PA	08/26/2006
EPA 6020	A, B	Manganese	NELAP	PA	01/22/2007
EPA 6020	A, B	Molybdenum	NELAP	PA	08/26/2006
EPA 6020	A, B	Nickel	NELAP	PA	08/26/2006
EPA 6020	A, B	Phosphorus, total	NELAP	PA	04/19/2018
EPA 6020	A, B	Potassium	NELAP	PA	08/26/2006
EPA 6020	A, B	Selenium	NELAP	PA	08/26/2006
EPA 6020	A, B	Silica, as SiO2	NELAP	PA	04/18/2006
EPA 6020	A, B	Silicon	NELAP	PA	06/03/2010
EPA 6020	A, B	Silver	NELAP	PA	08/26/2006
EPA 6020	A, B	Sodium	NELAP	PA	08/26/2006
EPA 6020	A, B	Strontium	NELAP	PA	08/26/2006
EPA 6020	A, B	Thallium	NELAP	PA	08/26/2006
EPA 6020	A, B	Thorium	NELAP	PA	03/24/2017
EPA 6020	A, B	Tin	NELAP	PA	08/26/2006
EPA 6020	A, B	Titanium	NELAP	PA	08/26/2006
EPA 6020	A, B	Uranium (mass)	NELAP	PA	03/24/2017
EPA 6020	A, B	Vanadium	NELAP	PA	08/26/2006
EPA 6020	A, B	Zinc	NELAP	PA	08/26/2006
EPA 608		4,4'-DDD	NELAP	PA	04/07/2005

Annex B

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized Accreditation Body. Customers are urged to verify the laboratory's current accreditation standing.

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 608		4,4'-DDE	NELAP	PA	04/07/2005
EPA 608		4,4'-DDT	NELAP	PA	04/07/2005
EPA 608		Aldrin (HHDN)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1016 (PCB-1016)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1221 (PCB-1221)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1232 (PCB-1232)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1242 (PCB-1242)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1248 (PCB-1248)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1254 (PCB-1254)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1260 (PCB-1260)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1262 (PCB-1262)	NELAP	PA	04/08/2009
EPA 608		Aroclor-1268 (PCB-1268)	NELAP	PA	04/08/2009
EPA 608		Chlordane (tech.)	NELAP	PA	04/07/2005
EPA 608		Dieldrin	NELAP	PA	04/07/2005
EPA 608		Endosulfan I	NELAP	PA	04/07/2005
EPA 608		Endosulfan II	NELAP	PA	04/07/2005
EPA 608		Endosulfan sulfate	NELAP	PA	04/07/2005
EPA 608		Endrin	NELAP	PA	04/07/2005
EPA 608		Endrin aldehyde	NELAP	PA	11/07/2006
EPA 608		Endrin ketone	NELAP	PA	03/01/2007
EPA 608		Heptachlor	NELAP	PA	04/07/2005
EPA 608		Heptachlor epoxide	NELAP	PA	04/07/2005
EPA 608		Methoxychlor	NELAP	PA	04/18/2006
EPA 608		Toxaphene (Chlorinated camphene)	NELAP	PA	04/07/2005
EPA 608		alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 608		alpha-Chlordane	NELAP	PA	04/18/2006
EPA 608		beta-BHC (beta-Hexachlorocyclohexane)	NELAP	PA	11/04/2016
EPA 608		delta-BHC (delta-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 608		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 608		gamma-Chlordane	NELAP	PA	04/18/2006
EPA 608.3		4,4'-DDD	NELAP	PA	04/19/2018
EPA 608.3		4,4'-DDE	NELAP	PA	04/19/2018
EPA 608.3		4,4'-DDT	NELAP	PA	04/19/2018
EPA 608.3		Aldrin (HHDN)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1016 (PCB-1016)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1221 (PCB-1221)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1232 (PCB-1232)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1242 (PCB-1242)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1248 (PCB-1248)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1254 (PCB-1254)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1260 (PCB-1260)	NELAP	PA	04/19/2018

Ammer Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 608.3		Chlordane (tech.)	NELAP	PA	12/30/2019
EPA 608.3		Dieldrin	NELAP	PA	04/19/2018
EPA 608.3		Endosulfan I	NELAP	PA	04/19/2018
EPA 608.3		Endosulfan II	NELAP	PA	04/19/2018
EPA 608.3		Endosulfan sulfate	NELAP	PA	04/19/2018
EPA 608.3		Endrin	NELAP	PA	04/19/2018
EPA 608.3		Endrin aldehyde	NELAP	PA	04/19/2018
EPA 608.3		Endrin ketone	NELAP	PA	04/19/2018
EPA 608.3		Heptachlor	NELAP	PA	04/19/2018
EPA 608.3		Heptachlor epoxide	NELAP	PA	04/19/2018
EPA 608.3		Methoxychlor	NELAP	PA	04/19/2018
EPA 608.3		Toxaphene (Chlorinated camphene)	NELAP	PA	04/19/2018
EPA 608.3		alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	PA	04/19/2018
EPA 608.3		alpha-Chlordane	NELAP	PA	04/19/2018
EPA 608.3		beta-BHC (beta-Hexachlorocyclohexane)	NELAP	PA	04/19/2018
EPA 608.3		delta-BHC (delta-Hexachlorocyclohexane)	NELAP	PA	04/19/2018
EPA 608.3		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	PA	04/19/2018
EPA 608.3		gamma-Chlordane	NELAP	PA	04/19/2018
EPA 624		1,1,1-Trichloroethane	NELAP	PA	04/07/2005
EPA 624		1,1,2,2-Tetrachloroethane	NELAP	PA	04/07/2005
EPA 624		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	PA	04/08/2009
EPA 624		1,1,2-Trichloroethane	NELAP	PA	04/07/2005
EPA 624		1,1-Dichloroethane	NELAP	PA	04/07/2005
EPA 624		1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	PA	04/07/2005
EPA 624		1,1-Dichloropropene	NELAP	PA	04/08/2009
EPA 624		1,2,3-Trichlorobenzene	NELAP	PA	04/08/2009
EPA 624		1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	PA	04/08/2009
EPA 624		1,2,4-Trichlorobenzene	NELAP	PA	04/08/2009
EPA 624		1,2,4-Trimethylbenzene	NELAP	PA	11/21/2018
EPA 624		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	04/08/2009
EPA 624		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	04/08/2009
EPA 624		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 624		1,2-Dichloroethane	NELAP	PA	04/07/2005
EPA 624		1,2-Dichloropropane	NELAP	PA	04/07/2005
EPA 624		1,3,5-Trichlorobenzene	NELAP	PA	04/08/2009
EPA 624		1,3,5-Trimethylbenzene	NELAP	PA	11/21/2018
EPA 624		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 624		1,3-Dichloropropane	NELAP	PA	04/08/2009
EPA 624		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 624		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	04/08/2009

Annamaria Beach

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301 Alpha Drive
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(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 624		2,2-Dichloropropane	NELAP	PA	04/08/2009
EPA 624		2-Butanone (Methyl ethyl ketone, MEK)	NELAP	PA	03/01/2007
EPA 624		2-Chloroethyl vinyl ether	NELAP	PA	04/07/2005
EPA 624		2-Hexanone	NELAP	PA	04/08/2008
EPA 624		4-Chlorotoluene	NELAP	PA	04/08/2009
EPA 624		4-Methyl-2-pentanone (MIBK)	NELAP	PA	04/08/2008
EPA 624		Acetone	NELAP	PA	04/08/2008
EPA 624		Acetonitrile	NELAP	PA	04/08/2009
EPA 624		Acrolein (Propenal)	NELAP	PA	04/07/2005
EPA 624		Acrylonitrile	NELAP	PA	04/07/2005
EPA 624		Benzene	NELAP	PA	04/07/2005
EPA 624		Bromobenzene	NELAP	PA	04/08/2009
EPA 624		Bromochloromethane	NELAP	PA	03/01/2007
EPA 624		Bromodichloromethane	NELAP	PA	04/07/2005
EPA 624		Bromoform	NELAP	PA	04/07/2005
EPA 624		Carbon disulfide	NELAP	PA	04/08/2009
EPA 624		Carbon tetrachloride	NELAP	PA	04/07/2005
EPA 624		Chlorobenzene	NELAP	PA	04/07/2005
EPA 624		Chloroethane	NELAP	PA	04/07/2005
EPA 624		Chloroform	NELAP	PA	04/07/2005
EPA 624		Cyclohexane	NELAP	PA	04/08/2009
EPA 624		Dibromochloromethane	NELAP	PA	04/07/2005
EPA 624		Dibromomethane	NELAP	PA	04/08/2009
EPA 624		Dichlorodifluoromethane (Freon 12)	NELAP	PA	04/08/2009
EPA 624		Ethyl methacrylate	NELAP	PA	04/08/2009
EPA 624		Ethylbenzene	NELAP	PA	04/07/2005
EPA 624		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	04/08/2009
EPA 624		Iodomethane (Methyl iodide)	NELAP	PA	04/08/2009
EPA 624		Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	PA	04/08/2009
EPA 624		Isopropylbenzene (Cumene)	NELAP	PA	04/08/2009
EPA 624		Methacrylonitrile	NELAP	PA	04/08/2009
EPA 624		Methyl acetate	NELAP	PA	04/08/2009
EPA 624		Methyl bromide (Bromomethane)	NELAP	PA	11/07/2006
EPA 624		Methyl chloride (Chloromethane)	NELAP	PA	04/07/2005
EPA 624		Methyl tert-butyl ether (MTBE)	NELAP	PA	04/08/2008
EPA 624		Methylcyclohexane	NELAP	PA	04/08/2009
EPA 624		Methylene chloride (Dichloromethane)	NELAP	PA	04/07/2005
EPA 624		Methylmethacrylate	NELAP	PA	04/08/2009
EPA 624		Naphthalene	NELAP	PA	12/22/2020
EPA 624		Propionitrile (Ethyl cyanide)	NELAP	PA	04/08/2009
EPA 624		Styrene	NELAP	PA	04/08/2009
EPA 624		Tetrachloroethene (PCE, Perchloroethylene)	NELAP	PA	04/07/2005

Annmarie Beach

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Attached to Certificate of Accreditation 018-001 expiration date 04/30/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 624		Toluene	NELAP	PA	04/07/2005
EPA 624		Trichloroethene (TCE, Trichloroethylene)	NELAP	PA	04/07/2005
EPA 624		Trichlorofluoromethane (Freon 11)	NELAP	PA	04/07/2005
EPA 624		Vinyl acetate	NELAP	PA	04/08/2009
EPA 624		Vinyl chloride (Chloroethene)	NELAP	PA	04/07/2005
EPA 624		Xylenes, total	NELAP	PA	04/07/2005
EPA 624		cis-1,2-Dichloroethene	NELAP	PA	04/08/2009
EPA 624		cis-1,3-Dichloropropene	NELAP	PA	04/07/2005
EPA 624		m+p-Xylene	NELAP	PA	08/24/2005
EPA 624		n-Butylbenzene	NELAP	PA	04/08/2009
EPA 624		n-Hexane	NELAP	PA	04/20/2011
EPA 624		n-Propylbenzene	NELAP	PA	04/08/2009
EPA 624		o-Xylene	NELAP	PA	08/24/2005
EPA 624		p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	04/08/2009
EPA 624		sec-Butylbenzene	NELAP	PA	04/08/2009
EPA 624		tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	04/08/2009
EPA 624		tert-Butylbenzene	NELAP	PA	04/08/2009
EPA 624		trans-1,2-Dichloroethene	NELAP	PA	04/07/2005
EPA 624		trans-1,3-Dichloropropene	NELAP	PA	04/07/2005
EPA 624		trans-1,4-Dichloro-2-butene	NELAP	PA	04/08/2009
EPA 624.1		1,1,1,2-Tetrachloroethane	NELAP	PA	04/19/2018
EPA 624.1		1,1,1-Trichloroethane	NELAP	PA	04/19/2018
EPA 624.1		1,1,2,2-Tetrachloroethane	NELAP	PA	04/19/2018
EPA 624.1		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	PA	04/19/2018
EPA 624.1		1,1,2-Trichloroethane	NELAP	PA	04/19/2018
EPA 624.1		1,1-Dichloroethane	NELAP	PA	04/19/2018
EPA 624.1		1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	PA	04/19/2018
EPA 624.1		1,1-Dichloropropene	NELAP	PA	04/19/2018
EPA 624.1		1,2,3-Trichlorobenzene	NELAP	PA	04/19/2018
EPA 624.1		1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	PA	04/19/2018
EPA 624.1		1,2,4-Trichlorobenzene	NELAP	PA	04/19/2018
EPA 624.1		1,2,4-Trimethylbenzene	NELAP	PA	11/21/2018
EPA 624.1		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	04/19/2018
EPA 624.1		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	04/19/2018
EPA 624.1		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 624.1		1,2-Dichloroethane	NELAP	PA	04/19/2018
EPA 624.1		1,2-Dichloroethene (total)	NELAP	PA	04/19/2018
EPA 624.1		1,2-Dichloropropane	NELAP	PA	04/19/2018
EPA 624.1		1,3,5-Trimethylbenzene	NELAP	PA	11/21/2018
EPA 624.1		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 624.1		1,3-Dichloropropane	NELAP	PA	04/19/2018

Annex B

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 624.1		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 624.1		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	04/19/2018
EPA 624.1		2,2-Dichloropropane	NELAP	PA	04/19/2018
EPA 624.1		2-Butanone (Methyl ethyl ketone, MEK)	NELAP	PA	04/19/2018
EPA 624.1		2-Chloroethyl vinyl ether	NELAP	PA	04/19/2018
EPA 624.1		2-Chlorotoluene	NELAP	PA	04/19/2018
EPA 624.1		2-Hexanone	NELAP	PA	04/19/2018
EPA 624.1		4-Chlorotoluene	NELAP	PA	04/19/2018
EPA 624.1		4-Methyl-2-pentanone (MIBK)	NELAP	PA	04/19/2018
EPA 624.1		Acetone	NELAP	PA	04/19/2018
EPA 624.1		Acrolein (Propenal)	NELAP	PA	04/19/2018
EPA 624.1		Acrylonitrile	NELAP	PA	04/19/2018
EPA 624.1		Allyl chloride (3-Chloropropene)	NELAP	PA	04/19/2018
EPA 624.1		Benzene	NELAP	PA	04/19/2018
EPA 624.1		Bromobenzene	NELAP	PA	04/19/2018
EPA 624.1		Bromochloromethane	NELAP	PA	04/19/2018
EPA 624.1		Bromodichloromethane	NELAP	PA	04/19/2018
EPA 624.1		Bromoform	NELAP	PA	04/19/2018
EPA 624.1		Carbon disulfide	NELAP	PA	04/19/2018
EPA 624.1		Carbon tetrachloride	NELAP	PA	04/19/2018
EPA 624.1		Chlorobenzene	NELAP	PA	04/19/2018
EPA 624.1		Chloroethane	NELAP	PA	04/19/2018
EPA 624.1		Chloroform	NELAP	PA	04/19/2018
EPA 624.1		Cyclohexane	NELAP	PA	04/19/2018
EPA 624.1		Dibromochloromethane	NELAP	PA	04/19/2018
EPA 624.1		Dibromomethane	NELAP	PA	04/19/2018
EPA 624.1		Dichlorodifluoromethane (Freon 12)	NELAP	PA	04/19/2018
EPA 624.1		Dichlorofluoromethane (Freon 21)	NELAP	PA	04/19/2018
EPA 624.1		Diethyl ether (Ethyl ether)	NELAP	PA	04/19/2018
EPA 624.1		Ethyl methacrylate	NELAP	PA	04/19/2018
EPA 624.1		Ethylbenzene	NELAP	PA	04/19/2018
EPA 624.1		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	04/19/2018
EPA 624.1		Iodomethane (Methyl iodide)	NELAP	PA	04/19/2018
EPA 624.1		Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	PA	04/19/2018
EPA 624.1		Isopropylbenzene (Cumene)	NELAP	PA	04/19/2018
EPA 624.1		Methyl acetate	NELAP	PA	04/19/2018
EPA 624.1		Methyl bromide (Bromomethane)	NELAP	PA	04/19/2018
EPA 624.1		Methyl chloride (Chloromethane)	NELAP	PA	04/19/2018
EPA 624.1		Methyl tert-butyl ether (MTBE)	NELAP	PA	04/19/2018
EPA 624.1		Methylcyclohexane	NELAP	PA	04/19/2018
EPA 624.1		Methylene chloride (Dichloromethane)	NELAP	PA	04/19/2018
EPA 624.1		Naphthalene	NELAP	PA	12/22/2020

Ammonia Bleach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 624.1		Styrene	NELAP	PA	04/19/2018
EPA 624.1		Tetrachloroethene (PCE, Perchloroethylene)	NELAP	PA	04/19/2018
EPA 624.1		Tetrahydrofuran (THF)	NELAP	PA	04/19/2018
EPA 624.1		Toluene	NELAP	PA	04/19/2018
EPA 624.1		Trichloroethene (TCE, Trichloroethylene)	NELAP	PA	04/19/2018
EPA 624.1		Trichlorofluoromethane (Freon 11)	NELAP	PA	04/19/2018
EPA 624.1		Vinyl acetate	NELAP	PA	04/19/2018
EPA 624.1		Vinyl chloride (Chloroethene)	NELAP	PA	04/19/2018
EPA 624.1		Xylenes, total	NELAP	PA	04/19/2018
EPA 624.1		cis-1,2-Dichloroethene	NELAP	PA	04/19/2018
EPA 624.1		cis-1,3-Dichloropropene	NELAP	PA	04/19/2018
EPA 624.1		m+p-Xylene	NELAP	PA	04/19/2018
EPA 624.1		n-Butylbenzene	NELAP	PA	04/19/2018
EPA 624.1		n-Hexane	NELAP	PA	04/19/2018
EPA 624.1		n-Propylbenzene	NELAP	PA	04/19/2018
EPA 624.1		o-Xylene	NELAP	PA	04/19/2018
EPA 624.1		p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	04/19/2018
EPA 624.1		sec-Butylbenzene	NELAP	PA	04/19/2018
EPA 624.1		tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	04/19/2018
EPA 624.1		tert-Butylbenzene	NELAP	PA	04/19/2018
EPA 624.1		trans-1,2-Dichloroethene	NELAP	PA	04/19/2018
EPA 624.1		trans-1,3-Dichloropropene	NELAP	PA	04/19/2018
EPA 624.1		trans-1,4-Dichloro-2-butene	NELAP	PA	04/19/2018
EPA 625		1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	PA	04/08/2009
EPA 625		1,2,3,4-Tetrahydronaphthalene	NELAP	PA	04/08/2009
EPA 625		1,2,4,5-Tetrachlorobenzene	NELAP	PA	04/08/2009
EPA 625		1,2,4-Trichlorobenzene	NELAP	PA	04/07/2005
EPA 625		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 625		1,2-Diphenylhydrazine	NELAP	PA	04/08/2009
EPA 625		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 625		1,3-Dinitrobenzene (1,3-DNB)	NELAP	PA	04/08/2009
EPA 625		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 625		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	04/08/2009
EPA 625		1-Methylnaphthalene	NELAP	PA	04/08/2009
EPA 625		2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	NELAP	PA	04/08/2009
EPA 625		2,2'-oxybis(1-Chloropropane)	NELAP	PA	04/07/2005
EPA 625		2,3,4,6-Tetrachlorophenol	NELAP	PA	04/08/2009
EPA 625		2,3,5,6-Tetrachlorophenol	NELAP	PA	04/08/2009
EPA 625		2,3-Dichloroaniline	NELAP	PA	04/08/2009
EPA 625		2,4,5-Trichlorophenol	NELAP	PA	08/24/2005
EPA 625		2,4,6-Trichlorophenol	NELAP	PA	04/07/2005

Ammonia Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625		2,4-Dichlorophenol	NELAP	PA	04/07/2005
EPA 625		2,4-Dimethylphenol	NELAP	PA	04/07/2005
EPA 625		2,4-Dinitrophenol	NELAP	PA	04/07/2005
EPA 625		2,4-Dinitrotoluene (2,4-DNT)	NELAP	PA	04/07/2005
EPA 625		2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	04/08/2009
EPA 625		2-Bromonaphthalene	NELAP	PA	04/08/2009
EPA 625		2-Chloronaphthalene	NELAP	PA	04/07/2005
EPA 625		2-Chlorophenol	NELAP	PA	04/07/2005
EPA 625		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	PA	04/07/2005
EPA 625		2-Methylnaphthalene	NELAP	PA	08/24/2005
EPA 625		2-Methylphenol (o-Cresol)	NELAP	PA	04/18/2006
EPA 625		2-Nitroaniline	NELAP	PA	04/18/2006
EPA 625		2-Nitrophenol	NELAP	PA	04/07/2005
EPA 625		3+4-Methylphenol (m+p-Cresol)	NELAP	PA	03/01/2007
EPA 625		3,3'-Dichlorobenzidine	NELAP	PA	04/07/2005
EPA 625		3-Chloroaniline	NELAP	PA	04/08/2009
EPA 625		3-Nitroaniline	NELAP	PA	04/18/2006
EPA 625		4,4'-Methylenbis(2-chloroaniline)	NELAP	PA	04/08/2009
EPA 625		4-Bromophenyl phenyl ether	NELAP	PA	04/07/2005
EPA 625		4-Chloro-3-methylphenol	NELAP	PA	04/07/2005
EPA 625		4-Chloroaniline	NELAP	PA	04/08/2009
EPA 625		4-Chlorophenyl phenyl ether	NELAP	PA	04/07/2005
EPA 625		4-Nitroaniline	NELAP	PA	04/18/2006
EPA 625		4-Nitrophenol	NELAP	PA	04/07/2005
EPA 625		6-Methylchrysene	NELAP	PA	04/08/2009
EPA 625		Acenaphthene	NELAP	PA	04/07/2005
EPA 625		Acenaphthylene	NELAP	PA	10/27/2010
EPA 625		Acetophenone	NELAP	PA	08/24/2005
EPA 625		Acrylamide	NELAP	PA	11/21/2018
EPA 625		Aniline	NELAP	PA	08/24/2005
EPA 625		Anthracene	NELAP	PA	04/07/2005
EPA 625		Aramite	NELAP	PA	04/08/2009
EPA 625		Atrazine	NELAP	PA	04/08/2009
EPA 625		Benzaldehyde	NELAP	PA	04/08/2009
EPA 625		Benzidine	NELAP	PA	04/07/2005
EPA 625		Benzo[a]anthracene	NELAP	PA	04/07/2005
EPA 625		Benzo[a]pyrene	NELAP	PA	04/07/2005
EPA 625		Benzo[b]fluoranthene	NELAP	PA	11/15/2011
EPA 625		Benzo[gh]perylene	NELAP	PA	04/07/2005
EPA 625		Benzo[k]fluoranthene	NELAP	PA	11/15/2011
EPA 625		Benzoic acid	NELAP	PA	04/08/2009

Annmarie Black

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625		Benzotrichloride	NELAP	PA	04/08/2009
EPA 625		Benzyl alcohol	NELAP	PA	04/08/2009
EPA 625		Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	PA	04/07/2005
EPA 625		Caprotactam	NELAP	PA	04/08/2009
EPA 625		Carbaryl (Sevin)	NELAP	PA	04/08/2009
EPA 625		Carbazole	NELAP	PA	04/08/2009
EPA 625		Chrysene (Benzo[a]phenanthrene)	NELAP	PA	04/07/2005
EPA 625		Cresols (total)	NELAP	PA	04/18/2006
EPA 625		Di-n-butyl phthalate	NELAP	PA	04/07/2005
EPA 625		Di-n-octyl phthalate	NELAP	PA	11/15/2011
EPA 625		Diallate (cis or trans)	NELAP	PA	04/08/2009
EPA 625		Dibenz[a,h]acridine	NELAP	PA	04/08/2009
EPA 625		Dibenzo[a,h]anthracene	NELAP	PA	04/07/2005
EPA 625		Dibenzofuran	NELAP	PA	04/08/2009
EPA 625		Diethyl phthalate	NELAP	PA	04/07/2005
EPA 625		Dimethoate	NELAP	PA	04/08/2009
EPA 625		Dimethyl phthalate	NELAP	PA	04/07/2005
EPA 625		Fluoranthene	NELAP	PA	04/07/2005
EPA 625		Fluorene	NELAP	PA	04/07/2005
EPA 625		Hexachlorobenzene	NELAP	PA	04/07/2005
EPA 625		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	04/07/2005
EPA 625		Hexachlorocyclopentadiene	NELAP	PA	04/07/2005
EPA 625		Hexachloroethane	NELAP	PA	04/07/2005
EPA 625		Indeno(1,2,3-cd)pyrene	NELAP	PA	04/07/2005
EPA 625		Isodrin	NELAP	PA	04/08/2009
EPA 625		Isophorone	NELAP	PA	04/07/2005
EPA 625		Kepone	NELAP	PA	04/08/2009
EPA 625		Methyl parathion (Parathion, methyl)	NELAP	PA	04/08/2009
EPA 625		N-Nitrosodi-n-propylamine	NELAP	PA	04/07/2005
EPA 625		N-Nitrosod ethylamine	NELAP	PA	04/08/2009
EPA 625		N-Nitrosodimethylamine	NELAP	PA	04/07/2005
EPA 625		N-Nitrosodiphenylamine	NELAP	PA	04/07/2005
EPA 625		Naphthalene	NELAP	PA	04/07/2005
EPA 625		Nitrobenzene	NELAP	PA	04/07/2005
EPA 625		Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	04/08/2009
EPA 625		Pentachlorobenzene	NELAP	PA	04/08/2009
EPA 625		Pentachlorophenol (PCP)	NELAP	PA	04/07/2005
EPA 625		Phenanthrene	NELAP	PA	04/07/2005
EPA 625		Phenol	NELAP	PA	04/07/2005
EPA 625		Pyrene	NELAP	PA	04/07/2005
EPA 625		Pyridine	NELAP	PA	04/08/2009
EPA 625		bis(2-Chloroethoxy)methane	NELAP	PA	04/07/2005

Annamarie Bloch

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 825		bis(2-Chloroethyl) ether	NELAP	PA	04/07/2005
EPA 825		bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	PA	04/07/2005
EPA 825		n-Octadecane	NELAP	PA	04/08/2009
EPA 825		o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	PA	04/08/2009
EPA 625.1		1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	PA	04/19/2018
EPA 625.1		1,2,4,5-Tetrachlorobenzene	NELAP	PA	04/19/2018
EPA 625.1		1,2,4-Trichlorobenzene	NELAP	PA	04/19/2018
EPA 625.1		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	04/19/2018
EPA 625.1		1,2-Diphenylhydrazine	NELAP	PA	04/19/2018
EPA 625.1		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	04/19/2018
EPA 625.1		1,3-Dinitrobenzene (1,3-DNB)	NELAP	PA	04/19/2018
EPA 625.1		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	04/19/2018
EPA 625.1		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	04/19/2018
EPA 625.1		1-Methylnaphthalene	NELAP	PA	04/19/2018
EPA 625.1		2,2'-oxybis(1-Chloropropane)	NELAP	PA	04/19/2018
EPA 625.1		2,3,4,6-Tetrachlorophenol	NELAP	PA	04/19/2018
EPA 625.1		2,4,5-Trichlorophenol	NELAP	PA	04/19/2018
EPA 625.1		2,4,6-Trichlorophenol	NELAP	PA	04/19/2018
EPA 625.1		2,4-Dichlorophenol	NELAP	PA	04/19/2018
EPA 625.1		2,4-Dimethylphenol	NELAP	PA	04/19/2018
EPA 625.1		2,4-Dinitrophenol	NELAP	PA	04/19/2018
EPA 625.1		2,4-Dinitrotoluene (2,4-DNT)	NELAP	PA	04/19/2018
EPA 625.1		2,6-Dichlorophenol	NELAP	PA	04/19/2018
EPA 625.1		2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	04/19/2018
EPA 625.1		2-Chloronaphthalene	NELAP	PA	04/19/2018
EPA 625.1		2-Chlorophenol	NELAP	PA	04/19/2018
EPA 625.1		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	PA	04/19/2018
EPA 625.1		2-Methylnaphthalene	NELAP	PA	04/19/2018
EPA 625.1		2-Methylphenol (o-Cresol)	NELAP	PA	04/19/2018
EPA 625.1		2-Nitroaniline	NELAP	PA	04/19/2018
EPA 625.1		2-Nitrophenol	NELAP	PA	04/19/2018
EPA 625.1		3+4-Methylphenol (m+p-Cresol)	NELAP	PA	04/19/2018
EPA 625.1		3,3'-Dichlorobenzidine	NELAP	PA	04/19/2018
EPA 625.1		3-Nitroaniline	NELAP	PA	04/19/2018
EPA 625.1		4-Bromophenyl phenyl ether	NELAP	PA	04/19/2018
EPA 625.1		4-Chloro-3-methylphenol	NELAP	PA	04/19/2018
EPA 625.1		4-Chloroaniline	NELAP	PA	04/19/2018
EPA 625.1		4-Chlorophenyl phenyl ether	NELAP	PA	04/19/2018
EPA 625.1		4-Nitroaniline	NELAP	PA	04/19/2018
EPA 625.1		4-Nitrophenol	NELAP	PA	04/19/2018
EPA 625.1		Acenaphthene	NELAP	PA	04/19/2018

Annmarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625.1		Acenaphthylene	NELAP	PA	04/19/2018
EPA 625.1		Acetophenone	NELAP	PA	04/19/2018
EPA 625.1		Acrylamide	NELAP	PA	11/21/2018
EPA 625.1		Aniline	NELAP	PA	04/19/2018
EPA 625.1		Anthracene	NELAP	PA	04/19/2018
EPA 625.1		Atrazine	NELAP	PA	04/19/2018
EPA 625.1		Benzaldehyde	NELAP	PA	04/19/2018
EPA 625.1		Benzidine	NELAP	PA	04/19/2018
EPA 625.1		Benzo[a]anthracene	NELAP	PA	04/19/2018
EPA 625.1		Benzo[a]pyrene	NELAP	PA	04/19/2018
EPA 625.1		Benzo[b]fluoranthene	NELAP	PA	04/19/2018
EPA 625.1		Benzo[ghi]perylene	NELAP	PA	04/19/2018
EPA 625.1		Benzo[k]fluoranthene	NELAP	PA	04/19/2018
EPA 625.1		Benzoic acid	NELAP	PA	04/19/2018
EPA 625.1		Benzyl alcohol	NELAP	PA	04/19/2018
EPA 625.1		Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	PA	04/19/2018
EPA 625.1		Caprolactam	NELAP	PA	04/19/2018
EPA 625.1		Carbazole	NELAP	PA	04/19/2018
EPA 625.1		Chrysene (Benzo[a]phenanthrene)	NELAP	PA	04/19/2018
EPA 625.1		Cresols (total)	NELAP	PA	04/19/2018
EPA 625.1		Di-n-butyl phthalate	NELAP	PA	04/19/2018
EPA 625.1		Di-n-octyl phthalate	NELAP	PA	04/19/2018
EPA 625.1		Dibenzo[a,h]anthracene	NELAP	PA	04/19/2018
EPA 625.1		Dibenzofuran	NELAP	PA	04/19/2018
EPA 625.1		Diethyl phthalate	NELAP	PA	04/19/2018
EPA 625.1		Dimethyl phthalate	NELAP	PA	04/19/2018
EPA 625.1		Fluoranthene	NELAP	PA	04/19/2018
EPA 625.1		Fluorene	NELAP	PA	04/19/2018
EPA 625.1		Hexachlorobenzene	NELAP	PA	04/19/2018
EPA 625.1		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	04/19/2018
EPA 625.1		Hexachlorocyclopentadiene	NELAP	PA	04/19/2018
EPA 625.1		Hexachloroethane	NELAP	PA	04/19/2018
EPA 625.1		Indeno(1,2,3-cd)pyrene	NELAP	PA	04/19/2018
EPA 625.1		Isophorone	NELAP	PA	04/19/2018
EPA 625.1		N-Nitrosodi-n-propylamine	NELAP	PA	04/19/2018
EPA 625.1		N-Nitrosodimethylamine	NELAP	PA	04/19/2018
EPA 625.1		N-Nitrosodiphenylamine	NELAP	PA	04/19/2018
EPA 625.1		Naphthalene	NELAP	PA	04/19/2018
EPA 625.1		Nitrobenzene	NELAP	PA	04/19/2018
EPA 625.1		Pentachlorophenol (PCP)	NELAP	PA	04/19/2018
EPA 625.1		Phenanthrene	NELAP	PA	04/19/2018
EPA 625.1		Phenol	NELAP	PA	04/19/2018

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625.1		Pyrene	NELAP	PA	04/19/2018
EPA 625.1		Pyridine	NELAP	PA	04/19/2018
EPA 625.1		bis(2-Chloroethoxy)methane	NELAP	PA	04/19/2018
EPA 625.1		bis(2-Chloroethyl) ether	NELAP	PA	04/19/2018
EPA 625.1		bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	PA	04/19/2018
EPA 625.1		n-Decane	NELAP	PA	04/19/2018
EPA 625.1		n-Hexadecane	NELAP	PA	04/19/2018
EPA 625.1		n-Octadecane	NELAP	PA	04/19/2018
EPA 7196	A	Chromium VI	NELAP	PA	08/26/2006
EPA 7470	A	Mercury	NELAP	PA	08/26/2006
EPA 8011		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	04/18/2006
EPA 8011		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	04/18/2006
EPA 8081	A	Organochlorine pesticides by GC/ECD	NELAP	PA	04/08/2009
EPA 8081	B	Organochlorine pesticides by GC/ECD	NELAP	PA	01/01/2013
EPA 8081	A, B	2,4'-DDD	NELAP	PA	04/18/2006
EPA 8081	A, B	2,4'-DDE	NELAP	PA	04/18/2006
EPA 8081	A, B	2,4'-DDT	NELAP	PA	04/18/2006
EPA 8081	A, B	4,4'-DDD	NELAP	PA	08/26/2006
EPA 8081	A, B	4,4'-DDE	NELAP	PA	08/26/2006
EPA 8081	A, B	4,4'-DDT	NELAP	PA	08/26/2006
EPA 8081	A, B	Aldrin (HHDN)	NELAP	PA	08/26/2006
EPA 8081	A, B	Chlorbenseide	NELAP	PA	04/18/2006
EPA 8081	A, B	Chlordane (tech.)	NELAP	PA	08/26/2006
EPA 8081	A, B	Dacthal (DCPA)	NELAP	PA	08/26/2006
EPA 8081	A, B	Diallate (cis or trans)	NELAP	PA	08/26/2006
EPA 8081	A, B	Dieldrin	NELAP	PA	08/26/2006
EPA 8081	A, B	Endosulfan I	NELAP	PA	08/26/2006
EPA 8081	A, B	Endosulfan II	NELAP	PA	08/26/2006
EPA 8081	A, B	Endosulfan sulfate	NELAP	PA	08/26/2006
EPA 8081	A, B	Endrin	NELAP	PA	08/26/2006
EPA 8081	A, B	Endrin aldehyde	NELAP	PA	11/07/2006
EPA 8081	A, B	Endrin ketone	NELAP	PA	01/06/2006
EPA 8081	A, B	Heptachlor	NELAP	PA	08/26/2006
EPA 8081	A, B	Heptachlor epoxide	NELAP	PA	08/26/2006
EPA 8081	A, B	Hexachlorobenzene	NELAP	PA	05/20/2011
EPA 8081	A, B	Isodrin	NELAP	PA	08/26/2006
EPA 8081	A, B	Methoxychlor	NELAP	PA	01/06/2006
EPA 8081	A, B	Mirex	NELAP	PA	08/26/2006
EPA 8081	A, B	Oxychlordane	NELAP	PA	04/08/2009
EPA 8081	A, B	Toxaphene (Chlorinated camphene)	NELAP	PA	08/26/2006
EPA 8081	A, B	alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	PA	08/26/2006

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8081	A, B	alpha-Chlordane	NELAP	PA	01/06/2006
EPA 8081	A, B	beta-BHC (beta-Hexachlorocyclohexane)	NELAP	PA	11/04/2016
EPA 8081	A, B	cis-Nonachlor	NELAP	PA	04/18/2006
EPA 8081	A, B	delta-BHC (delta-Hexachlorocyclohexane)	NELAP	PA	08/26/2006
EPA 8081	A, B	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	PA	08/26/2006
EPA 8081	A, B	gamma-Chlordane	NELAP	PA	01/06/2006
EPA 8081	A, B	trans-Nonachlor	NELAP	PA	04/18/2006
EPA 8082	A	PCBs by GC/ECD	NELAP	PA	04/08/2009
EPA 8082		PCBs by GC/ECD	NELAP	PA	07/26/2019
EPA 8082	A	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ 206)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	NELAP	PA	04/13/2009
EPA 8082	A	2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,3',4,4',5'-Hexachlorobiphenyl (BZ 128)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	NELAP	PA	04/13/2009
EPA 8082	A	2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',5-Trichlorobiphenyl (BZ 18)	NELAP	PA	08/26/2006
EPA 8082	A	2,3',4,4',5'-Pentachlorobiphenyl (BZ 123)	NELAP	PA	04/25/2014
EPA 8082	A	2,3',4,4',5,5'-Hexachlorobiphenyl (BZ 167)	NELAP	PA	04/25/2014
EPA 8082	A	2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	NELAP	PA	08/26/2006
EPA 8082	A	2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	NELAP	PA	08/26/2006
EPA 8082	A	2,3,3',4,4',5'-Hexachlorobiphenyl (BZ 157)	NELAP	PA	04/25/2014
EPA 8082	A	2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ 189)	NELAP	PA	04/25/2014
EPA 8082	A	2,3,3',4,4',5-Hexachlorobiphenyl (BZ 156)	NELAP	PA	04/13/2009
EPA 8082	A	2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	NELAP	PA	04/13/2009
EPA 8082	A	2,3,4,4',5-Pentachlorobiphenyl (BZ 114)	NELAP	PA	04/25/2014
EPA 8082	A	2,4-Dichlorobiphenyl (BZ 8)	NELAP	PA	04/13/2009
EPA 8082	A	2,4,4-Trichlorobiphenyl (BZ 28)	NELAP	PA	04/13/2009
EPA 8082	A	3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	NELAP	PA	04/13/2009
EPA 8082	A	3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	NELAP	PA	09/06/2012
EPA 8082	A	3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	NELAP	PA	04/13/2009
EPA 8082	A	3,4,4',5-Tetrachlorobiphenyl (BZ 81)	NELAP	PA	04/25/2014
EPA 8082	A	Aroclor-1016 (PCB-1016)	NELAP	PA	08/26/2006

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8082	A	Aroclor-1221 (PCB-1221)	NELAP	PA	08/26/2006
EPA 8082	A	Aroclor-1232 (PCB-1232)	NELAP	PA	08/26/2006
EPA 8082	A	Aroclor-1242 (PCB-1242)	NELAP	PA	08/26/2006
EPA 8082	A	Aroclor-1248 (PCB-1248)	NELAP	PA	08/26/2006
EPA 8082	A	Aroclor-1254 (PCB-1254)	NELAP	PA	08/26/2006
EPA 8082	A	Aroclor-1260 (PCB-1260)	NELAP	PA	08/26/2006
EPA 8082	A	Aroclor-1262 (PCB-1262)	NELAP	PA	04/08/2008
EPA 8082	A	Aroclor-1268 (PCB-1268)	NELAP	PA	04/08/2008
EPA 8082	A	Decachlorobiphenyl	NELAP	PA	08/26/2006
EPA 8141	A, B	Organophosphorus compounds by GC/NPD	NELAP	PA	04/08/2009
EPA 8141	A, B	Azinphos-methyl (Guthion)	NELAP	PA	08/26/2006
EPA 8141	A, B	Bolstar (Sulprofos)	NELAP	PA	08/26/2006
EPA 8141	A, B	Chlorpyrifos	NELAP	PA	08/26/2006
EPA 8141	A, B	Coumaphos	NELAP	PA	08/26/2006
EPA 8141	A, B	Demeton	NELAP	PA	04/08/2009
EPA 8141	A, B	Demeton-O	NELAP	PA	08/26/2006
EPA 8141	A, B	Demeton-S	NELAP	PA	08/26/2006
EPA 8141	A, B	Diazinon (Spectracide)	NELAP	PA	08/26/2006
EPA 8141	A, B	Dichlorvos (DDVP, Dichlorvos)	NELAP	PA	08/26/2006
EPA 8141	A, B	Dimethoate	NELAP	PA	08/26/2006
EPA 8141	A, B	Disulfoton	NELAP	PA	08/26/2006
EPA 8141	A, B	EPN (Santox)	NELAP	PA	08/26/2006
EPA 8141	A, B	Ethoprop (Prophos)	NELAP	PA	08/26/2006
EPA 8141	A, B	Famphur	NELAP	PA	08/26/2006
EPA 8141	A, B	Fensulfthion	NELAP	PA	08/26/2006
EPA 8141	A, B	Fenthion	NELAP	PA	08/26/2006
EPA 8141	A, B	Malathion	NELAP	PA	08/26/2006
EPA 8141	A, B	Methyl parathion (Parathion, methyl)	NELAP	PA	08/26/2006
EPA 8141	A, B	Mevinphos	NELAP	PA	08/26/2006
EPA 8141	A, B	O,O,O-Triethyl phosphorothioate	NELAP	PA	03/01/2007
EPA 8141	A, B	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	08/26/2006
EPA 8141	A, B	Phorate (Thimet)	NELAP	PA	08/26/2006
EPA 8141	A, B	Ronnel	NELAP	PA	08/26/2006
EPA 8141	A, B	Stirophos (Tetrachlorovinphos)	NELAP	PA	08/26/2006
EPA 8141	A, B	Sulfotepp (Tetraethyl dithiopyrophosphate)	NELAP	PA	08/26/2006
EPA 8141	A, B	Thionazine (Thionazin, Zinophos)	NELAP	PA	08/26/2006
EPA 8141	A, B	Tokuthion (Prothiophos)	NELAP	PA	08/26/2006
EPA 8141	A, B	Trichloronate	NELAP	PA	08/26/2006
EPA 8151	A	Chlorinated herbicides by GC/ECD	NELAP	PA	04/08/2009
EPA 8151	A	2,4,5-T	NELAP	PA	08/26/2006
EPA 8151	A	2,4,5-TP (Silvex)	NELAP	PA	08/26/2006
EPA 8151	A	2,4-D	NELAP	PA	08/26/2006

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301 Alpha Drive
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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8151	A	2,4-DB (Butoxon)	NELAP	PA	08/26/2006
EPA 8151	A	Dalapon (2,2-Dichloropropionic acid)	NELAP	PA	08/26/2006
EPA 8151	A	Dicamba	NELAP	PA	08/26/2006
EPA 8151	A	Dichloroprop (Dichloroprop)	NELAP	PA	08/26/2006
EPA 8151	A	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	PA	08/26/2006
EPA 8151	A	MCPA	NELAP	PA	08/26/2006
EPA 8151	A	MCPPP (Mecoprop)	NELAP	PA	08/26/2006
EPA 8151	A	Pentachlorophenol (PCP)	NELAP	PA	08/26/2006
EPA 8260	B	VOCs by GC/MS	NELAP	PA	04/08/2009
EPA 8260	C	VOCs by GC/MS	NELAP	PA	12/05/2013
EPA 8260	D	VOCs by GC/MS	NELAP	PA	06/05/2019
EPA 8260	B, C, D	1,1,1-Tetrachloroethane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	1,1,1-Trichloroethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,1,2,2-Tetrachloroethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	PA	04/18/2006
EPA 8260	B, C, D	1,1,2-Trichloroethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,1-Dichloroethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,1-Dichloropropene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2,3-Trichlorobenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2,4-Trichlorobenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2,4-Trimethylbenzene	NELAP	PA	11/21/2018
EPA 8260	B, C, D	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	04/18/2006
EPA 8260	B, C, D	1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 8260	B, C, D	1,2-Dichloroethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2-Dichloroethene (total)	NELAP	PA	03/01/2007
EPA 8260	B, C, D	1,2-Dichloropropane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,3,5-Trichlorobenzene	NELAP	PA	04/08/2009
EPA 8260	B, C, D	1,3,5-Trimethylbenzene	NELAP	PA	11/21/2018
EPA 8260	B, C, D	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 8260	B, C, D	1,3-Dichloropropane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 8260	B, C, D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	2,2,4-Trimethylpentane (Iso-octane)	NELAP	PA	12/05/2007
EPA 8260	B, C, D	2,2-Dichloropropane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	2-Butanone (Methyl ethyl ketone, MEK)	NELAP	PA	04/18/2006
EPA 8260	B, C, D	2-Chloroethyl vinyl ether	NELAP	PA	08/26/2006
EPA 8260	B, C, D	2-Chlorotoluene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	2-Hexanone	NELAP	PA	01/06/2006

AnnMarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C, D	4-Chlorotoluene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	4-Methyl-2-pentanone (MIBK)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Acetone	NELAP	PA	01/06/2006
EPA 8260	B, C, D	Acetonitrile	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Acrolein (Propenal)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Acrylonitrile	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Allyl chloride (3-Chloropropene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Benzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Benzyl chloride	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Bromobenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Bromochloromethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Bromodichloromethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Bromoform	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Carbon disulfide	NELAP	PA	01/06/2006
EPA 8260	B, C, D	Carbon tetrachloride	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Chlorobenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Chloroethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Chloroform	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Chloroprene (2-Chloro-1,3-butadiene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Cyclohexane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Dibromochloromethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Dibromomethane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Dichlorodifluoromethane (Freon 12)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Dichlorofluoromethane (Freon 21)	NELAP	PA	04/08/2009
EPA 8260	B, C, D	Diethyl ether (Ethyl ether)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Ethyl acrylate	NELAP	PA	12/05/2007
EPA 8260	B, C, D	Ethyl methacrylate	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Ethylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Heptane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Iodomethane (Methyl iodide)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Isopropyl alcohol (2-Propanol)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Isopropylbenzene (Cumene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methacrylonitrile	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methyl acetate	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Methyl bromide (Bromomethane)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methyl chloride (Chloromethane)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methyl tert-butyl ether (MTBE)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methylcyclohexane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Methylene chloride (Dichloromethane)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methylmethacrylate	NELAP	PA	04/18/2006

Annmarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C, D	Naphthalene	NELAP	PA	12/22/2020
EPA 8260	B, C, D	Propionitrile (Ethyl cyanide)	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Styrene	NELAP	PA	01/06/2006
EPA 8260	B, C, D	Tetrachloroethene (PCE, Perchloroethylene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Tetrahydrofuran (THF)	NELAP	PA	04/22/2010
EPA 8260	B, C, D	Toluene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Trichloroethene (TCE, Trichloroethylene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Trichlorofluoromethane (Freon 11)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Vinyl acetate	NELAP	PA	01/06/2006
EPA 8260	B, C, D	Vinyl chloride (Chloroethene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Xylenes, total	NELAP	PA	03/30/2006
EPA 8260	B, C, D	cis-1,2-Dichloroethene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	cis-1,3-Dichloropropene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	m+p-Xylene	NELAP	PA	08/24/2005
EPA 8260	B, C, D	m-Xylene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	n-Butylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	n-Hexane	NELAP	PA	12/05/2007
EPA 8260	B, C, D	n-Propylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	o-Xylene	NELAP	PA	08/24/2005
EPA 8260	B, C, D	p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	p-Xylene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	sec-Butylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	04/08/2008
EPA 8260	B, C, D	tert-Butylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	trans-1,2-Dichloroethene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	trans-1,3-Dichloropropene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	trans-1,4-Dichloro-2-butene	NELAP	PA	08/26/2006
EPA 8270	C, D	SOCs by GC/MS	NELAP	PA	04/08/2009
EPA 8270	E	SOCs by GC/MS	NELAP	PA	06/05/2019
EPA 8270	C, D, E	1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	1,2,4,5-Tetrachlorobenzene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,2,4-Trichlorobenzene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,2-Dinitrobenzene (1,2-DNB)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,2-Diphenylhydrazine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	1,3,5-Trinitrobenzene (1,3,5-TNB)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,3-Dinitrobenzene (1,3-DNB)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	1,4-Naphthoquinone	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,4-Phenylenediamine	NELAP	PA	12/05/2007

Annex B

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	1-Methylnaphthalene	NELAP	PA	04/08/2009
EPA 8270	C, D, E	1-Naphthylamine (alpha-Naphthylamine)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	2,2'-oxybis(1-Chloropropane)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,3,4,6-Tetrachlorophenol	NELAP	PA	04/18/2006
EPA 8270	C, D, E	2,3,5,6-Tetrachlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,3,7,8-TCDD (Dioxin) (screen)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4,5-Trichlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4,6-Trichlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4-Dichlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4-Dimethylphenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4-Dinitrophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4-Dinitrotoluene (2,4-DNT)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,6-Dichlorophenol	NELAP	PA	04/18/2006
EPA 8270	C, D, E	2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Acetylaminofluorene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Chloronaphthalene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Chlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	2-Methylnaphthalene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Methylphenol (o-Cresol)	NELAP	PA	01/06/2006
EPA 8270	C, D, E	2-Naphthylamine (beta-Naphthylamine)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Nitroaniline	NELAP	PA	01/06/2006
EPA 8270	C, D, E	2-Nitrophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Picoline (2-Methylpyridine)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	3+4-Methylphenol (m+p-Cresol)	NELAP	PA	01/06/2006
EPA 8270	C, D, E	3,3'-Dichlorobenzidine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	3,3'-Dimethylbenzidine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	3-Methylcholanthrene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	3-Nitroaniline	NELAP	PA	04/18/2006
EPA 8270	C, D, E	4,4'-Methylenebis(2-chloroaniline)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	4-Aminobiphenyl	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Bromophenyl phenyl ether	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Chloro-3-methylphenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Chloroaniline	NELAP	PA	01/06/2006
EPA 8270	C, D, E	4-Chlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Chlorophenyl phenyl ether	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Nitroaniline	NELAP	PA	04/18/2006
EPA 8270	C, D, E	4-Nitrophenol	NELAP	PA	08/26/2006

Annmarie Black

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	4-Nitroquinoline-1-oxide	NELAP	PA	08/26/2006
EPA 8270	C, D, E	5-Nitro-o-toluidine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	6-Methylchrysene	NELAP	PA	12/05/2007
EPA 8270	C, D, E	7,12-Dimethylbenz(a)anthracene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Acenaphthene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Acenaphthylene	NELAP	PA	10/27/2010
EPA 8270	C, D, E	Acetophenone	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Acrylamide	NELAP	PA	11/21/2018
EPA 8270	C, D, E	Aniline	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Anthracene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Aramite	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Atrazine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Benzaldehyde	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzidine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzo(a)anthracene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzo(a)pyrene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzo(b)fluoranthene	NELAP	PA	11/15/2011
EPA 8270	C, D, E	Benzo(g,h,i)perylene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzo(k)fluoranthene	NELAP	PA	11/15/2011
EPA 8270	C, D, E	Benzoic acid	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzyl alcohol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Caprolactam	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Carbazole	NELAP	PA	01/06/2006
EPA 8270	C, D, E	Chlorobenzilate	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Chrysene (Benzo(a)phenanthrene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Cresols (total)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Di-n-butyl phthalate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Di-n-octyl phthalate	NELAP	PA	11/15/2011
EPA 8270	C, D, E	Diallate (cis or trans)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Dibenz(a,h)acridine	NELAP	PA	12/05/2007
EPA 8270	C, D, E	Dibenzo(a,h)anthracene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Dibenzofuran	NELAP	PA	01/06/2006
EPA 8270	C, D, E	Diethyl phthalate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Dimethoate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Dimethyl phthalate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Disulfoton	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Ethyl methanesulfonate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Famphur	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Fluoranthene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Fluorene	NELAP	PA	08/26/2006

Amman Beach

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Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	Hexachlorobenzene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Hexachlorocyclopentadiene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Hexachloroethane	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Hexachloropropene	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Indene	NELAP	PA	04/08/2009
EPA 8270	C, D, E	Indeno(1,2,3-cd)pyrene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Isodrin	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Isophorone	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Isosafrole	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Kepone	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Methapyrilene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Methyl methanesulfonate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Methyl parathion (Parathion, methyl)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	N-Nitrosodi-n-butylamine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	N-Nitrosodi-n-propylamine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosodiethylamine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosodimethylamine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosodiphenylamine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosomethylethylamine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	N-Nitrosomorpholine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosopiperidine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosopyrrolidine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Naphthalene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Nitrobenzene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	O,O,O-Triethyl phosphorothioate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Pentachlorobenzene	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Pentachloroethane	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Pentachloronitrobenzene (PCNB)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Pentachlorophenol (PCP)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Phenacetin	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Phenanthrene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Phenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Phorate (Thimet)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Pronamide (Kerb)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Pyrene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Pyridine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Safrole	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Sulfotepp (Tetraethyl dithiopyrophosphate)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Thionazine (Thionazin, Zinophos)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	bis(2-Chloroethoxy)methane	NELAP	PA	08/26/2006

Annmarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	bis(2-Chloroethyl) ether	NELAP	PA	08/26/2006
EPA 8270	C, D, E	bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	n-Octadecane	NELAP	PA	04/08/2009
EPA 8270	C, D, E	o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	p-(Dimethylamino)azobenzene	NELAP	PA	04/08/2009
EPA 8270	C, D, E	p-Phenylenediamine	NELAP	PA	04/08/2009
EPA 9010	C	Total cyanide	NELAP	PA	03/04/2013
EPA 9014		Total cyanide	NELAP	PA	12/14/2012
EPA 9030	B	Sulfide	NELAP	PA	10/25/2018
EPA 9034		Sulfide	NELAP	PA	10/25/2018
EPA 9040	B	pH	NELAP	PA	04/18/2006
EPA 9040	C	pH	NELAP	PA	08/26/2006
EPA 9050	A	Conductivity	NELAP	PA	03/16/2009
EPA 9056	A	Anions by IC	NELAP	PA	03/16/2009
EPA 9056	A	Bromide	NELAP	PA	08/26/2006
EPA 9056	A	Chloride	NELAP	PA	08/26/2006
EPA 9056	A	Fluoride	NELAP	PA	08/26/2006
EPA 9056	A	Nitrate as N	NELAP	PA	08/26/2006
EPA 9056	A	Nitrite as N	NELAP	PA	08/26/2006
EPA 9056	A	Orthophosphate as P	NELAP	PA	08/26/2006
EPA 9056	A	Sulfate	NELAP	PA	08/26/2006
EPA 9060	A	Total organic carbon (TOC)	NELAP	PA	04/22/2010
EPA 9065		Total phenolics	NELAP	PA	04/08/2008
EPA 9070	A	Non-polar material	NELAP	PA	12/30/2019
EPA 9070	A	Oil and grease	NELAP	PA	04/04/2007
OIA 1677-09		Available cyanide	NELAP	PA	08/24/2005
OIA 1677-09		Free cyanide	NELAP	PA	04/19/2018
SM 2120 B		Color	NELAP	PA	04/10/2007
SM 2310 B		Acidity as CaCO3	NELAP	PA	11/21/2018
SM 2320 B		Alkalinity as CaCO3	NELAP	PA	01/22/2007
SM 2340 C		Total hardness as CaCO3	NELAP	PA	01/22/2007
SM 2510 B		Conductivity	NELAP	PA	04/21/2010
SM 2520 B		Salinity	NELAP	PA	04/08/2008
SM 2540 B		Residue, total	NELAP	PA	04/10/2007
SM 2540 C		Residue, filterable (TDS)	NELAP	PA	10/13/2010
SM 2540 D		Residue, nonfilterable (TSS)	NELAP	PA	04/10/2007
SM 2540 E		Fixed suspended solids	NELAP	PA	04/13/2009
SM 2540 E		Residue, volatile	NELAP	PA	02/03/2016
SM 2540 E		Volatile suspended solids	NELAP	PA	04/13/2009
SM 2540 F		Residue, settleable	NELAP	PA	04/10/2007
SM 2580 B		Oxidation-reduction potential	NELAP	PA	05/04/2009
SM 3500-Cr B	20-22	Chromium VI	NELAP	PA	08/24/2005

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
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(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
SM 4500-CN- C/E		Cyanide	NELAP	PA	12/14/2012
SM 4500-Cl G		Total residual chlorine	NELAP	PA	04/08/2008
SM 4500-H+ B		pH	NELAP	PA	04/10/2007
SM 4500-Norg D		Kjeldahl nitrogen, total (TKN)	NELAP	PA	07/22/2020
SM 4500-O G		Oxygen (dissolved)	NELAP	PA	03/16/2009
SM 4500-S2- F		Sulfide	NELAP	PA	10/25/2018
SM 5210 B		Biochemical oxygen demand (BOD)	NELAP	PA	06/24/2008
SM 5210 B		Carbonaceous BOD (CBOD)	NELAP	PA	08/26/2006
SM 5310 C		Dissolved organic carbon (DOC)	NELAP	PA	07/12/2010
SM 5310 C		Total organic carbon (TOC)	NELAP	PA	07/12/2010
SM 5540 C		Surfactants as MBAS	NELAP	PA	10/24/2012

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
ASTM D3987-85		Shake extraction of solid waste with water	NELAP	PA	12/05/2007
ASTM D5057-90		Apparent specific gravity	NELAP	PA	09/27/2010
ASTM D5057-90		Bulk density	NELAP	PA	09/27/2010
EPA 1010	A	Ignitability	NELAP	PA	04/09/2009
EPA 1020	B	Ignitability	NELAP	PA	04/09/2009
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	NELAP	PA	04/07/2005
EPA 1312		Synthetic precipitation leaching procedure (SPLP)	NELAP	PA	04/18/2006
EPA 300.0	2.1	Bromide	NELAP	PA	04/20/2011
EPA 300.0	2.1	Chloride	NELAP	PA	04/20/2011
EPA 300.0	2.1	Fluoride	NELAP	PA	04/20/2011
EPA 300.0	2.1	Nitrate as N	NELAP	PA	04/20/2011
EPA 300.0	2.1	Nitrite as N	NELAP	PA	04/20/2011
EPA 300.0	2.1	Orthophosphate as P	NELAP	PA	04/20/2011
EPA 300.0	2.1	Sulfate	NELAP	PA	04/20/2011
EPA 3005	A	Preconcentration under acid	NELAP	PA	04/07/2005
EPA 3010	A	Hot plate acid digestion (HNO ₃ + HCl)	NELAP	PA	04/07/2005
EPA 3050	B	Acid digestion of solids	NELAP	PA	04/07/2005
EPA 3060	A	Alkaline digestion of Cr(VI)	NELAP	PA	04/07/2005
EPA 350.1	2.0	Ammonia as N	NELAP	PA	08/26/2006
EPA 351.2		Kjeldahl nitrogen, total (TKN)	NELAP	PA	07/22/2020
EPA 3510	C	Separatory funnel liquid-liquid extraction	NELAP	PA	04/07/2005
EPA 3520	C	Continuous liquid-liquid extraction	NELAP	PA	04/07/2005
EPA 353.2		Total nitrate-nitrite	NELAP	PA	04/20/2011
EPA 3541		Automated soxhlet extraction	NELAP	PA	04/07/2005
EPA 3580	A	Waste dilution	NELAP	PA	04/07/2005
EPA 3585		Waste dilution for VOCs	NELAP	PA	04/07/2005

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301 Alpha Drive
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(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 3620	B	Florisil cleanup	NELAP	PA	04/18/2006
EPA 3620	C	Florisil cleanup	NELAP	PA	04/09/2009
EPA 3640	A	Gel permeation cleanup (GPC)	NELAP	PA	04/18/2006
EPA 365.4		Phosphorus, total	NELAP	PA	07/22/2020
EPA 3660	B	Sulfur cleanup	NELAP	PA	04/18/2006
EPA 3665	A	Sulfuric acid/permanganate clean-up	NELAP	PA	04/18/2006
EPA 410.4	2.0	Chemical oxygen demand (COD)	NELAP	PA	08/26/2006
EPA 5030	B	Aqueous-phase purge-and-trap	NELAP	PA	03/04/2013
EPA 5035	A	Closed-system purge-and-trap (freezing option)	NELAP	PA	06/15/2012
EPA 5035	A	Closed-system purge-and-trap (methanol option)	NELAP	PA	06/15/2012
EPA 5035	A	Closed-system purge-and-trap (unpreserved)	NELAP	PA	06/15/2012
EPA 5035		Closed-system purge-and-trap (bisulfate option)	NELAP	PA	04/07/2005
EPA 5035		Closed-system purge-and-trap (methanol option)	NELAP	PA	04/07/2005
EPA 5035		Closed-system purge-and-trap (unpreserved)	NELAP	PA	08/24/2005
EPA 6010	B	Metals by ICP/AES	NELAP	PA	04/08/2009
EPA 6010	C	Metals by ICP/AES	NELAP	PA	04/09/2009
EPA 6010	D	Metals by ICP/AES	NELAP	PA	06/05/2019
EPA 6010	B, C, D	Aluminum	NELAP	PA	09/24/2005
EPA 6010	B, C, D	Antimony	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Arsenic	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Barium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Beryllium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Boron	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Cadmium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Calcium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Chromium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Cobalt	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Copper	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Iron	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Lead	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Lithium	NELAP	PA	04/22/2010
EPA 6010	B, C, D	Magnesium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Manganese	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Molybdenum	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Nickel	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Potassium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Selenium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Silica, as SiO ₂	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Silicon	NELAP	PA	06/03/2010
EPA 6010	B, C, D	Silver	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Sodium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Strontium	NELAP	PA	04/07/2005

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Eurofins TestAmerica Laboratories Pittsburgh
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(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 6010	B, C, D	Thallium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Tin	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Titanium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Vanadium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Zinc	NELAP	PA	04/07/2005
EPA 6020	A	Metals by ICP/MS	NELAP	PA	04/09/2009
EPA 6020	B	Metals by ICP/MS	NELAP	PA	06/05/2019
EPA 6020		Metals by ICP/MS	NELAP	PA	07/26/2019
EPA 6020	A, B	Aluminum	NELAP	PA	04/07/2005
EPA 6020	A, B	Antimony	NELAP	PA	04/07/2005
EPA 6020	A, B	Arsenic	NELAP	PA	04/07/2005
EPA 6020	A, B	Barium	NELAP	PA	04/07/2005
EPA 6020	A, B	Beryllium	NELAP	PA	04/07/2005
EPA 6020	A, B	Boron	NELAP	PA	08/24/2005
EPA 6020	A, B	Cadmium	NELAP	PA	04/07/2005
EPA 6020	A, B	Calcium	NELAP	PA	08/24/2005
EPA 6020	A, B	Chromium	NELAP	PA	04/07/2005
EPA 6020	A, B	Cobalt	NELAP	PA	04/07/2005
EPA 6020	A, B	Copper	NELAP	PA	04/07/2005
EPA 6020	A, B	Iron	NELAP	PA	08/24/2005
EPA 6020	A, B	Lead	NELAP	PA	04/07/2005
EPA 6020	A, B	Lithium	NELAP	PA	03/24/2017
EPA 6020	A, B	Magnesium	NELAP	PA	08/24/2005
EPA 6020	A, B	Manganese	NELAP	PA	04/07/2005
EPA 6020	A, B	Molybdenum	NELAP	PA	04/07/2005
EPA 6020	A, B	Nickel	NELAP	PA	04/07/2005
EPA 6020	A, B	Potassium	NELAP	PA	08/24/2005
EPA 6020	A, B	Selenium	NELAP	PA	04/07/2005
EPA 6020	A, B	Silica, as SiO ₂	NELAP	PA	04/18/2006
EPA 6020	A, B	Silicon	NELAP	PA	06/03/2010
EPA 6020	A, B	Silver	NELAP	PA	04/07/2005
EPA 6020	A, B	Sodium	NELAP	PA	08/24/2005
EPA 6020	A, B	Strontium	NELAP	PA	04/07/2005
EPA 6020	A, B	Thallium	NELAP	PA	04/07/2005
EPA 6020	A, B	Thorium	NELAP	PA	03/24/2017
EPA 6020	A, B	Tin	NELAP	PA	08/24/2005
EPA 6020	A, B	Titanium	NELAP	PA	08/24/2005
EPA 6020	A, B	Uranium (mass)	NELAP	PA	03/24/2017
EPA 6020	A, B	Vanadium	NELAP	PA	04/07/2005
EPA 6020	A, B	Zinc	NELAP	PA	04/07/2005
EPA 7196	A	Chromium VI	NELAP	PA	04/07/2005
EPA 7470	A	Mercury	NELAP	PA	08/26/2006

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 7471	A	Mercury	NELAP	PA	04/07/2005
EPA 7471	B	Mercury	NELAP	PA	04/09/2009
EPA 8081	A	Organochlorine pesticides by GC/ECD	NELAP	PA	04/08/2009
EPA 8081	B	Organochlorine pesticides by GC/ECD	NELAP	PA	01/01/2013
EPA 8081	A, B	2,4'-DDD	NELAP	PA	04/18/2006
EPA 8081	A, B	2,4'-DDE	NELAP	PA	04/18/2006
EPA 8081	A, B	2,4'-DDT	NELAP	PA	04/18/2006
EPA 8081	A, B	4,4'-DDD	NELAP	PA	04/07/2005
EPA 8081	A, B	4,4'-DDE	NELAP	PA	04/07/2005
EPA 8081	A, B	4,4'-DDT	NELAP	PA	04/07/2005
EPA 8081	A, B	Aldrin (HHDN)	NELAP	PA	04/07/2005
EPA 8081	A, B	Chlorobenzene	NELAP	PA	04/18/2006
EPA 8081	A, B	Chlordane (techn.)	NELAP	PA	04/07/2005
EPA 8081	A, B	Dacthal (DCPA)	NELAP	PA	08/26/2006
EPA 8081	A, B	Diallate (cis or trans)	NELAP	PA	08/26/2006
EPA 8081	A, B	Dieldrin	NELAP	PA	04/07/2005
EPA 8081	A, B	Endosulfan I	NELAP	PA	04/07/2005
EPA 8081	A, B	Endosulfan II	NELAP	PA	04/07/2005
EPA 8081	A, B	Endosulfan sulfate	NELAP	PA	04/07/2005
EPA 8081	A, B	Endrin	NELAP	PA	04/07/2005
EPA 8081	A, B	Endrin aldehyde	NELAP	PA	04/07/2005
EPA 8081	A, B	Endrin ketone	NELAP	PA	04/07/2005
EPA 8081	A, B	Heptachlor	NELAP	PA	04/07/2005
EPA 8081	A, B	Heptachlor epoxide	NELAP	PA	04/07/2005
EPA 8081	A, B	Hexachlorobenzene	NELAP	PA	05/12/2011
EPA 8081	A, B	Isodrin	NELAP	PA	08/24/2005
EPA 8081	A, B	Methoxychlor	NELAP	PA	04/07/2005
EPA 8081	A, B	Mirex	NELAP	PA	08/24/2005
EPA 8081	A, B	Oxychlorane	NELAP	PA	04/09/2009
EPA 8081	A, B	Toxaphene (Chlorinated camphene)	NELAP	PA	04/07/2005
EPA 8081	A, B	alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 8081	A, B	alpha-Chlordane	NELAP	PA	04/07/2005
EPA 8081	A, B	beta-BHC (beta-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 8081	A, B	cis-Nonachlor	NELAP	PA	04/18/2006
EPA 8081	A, B	delta-BHC (delta-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 8081	A, B	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 8081	A, B	gamma-Chlordane	NELAP	PA	04/07/2005
EPA 8081	A, B	trans-Nonachlor	NELAP	PA	04/18/2006
EPA 8082	A	PCBs by GC/ECD	NELAP	PA	04/09/2009
EPA 8082		PCBs by GC/ECD	NELAP	PA	07/26/2019
EPA 8082	A	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ 206)	NELAP	PA	08/26/2006

Annamarie Rensch

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8082	A	2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	NELAP	PA	04/13/2009
EPA 8082	A	2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,3',4,4'-Hexachlorobiphenyl (BZ 128)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 160)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	NELAP	PA	04/13/2009
EPA 8082	A	2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',5-Trichlorobiphenyl (BZ 18)	NELAP	PA	08/26/2006
EPA 8082	A	2,3',4,4',5'-Pentachlorobiphenyl (BZ 123)	NELAP	PA	04/25/2014
EPA 8082	A	2,3',4,4',5,5'-Hexachlorobiphenyl (BZ 167)	NELAP	PA	04/25/2014
EPA 8082	A	2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	NELAP	PA	08/26/2006
EPA 8082	A	2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	NELAP	PA	08/26/2006
EPA 8082	A	2,3,3',4,4',5'-Hexachlorobiphenyl (BZ 157)	NELAP	PA	04/25/2014
EPA 8082	A	2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ 189)	NELAP	PA	04/25/2014
EPA 8082	A	2,3,3',4,4',5-Hexachlorobiphenyl (BZ 156)	NELAP	PA	12/30/2019
EPA 8082	A	2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	NELAP	PA	04/13/2009
EPA 8082	A	2,3,4,4',5-Pentachlorobiphenyl (BZ 114)	NELAP	PA	04/25/2014
EPA 8082	A	2,4'-Dichlorobiphenyl (BZ 8)	NELAP	PA	04/13/2009
EPA 8082	A	2,4,4'-Trichlorobiphenyl (BZ 28)	NELAP	PA	04/13/2009
EPA 8082	A	3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	NELAP	PA	04/13/2009
EPA 8082	A	3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	NELAP	PA	04/13/2009
EPA 8082	A	3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	NELAP	PA	04/13/2009
EPA 8082	A	3,4,4',5-Tetrachlorobiphenyl (BZ 81)	NELAP	PA	04/25/2014
EPA 8082	A	Aroclor-1016 (PCB-1016)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1016 (in oil)	NELAP	PA	10/19/2016
EPA 8082	A	Aroclor-1221 (PCB-1221)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1221 (in oil)	NELAP	PA	10/19/2016
EPA 8082	A	Aroclor-1232 (PCB-1232)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1232 (in oil)	NELAP	PA	10/19/2016
EPA 8082	A	Aroclor-1242 (PCB-1242)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1242 (in oil)	NELAP	PA	10/19/2016
EPA 8082	A	Aroclor-1248 (PCB-1248)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1248 (in oil)	NELAP	PA	10/19/2016
EPA 8082	A	Aroclor-1254 (PCB-1254)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1254 (in oil)	NELAP	PA	10/19/2016

AnnMarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8082	A	Aroclor-1260 (PCB-1260)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1260 (in oil)	NELAP	PA	10/19/2016
EPA 8082	A	Aroclor-1262 (PCB-1262)	NELAP	PA	04/08/2008
EPA 8082	A	Aroclor-1268 (PCB-1268)	NELAP	PA	04/08/2008
EPA 8082	A	Decachlorobiphenyl	NELAP	PA	08/26/2006
EPA 8141	A	Organophosphorus compounds by GC/NPD	NELAP	PA	04/08/2009
EPA 8141	B	Organophosphorus compounds by GC/NPD	NELAP	PA	04/09/2009
EPA 8141	A, B	Azinphos-methyl (Guthion)	NELAP	PA	04/07/2005
EPA 8141	A, B	Bolstar (Sulprofos)	NELAP	PA	04/18/2006
EPA 8141	A, B	Chlorpyrifos	NELAP	PA	08/24/2005
EPA 8141	A, B	Coumaphos	NELAP	PA	08/24/2005
EPA 8141	A, B	Demeton	NELAP	PA	04/09/2009
EPA 8141	A, B	Demeton-O	NELAP	PA	04/07/2005
EPA 8141	A, B	Demeton-S	NELAP	PA	04/07/2005
EPA 8141	A, B	Diazinon (Spectracide)	NELAP	PA	04/07/2005
EPA 8141	A, B	Dichlorvos (DDVP, Dichlorvos)	NELAP	PA	08/24/2005
EPA 8141	A, B	Dimethoate	NELAP	PA	08/24/2005
EPA 8141	A, B	Disulfoton	NELAP	PA	04/07/2005
EPA 8141	A, B	EPN (Sentox)	NELAP	PA	08/24/2005
EPA 8141	A, B	Ethoprop (Prophos)	NELAP	PA	08/24/2005
EPA 8141	A, B	Famphur	NELAP	PA	08/24/2005
EPA 8141	A, B	Fensulfothion	NELAP	PA	08/24/2005
EPA 8141	A, B	Fenthion	NELAP	PA	08/24/2005
EPA 8141	A, B	Malathion	NELAP	PA	04/07/2005
EPA 8141	A, B	Methyl parathion (Parathion, methyl)	NELAP	PA	04/07/2005
EPA 8141	A, B	Mevinphos	NELAP	PA	08/24/2005
EPA 8141	A, B	O,O,O-Triethyl phosphorothioate	NELAP	PA	04/18/2006
EPA 8141	A, B	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	04/07/2005
EPA 8141	A, B	Phorate (Thimet)	NELAP	PA	08/24/2005
EPA 8141	A, B	Ronnel	NELAP	PA	04/18/2006
EPA 8141	A, B	Stirophos (Tetrachlorovinphos)	NELAP	PA	04/18/2006
EPA 8141	A, B	Sulfotepp (Tetraethyl dithiopyrophosphate)	NELAP	PA	08/26/2006
EPA 8141	A, B	Thionazine (Thionazin, Zinphos)	NELAP	PA	04/18/2006
EPA 8141	A, B	Tokuthion (Prothiophos)	NELAP	PA	04/18/2006
EPA 8141	A, B	Trichloronate	NELAP	PA	04/18/2006
EPA 8151	A	Chlorinated herbicides by GC/ECD	NELAP	PA	04/08/2009
EPA 8151	A	2,4,5-T	NELAP	PA	04/07/2005
EPA 8151	A	2,4,5-TP (Silvex)	NELAP	PA	04/07/2005
EPA 8151	A	2,4-D	NELAP	PA	04/07/2005
EPA 8151	A	2,4-DB (Butoxon)	NELAP	PA	04/07/2005
EPA 8151	A	Dalapon (2,2-Dichloropropionic acid)	NELAP	PA	08/24/2005
EPA 8151	A	Dicamba	NELAP	PA	04/07/2005

Christine Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8151	A	Dichloroprop (Dichloroprop)	NELAP	PA	04/07/2005
EPA 8151	A	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	PA	12/30/2019
EPA 8151	A	MCPA	NELAP	PA	04/07/2005
EPA 8151	A	MCPP (Mecoprop)	NELAP	PA	04/07/2005
EPA 8151	A	Pentachlorophenol (PCP)	NELAP	PA	04/07/2005
EPA 8260	B	VOCs by GC/MS	NELAP	PA	04/08/2009
EPA 8260	C	VOCs by GC/MS	NELAP	PA	12/05/2013
EPA 8260	D	VOCs by GC/MS	NELAP	PA	06/05/2019
EPA 8260	B, C, D	1,1,1,2-Tetrachloroethane	NELAP	PA	08/24/2005
EPA 8260	B, C, D	1,1,1-Trichloroethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,1,2,2-Tetrachloroethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	PA	08/24/2005
EPA 8260	B, C, D	1,1,2-Trichloroethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,1-Dichloroethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,1-Dichloropropene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2,3-Trichlorobenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,2,4-Trichlorobenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,2,4-Trimethylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	08/24/2005
EPA 8260	B, C, D	1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,2-Dichloroethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,2-Dichloroethane (total)	NELAP	PA	03/01/2007
EPA 8260	B, C, D	1,2-Dichloropropane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,3,5-Trichlorobenzene	NELAP	PA	04/09/2009
EPA 8260	B, C, D	1,3,5-Trimethylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,3-Dichloropropane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	08/24/2005
EPA 8260	B, C, D	2,2,4-Trimethylpentane (Iso-octane)	NELAP	PA	12/05/2007
EPA 8260	B, C, D	2,2-Dichloropropane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	2-Butanone (Methyl ethyl ketone, MEK)	NELAP	PA	08/24/2005
EPA 8260	B, C, D	2-Chloroethyl vinyl ether	NELAP	PA	04/07/2005
EPA 8260	B, C, D	2-Chlorotoluene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	2-Hexanone	NELAP	PA	08/24/2005
EPA 8260	B, C, D	4-Chlorotoluene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	4-Methyl-2-pentanone (MIBK)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Acetone	NELAP	PA	04/07/2005

Annexure B-2

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C, D	Acetonitrile	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Acrolein (Propenal)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Acrylonitrile	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Allyl chloride (3-Chloropropene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Benzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Benzyl chloride	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Bromobenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Bromochloromethane	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Bromodichloromethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Bromoform	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Carbon disulfide	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Carbon tetrachloride	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Chlorobenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Chloroethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Chloroform	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Chloroprene (2-Chloro-1,3-butadiene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Cyclohexane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Dibromochloromethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Dibromomethane	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Dichlorodifluoromethane (Freon 12)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Dichlorofluoromethane (Freon 21)	NELAP	PA	12/30/2019
EPA 8260	B, C, D	Diethyl ether (Ethyl ether)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Ethyl methacrylate	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Ethylbenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Heptane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Iodomethane (Methyl iodide)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Isopropyl alcohol (2-Propanol)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Isopropylbenzene (Cumene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Methacrylonitrile	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methyl acetate	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Methyl bromide (Bromomethane)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Methyl chloride (Chloromethane)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Methyl tert-butyl ether (MTBE)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Methylcyclohexane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Methylene chloride (Dichloromethane)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Methylmethacrylate	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Naphthalene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Propionitrile (Ethyl cyanide)	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Styrene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Tetrachloroethene (PCE, Perchloroethylene)	NELAP	PA	04/07/2005

Amman Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C, D	Tetrahydrofuran (THF)	NELAP	PA	04/22/2010
EPA 8260	B, C, D	Toluene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Trichloroethene (TCE, Trichloroethylene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Trichlorofluoromethane (Freon 11)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Vinyl acetate	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Vinyl chloride (Chloroethene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Xylenes, total	NELAP	PA	04/07/2005
EPA 8260	B, C, D	cis-1,2-Dichloroethene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	cis-1,3-Dichloropropene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	m+p-Xylene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	m-Xylene	NELAP	PA	04/09/2009
EPA 8260	B, C, D	n-Butylbenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	n-Hexane	NELAP	PA	12/05/2007
EPA 8260	B, C, D	n-Propylbenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	o-Xylene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	p-isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	p-Xylene	NELAP	PA	04/09/2009
EPA 8260	B, C, D	sec-Butylbenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	04/08/2008
EPA 8260	B, C, D	tert-Butylbenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	trans-1,2-Dichloroethene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	trans-1,3-Dichloropropene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	trans-1,4-Dichloro-2-butene	NELAP	PA	04/07/2005
EPA 8270	C	SOCs by GC/MS	NELAP	PA	04/08/2009
EPA 8270	D	SOCs by GC/MS	NELAP	PA	04/09/2009
EPA 8270	E	SOCs by GC/MS	NELAP	PA	06/05/2019
EPA 8270	C, D, E	1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	1,2,4,5-Tetrachlorobenzene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	1,2,4-Trichlorobenzene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	1,2-Diphenylhydrazine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	1,3,5-Trinitrobenzene (1,3,5-TNB)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	1,3-Dinitrobenzene (1,3-DNB)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	1,4-Naphthoquinone	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,4-Phenylenediamine	NELAP	PA	12/05/2007
EPA 8270	C, D, E	1-Chloronaphthalene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1-Methylnaphthalene	NELAP	PA	04/09/2009
EPA 8270	C, D, E	1-Naphthylamine (alpha-Naphthylamine)	NELAP	PA	08/26/2006

Annex B

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	2,2'-oxybis(1-Chloropropane)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,3,4,6-Tetrachlorophenol	NELAP	PA	08/24/2005
EPA 8270	C, D, E	2,3,5,6-Tetrachlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,3,7,8-TCDD (Dioxin) (screen)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4,5-Trichlorophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,4,6-Trichlorophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,4-Dichlorophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,4-Dimethylphenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,4-Dinitrophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,4-Dinitroicene (2,4-DNT)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,6-Dichlorophenol	NELAP	PA	08/24/2005
EPA 8270	C, D, E	2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Acetylaminofluorene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Chloronaphthalene	NELAP	PA	10/13/2010
EPA 8270	C, D, E	2-Chlorophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Methylnaphthalene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Methylphenol (o-Cresol)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Naphthylamine (beta-Naphthylamine)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Nitroaniline	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Nitrophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Picoline (2-Methylpyridine)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	3+4-Methylphenol (m+p-Cresol)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	3,3'-Dichlorobenzidine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	3,3'-Dimethylbenzidine	NELAP	PA	08/24/2005
EPA 8270	C, D, E	3-Methylcholanthrene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	3-Nitroaniline	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4,4'-Methylenebis(2-chloroaniline)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	4-Aminobiphenyl	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Bromophenyl phenyl ether	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4-Chloro-3-methylphenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4-Chloroaniline	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4-Chlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Chlorophenyl phenyl ether	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Nitroaniline	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4-Nitrophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4-Nitroquinoline-1-oxide	NELAP	PA	08/26/2006
EPA 8270	C, D, E	5-Nitro-o-toluidine	NELAP	PA	08/26/2006

Ammonia Beach

Attached to Certificate of Accreditation 018-001 expiration date 04/30/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	6-Methylchrysene	NELAP	PA	12/05/2007
EPA 8270	C, D, E	7,12-Dimethylbenz(a)anthracene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Acenaphthene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Acenaphthylene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Acetophenone	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Aniline	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Anthracene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Aramite	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Atrazine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Benzaldehyde	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzidine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzo[a]anthracene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzo[a]pyrene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzo[b]fluoranthene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzo[ghi]perylene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzo[k]fluoranthene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzoic acid	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzyl alcohol	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Caprolactam	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Carbazole	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Chlorobenzilate	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Chrysene (Benzo[a]phenanthrene)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Cresols (total)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Di-n-butyl phthalate	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Di-n-octyl phthalate	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Diallate (cis or trans)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Dibenz[a,h]acridine	NELAP	PA	12/05/2007
EPA 8270	C, D, E	Dibenzo[a,h]anthracene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Dibenzofuran	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Diethyl phthalate	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Dimethoate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Dimethyl phthalate	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Disulfoton	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Ethyl methanesulfonate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Famphur	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Fluoranthene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Fluorene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Hexachlorobenzene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Hexachlorocyclopentadiene	NELAP	PA	04/07/2005

Annmarie Beach

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Attached to Certificate of Accreditation 018-001 expiration date 04/30/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	Hexachloroethane	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Hexachloropropene	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Indene	NELAP	PA	04/09/2009
EPA 8270	C, D, E	Indeno(1,2,3-cd)pyrene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Isodrin	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Isophorone	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Isosafrole	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Kepon	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Methacrylene	NELAP	PA	12/05/2007
EPA 8270	C, D, E	Methyl methanesulfonate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Methyl parathion (Parathion, methyl)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	N-Nitrosodi-n-butylamine	NELAP	PA	08/24/2005
EPA 8270	C, D, E	N-Nitrosodi-n-propylamine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	N-Nitrosod ethylamine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	N-Nitrosod methylamine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	N-Nitrosodiphenylamine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	N-Nitrosomethylethylamine	NELAP	PA	08/24/2005
EPA 8270	C, D, E	N-Nitrosomorpholine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosopiperidine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosopyrrolidine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Naphthalene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Nitrobenzene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	O,O,O-Triethyl phosphorothioate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Pentachlorobenzene	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Pentachloroethane	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Pentachloronitrobenzene (PCNB)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Pentachlorophenol (PCP)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Phenacetin	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Phenanthrene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Phenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Phorate (Thimet)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Pronamide (Kerb)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Pyrene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Pyridine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Safrole	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Sulfotepp (Tetraethyl dithiopyrophosphate)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Thionazine (Thionazin, Zinophos)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	bis(2-Chloroethoxy)methane	NELAP	PA	04/07/2005
EPA 8270	C, D, E	bis(2-Chloroethyl) ether	NELAP	PA	04/07/2005
EPA 8270	C, D, E	bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	n-Octadecane	NELAP	PA	04/09/2009

Annex B

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized Accreditation Body. Customers are urged to verify the laboratory's current accreditation standing.

Attached to Certificate of Accreditation 018-001 expiration date 04/30/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	p-(Dimethylamino)azobenzene	NELAP	PA	04/09/2009
EPA 8270	C, D, E	p-Phenylenediamine	NELAP	PA	04/09/2009
EPA 9010	C	Total cyanide	NELAP	PA	03/04/2013
EPA 9013	A	Cyanide extraction for solids and oils	NELAP	PA	04/22/2010
EPA 9013		Cyanide extraction for solids and oils	NELAP	PA	12/05/2007
EPA 9014		Total cyanide	NELAP	PA	12/14/2012
EPA 9030	B	Sulfide	NELAP	PA	04/07/2005
EPA 9034		Sulfide	NELAP	PA	04/07/2005
EPA 9040	B	pH	NELAP	PA	04/07/2005
EPA 9040	C	pH	NELAP	PA	04/09/2009
EPA 9045	C	pH	NELAP	PA	04/07/2005
EPA 9045	D	pH	NELAP	PA	04/09/2009
EPA 9056	A	Anions by IC	NELAP	PA	04/09/2009
EPA 9056	A	Bromide	NELAP	PA	08/26/2006
EPA 9056	A	Chloride	NELAP	PA	04/07/2005
EPA 9056	A	Fluoride	NELAP	PA	04/07/2005
EPA 9056	A	Nitrate as N	NELAP	PA	04/07/2005
EPA 9056	A	Nitrite as N	NELAP	PA	04/07/2005
EPA 9056	A	Orthophosphate as P	NELAP	PA	01/26/2009
EPA 9056	A	Sulfate	NELAP	PA	04/07/2005
EPA 9065		Total phenolics	NELAP	PA	12/05/2007
EPA 9071	B	Oil and grease	NELAP	PA	04/09/2009
EPA 8095	B	Paint filter liquids test	NELAP	PA	04/09/2009
EPA Lloyd Kahn Method		Total organic carbon (TOC)	NELAP	PA	09/27/2007
OIA 1677-09		Available cyanide	NELAP	PA	04/18/2006
SM 2520 B		Salinity	NELAP	PA	04/08/2008
SM 2540 B		Residue, total	NELAP	PA	04/08/2008
SM 2540 G		Percent moisture in soil	NELAP	PA	04/13/2009
SM 2540 G		Residue, total	NELAP	PA	12/05/2007
SM 2540 G		Total, fixed, and volatile residue	NELAP	PA	05/31/2018
SOP (00416) OP-011		Percent lipids	NELAP	PA	04/13/2009
SOP (00416) WC-033		Water leach	NELAP	PA	09/05/2012
Walkley Black		Total organic carbon (TOC)	NELAP	PA	04/08/2008

Annular Black

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

04/01/2021

Deborah Lowe
Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238

Re: Certificate of Accreditation
DEP Lab ID No. 02-00416

Dear Laboratory Supervisor:

Enclosed is your new Certificate of Accreditation to operate as a Pennsylvania Accredited Laboratory. This Certificate of Accreditation expires **04/30/2022** unless suspended or revoked earlier. As a laboratory accredited in accordance with the Environmental Laboratory Accreditation Act of June 29, 2002 (P.L. 596, No 90) (27 Pa C.S. §§ 4101 – 4113) and The Environmental Laboratory Accreditation Regulations of 25 Pa. Code Chapter 252 you are responsible for continual compliance with the accreditation Act and regulations promulgated thereunder. Failure to comply with all applicable Federal and Departmental laws and regulations may result in suspension or revocation of your laboratory's accreditation.

Your DEP laboratory identification number is **02-00416**. Please use this number on all correspondence with the PA Department of Environmental Protection (Department).

Your laboratory is accredited to perform only the analyses by the methods listed on the Scope of Accreditation that accompanies the Certificate of Accreditation. The Certificate of Accreditation remains the property of the Department and must be displayed in the laboratory.

Please note this certification must be renewed annually. Renewal applications must be submitted to the Department *no later than 60 days prior to the expiration of the certification*. Failure to submit a renewal application within this time period may result in a lapse of the laboratory's accreditation. Should this occur, the laboratory may not conduct any further analyses for which accreditation is required and, if the laboratory is accredited to perform analyses on drinking water, the laboratory must notify the public water suppliers served by the laboratory of the laboratory's failure to renew its certificate of accreditation. Copies of the renewal application may be found on the Department's web site (www.depweb.state.pa.us/labs).

If you have any questions concerning your certificate, you may contact your laboratory's accreditation officer Virginia Hunsberger at 717-346-8211 or vhunsberge@pa.gov.

Sincerely,

Annmarie Beach, Chief
Laboratory Accreditation Program

Enclosures

APPENDIX B

Data Validation Summaries
February 2022

Quality Control Review of Analytical Data- Plant Scherer Cell 1 and PAC Ash Cell Submitted by Eurofins TestAmerica February - May 2022

This narrative presents results of the quality control (QC) data review performed on analytical data submitted by Eurofins TestAmerica, Inc. for groundwater samples collected at Plant Scherer CCR Plant Scherer Cell 1 and PAC Ash Cell between February 15, 2022 and May 12, 2022. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1. In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D - Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10, the groundwater samples were analyzed for detection monitoring constituents listed in 40 CFR, Part 257, Appendix III and for applicable state and federal monitoring parameters pursuant to the sites 2010 D&O Plan. Additional analysis included cations and anions (potassium, magnesium, and sodium) and alkalinity (total, carbonate and bicarbonate). Test methods included Inductively Coupled Plasma - Mass Spectrometry (USEPA Method 6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions by Ion Chromatography (USEPA Method 300.0), Total Dissolved Solids (Standard Methods 2540C), and Alkalinity by Titration through Standard Method 2320B (SM2320B).

Data were reviewed in accordance with the US EPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program (CLP) Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0), US EPA Region IV Data Validation Standard Operating Procedures for CLP Mercury Data by Cold Vapor Atomic Absorption (September 2011, Rev. 2.0), and the National Functional Guidelines for Inorganic Superfund Methods Data Review (November 2020). The review included an assessment of the results for completeness, precision (field and laboratory duplicates, matrix spike/matrix spike duplicates), accuracy (laboratory control samples and matrix spike samples), and blank contamination (including field and laboratory blanks). Additionally, sample procedures, holding times and chains-of-custody were reviewed. Where there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytic methodology, method-specific criteria or professional judgment was used.

DATA QUALITY OBJECTIVES

Laboratory Precision:	Laboratory goals for precision were met.
Field Precision:	Field goals for precision were met with the exception of total dissolved solids (TDS), as described in the qualification section below.
Accuracy:	Laboratory goals for accuracy were met with the exception of sulfate and fluoride, as described in the qualification section below.
Sensitivity:	Project goals for detection limits were met. Certain samples were diluted due to elevated concentrations of target analytes. Dilutions do not require qualifications based on USEPA guidelines. Detection and reporting limits of non-detect compounds are elevated proportional to the dilution when undiluted sample results are not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context of site-wide characterization. Detections were found in certain blank results, as described in the qualification sections below.

Completeness: There were no rejected analytical results for this event, resulting in a completion of 100%.

Holding Times: All holding time requirements were met in accordance with specific analytical methods.

QUALIFICATIONS

In general, chemical results for the samples collected at the Site were qualified on the basis of high levels of imprecision or inaccuracy, or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data by the laboratory.

- J** The analyte was positively identified above the method detection limit; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- U** The analyte was not detected above the method detection limit.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. Although these qualifications were applied to data from samples collected at the site and reported in sample delivery groups (SDGs) 180-133780-1, 180-133869-1, 180-133982-1, 180-133985-1, and 180-138181-1, qualifications may not have been required or applied to all samples collected. A summary of sample qualifications can be found in Table 2.

- Certain sulfate and fluoride results from SDGs 180-133869-1 and 180-138181-1 were qualified as estimated, biased low when the MS and/or MSD recovered below laboratory criteria.
- The TDS result in sample GWC-50, from SDG 180-133780-1, exceeded the relative percent difference (RPD) between the parent and duplicate sample. Detected results were qualified as estimated (J).
- Certain nickel, fluoride, and chloride results from SDGs 180-133869-1 and 180-133780-1, were qualified as non-detect (U) when the analyte was detected at a similar level in an associated blank sample. As shown in Table 2, if the original sample results were below the reporting limit (RL), the results were qualified as non-detect (U) and the RL was reported as the new results. If the original sample results were greater than the RL, the original results were reported as the new RL and were U qualified.

Golder reviewed the data from samples collected at Plant Scherer CCR Cell 1 and PAC Ash between February 15, 2022 and May 12, 2022 in accordance with the analytical methods, the laboratory specific QC criteria, and the guidelines. As described above, 100% of the results were acceptable for project use. The data are considered usable for meeting project objectives and the results are considered valid.

REFERENCE

US EPA, November 2020, National Functional Guidelines for Inorganic Superfund Methods Data Review, Office of Superfund Remediation and Technology Innovation. OLEM 9240.0-51 [EPA 540-R-20-005]. Washington. DC, November 2020.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data By Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Mercury Data By Cold Vapor Atomic Absorption, Revision 2.0.

TABLE 1

Sample Summary Table
SCS Plant Scherer

SDGs	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses								
						Field pH	Total Metals (SW 6020B)	Mercury (EPA 7470A)	Anions (EPA 300.0)	Total Dissolved Solids (SW 2540C)	Alkalinity (SM 2320B)	COD (410.4)	TOC (SM 5310C)	Cyanide (SM 4500 CN)
180-133869-1	GWC-1	2/15/2022	180-133869-1	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-2	2/15/2022	180-133869-2	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-3	2/15/2022	180-133869-3	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-4	2/15/2022	180-133869-4	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-5	2/15/2022	180-133869-5	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-6	2/15/2022	180-133869-6	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-7	2/15/2022	180-133869-7	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-8A	2/15/2022	180-133869-8	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-9	2/15/2022	180-133869-9	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-10	2/15/2022	180-133869-10	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWA-15	2/15/2022	180-133869-11	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWA-16	2/15/2022	180-133869-12	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWA-17	2/15/2022	180-133869-13	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	FB-6	2/15/2022	180-133869-14	WQ	FB (GWA-15)	-	X	X	X	X	X	-	-	-
180-133869-1	FB-7	2/15/2022	180-133869-15	WQ	FB (GWA-17)	-	X	X	X	X	X	-	-	-
180-133869-1	EB-6	2/15/2022	180-133869-16	WQ	EB (GWC-4)	-	X	X	X	X	X	-	-	-
180-133869-1	EB-7	2/15/2022	180-133869-17	WQ	EB (GWC-10)	-	X	X	X	X	X	-	-	-
180-133869-1	DUP-6	2/15/2022	180-133869-18	GW	FD (GWC-8A)	-	X	X	X	X	X	-	-	-
180-133869-1	GWC-11	2/16/2022	180-133984-1	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-12	2/16/2022	180-133984-2	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-13	2/16/2022	180-133984-3	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-14	2/16/2022	180-133984-4	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-18	2/16/2022	180-133984-5	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-19	2/16/2022	180-133984-6	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-20	2/16/2022	180-133984-7	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	DUP-7	2/16/2022	180-133984-8	GW	FD (GWC-19)	-	X	X	X	X	X	-	-	-
180-138181-1	GWC-1	5/12/2022	180-138181-1	WG	-	X	-	-	X	-	-	-	-	-
180-138181-1	GWC-4	5/12/2022	180-138181-2	WG	-	X	X	-	X	-	-	-	-	-
180-138181-1	GWC-5	5/12/2022	180-138181-3	WG	-	X	-	-	X	-	-	-	-	-
180-138181-1	GWC-10	5/12/2022	180-138181-4	WG	-	X	-	-	X	-	-	-	-	-
180-138181-1	FB-1	5/12/2022	180-138181-5	WQ	FB (GWC-1)	-	X	-	X	-	-	-	-	-
180-138181-1	EB-1	5/12/2022	180-138181-6	WQ	EB (GWC-10)	-	X	-	X	-	-	-	-	-
180-138181-1	DUP-1	5/12/2022	180-138181-7	WG	FD (GWC-4)	-	X	-	X	-	-	-	-	-
180-133780-1	GWA-21	2/14/2022	180-133780-1	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWC-29	2/14/2022	180-133780-2	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWA-45	2/14/2022	180-133780-3	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWA-46	2/14/2022	180-133780-4	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWA-47	2/14/2022	180-133780-5	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWA-48	2/14/2022	180-133780-6	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWA-49	2/14/2022	180-133780-7	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWC-50	2/14/2022	180-133780-8	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWC-52	2/14/2022	180-133780-9	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWC-53	2/14/2022	180-133780-10	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	FB-4	2/14/2022	180-133780-11	WQ	FB (GWA-45)	-	X	X	X	X	X	-	-	-
180-133780-1	FB-5	2/14/2022	180-133780-12	WQ	FB (GWA-46)	-	X	X	X	X	X	-	-	-
180-133780-1	EB-5	2/14/2022	180-133780-13	WQ	EB (GWA-47)	-	X	X	X	X	X	-	-	-
180-133780-1	EB-4	2/14/2022	180-133780-14	WQ	EB (GWA-48)	-	X	X	X	X	X	-	-	-
180-133780-1	DUP-4	2/14/2022	180-133780-15	WG	FD (GWC-50)	-	X	X	X	X	X	-	-	-
180-133780-1	DUP-5	2/14/2022	180-133780-16	WG	FD (GWC-53)	-	X	X	X	X	X	-	-	-
180-133780-1	GWA-22	2/15/2022	180-133870-1	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWC-51	2/15/2022	180-133870-2	WG	-	X	X	X	X	X	X	-	-	-
180-133985-1	Effluent	2/16/2022	180-133985-1	WW	-	-	X	X	-	-	-	-	-	-
180-133982-1	SWA-1	2/16/2022	180-133982-1	SW	-	X	X	X	X	X	X	X	X	X
180-133982-1	SWA-2	2/16/2022	180-133982-2	SW	-	X	X	X	X	X	X	X	X	X
180-133982-1	SWA-3	2/16/2022	180-133982-3	SW	-	X	X	X	X	X	X	X	X	X
180-133982-1	SWC-4	2/16/2022	180-133982-4	SW	-	X	X	X	X	X	X	-	-	-
180-133982-1	SWC-5	2/16/2022	180-133982-5	SW	-	X	X	X	X	X	X	-	-	-
180-133982-1	SWC-6	2/16/2022	180-133982-6	SW	-	X	X	X	X	X	X	-	-	-
180-133982-1	SWC-7	2/16/2022	180-133982-7	SW	-	X	X	X	X	X	X	X	X	X
180-133982-1	SWC-8	2/16/2022	180-133982-8	SW	-	X	X	X	X	X	X	-	-	-
180-133982-1	SWC-9	2/16/2022	180-133982-9	SW	-	X	X	X	X	X	X	-	-	-

Abbreviations:

SDG- Sample Delivery Group; SW - Solid Waste
 QC - Quality Control EPA - Environmental Protection Agency
 GW - Groundwater FB - Field Blank
 WQ - Water quality control EB - Equipment Blank
 FD - Field Duplicate

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	Sample Name	Constituent	New Result	New RL or MDC	Qualifier	Reason
180-133869-1	GWC-10, GWA-15, GWA-45, GWA-46	Fluoride	0.10	-	U	Field blank contamination
180-133869-1	GWC-5	Sulfate	-	-	J-	MS/MSD recovered below QC limits
180-138181-1	GWC-5	Fluoride	-	-	J-	MS/MSD recovered below QC limits
180-133780-1	DUP-4	Nickel	-	0.0029	U	Method blank contamination.
180-133780-1	GWA-48	Fluoride	0.10	-	U	Equipment blank contamination
180-133780-1	GWA-47	Chloride	-	1.5	U	Equipment blank contamination
180-133780-1	GWC-50, DUP-4	TDS	-	-	J	Field duplicate RPD exceedance

Abbreviations:

RL : Reporting limit

MDC : Minimum detectable concentration

SDG : Sample delivery group

MS/MSD : Matrix Spike/Matrix Spike Duplicate

RPD: Relative percent difference

QC: Quality control

Qualifiers:

J: estimated

U: Non-detected

J-: estimated, low bias

AUGUST 2022

Analytical Results, Laboratory Accreditation, and Data Validation Summaries

APPENDIX B

**Analytical Results
August 2022**

ANALYTICAL REPORT

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-220259-1

Client Project/Site: CCR - Plant Scherer Cell 1

For:

Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
10/17/2022 4:31:00 PM

David Fuller, Project Manager
(770)344-8986

David.Fuller@et.eurofinsus.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^6+	Interference Check Standard (ICSA and/or ICSAB) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
*+	LCS and/or LCSDB is outside acceptance limits, high biased.
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Savannah

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-220259-1	GWA-17	Water	08/24/22 16:45	08/26/22 09:00
680-220259-2	GWC-1	Water	08/24/22 15:49	08/26/22 09:00
680-220259-3	DUP-4	Water	08/24/22 00:00	08/26/22 09:00
680-220282-1	GWC-3	Water	08/25/22 14:00	08/27/22 09:00
680-220282-2	GWC-4	Water	08/25/22 10:45	08/27/22 09:00
680-220282-3	GWC-5	Water	08/25/22 09:07	08/27/22 09:00
680-220282-4	GWC-6	Water	08/25/22 10:14	08/27/22 09:00
680-220282-5	GWC-7	Water	08/25/22 11:07	08/27/22 09:00
680-220282-6	GWC-8A	Water	08/25/22 12:34	08/27/22 09:00
680-220282-7	GWC-9	Water	08/25/22 13:38	08/27/22 09:00
680-220282-8	GWC-10	Water	08/25/22 09:35	08/27/22 09:00
680-220282-9	GWC-11	Water	08/25/22 15:41	08/27/22 09:00
680-220282-10	GWA-15	Water	08/25/22 15:08	08/27/22 09:00
680-220282-11	GWA-16	Water	08/25/22 13:40	08/27/22 09:00
680-220282-12	GWC-18	Water	08/25/22 11:57	08/27/22 09:00
680-220282-13	GWC-19	Water	08/25/22 09:09	08/27/22 09:00
680-220282-14	GWC-20	Water	08/25/22 10:43	08/27/22 09:00
680-220282-15	FB-4	Water	08/25/22 09:22	08/27/22 09:00
680-220282-16	EB-4	Water	08/25/22 09:30	08/27/22 09:00
680-220282-17	FB-5	Water	08/25/22 15:18	08/27/22 09:00
680-220282-18	DUP-5	Water	08/25/22 00:00	08/27/22 09:00
680-220286-1	GWC-2	Water	08/26/22 08:56	08/27/22 09:00
680-220286-2	GWC-12	Water	08/26/22 09:51	08/27/22 09:00
680-220286-3	GWC-13	Water	08/26/22 08:45	08/27/22 09:00
680-220286-4	GWC-14	Water	08/26/22 09:25	08/27/22 09:00
680-220286-5	EB-5	Water	08/26/22 09:40	08/27/22 09:00

Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Job ID: 680-220259-1

Laboratory: Eurofins Savannah

Narrative

Job Narrative 680-220259-1

Receipt

The samples were received on 8/26/2022 9:00 AM and 8/27/2022 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 0.4°C, 0.5°C, 1.6°C, 2.4°C, 2.7°C, 2.7°C, 2.9°C, 5.7°C and 5.8°C

HPLC/IC

Method 300_ORGFM_28D: The method blank for analytical batch 180-410671 contained Fluoride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6020B: The continuing calibration verification (CCV) associated with batch 180-412385 recovered above the upper control limit for antimony. The samples associated with this CCV were non-detects/batch QC for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 180-412385/151) and (LCS 180-412195/2-A).

Method 6020B: The continuing calibration verification (CCV) associated with batch 180-412391 recovered above the upper control limit for boron. The samples associated with this CCV were batch QC for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 180-412391/86), (180-143834-J-1-C MSD) and (180-143834-J-1-A PDS).

Method 6020B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 180-412195 and analytical batch 180-412385 were outside control limits for multiple analytes. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2320B: The following samples were analyzed outside of analytical holding time due to mechanical and technical difficulties GWA-17 (680-220259-1), GWC-1 (680-220259-2), DUP-4 (680-220259-3), GWC-2 (680-220286-1), GWC-13 (680-220286-3), GWC-14 (680-220286-4) and EB-5 (680-220286-5).

Method 2320B: The lower laboratory control sample (LLCS) for analytical batch 180-411525 recovered outside control limits for the following analytes: Alkalinity . These analytes were biased high in the LLCS. All samples associated with this LLCS were either ND or contained results greater than 20 mg/L ; therefore, re-analysis of samples was not performed.

Method 2540C_Calcd: Reanalysis of the following sample was performed outside of the analytical holding time due to conductivity being too different compared to the Total Dissolved Solids (TDS) : EB-4 (680-220282-16).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWA-17

Lab Sample ID: 680-220259-1

Date Collected: 08/24/22 16:45

Matrix: Water

Date Received: 08/26/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.71	mg/L			09/01/22 08:15	1
Fluoride	0.047	J B	0.10	0.026	mg/L			09/01/22 08:15	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 08:15	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 17:47	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 17:47	1
Barium	0.031		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 17:47	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 17:47	1
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 13:45	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 17:47	1
Calcium	8.9		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 17:47	1
Chromium	0.0076		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 17:47	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 17:47	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 17:47	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 17:47	1
Magnesium	3.4		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 17:47	1
Nickel	0.00082	J B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 17:47	1
Potassium	1.0		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 17:47	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 17:47	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 17:47	1
Sodium	9.7		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 17:47	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 17:47	1
Vanadium	0.0051		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 17:47	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 17:47	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:53	09/13/22 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110		10	10	mg/L			08/30/22 16:47	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	54	H	10	10	mg/L			09/08/22 08:37	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	54	H	10	10	mg/L			09/08/22 08:37	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<10	H	10	10	mg/L			09/08/22 08:37	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.22				SU			08/24/22 16:45	1

Client Sample ID: GWC-1

Lab Sample ID: 680-220259-2

Date Collected: 08/24/22 15:49

Matrix: Water

Date Received: 08/26/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.6		1.0	0.71	mg/L			09/01/22 08:31	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-1

Lab Sample ID: 680-220259-2

Date Collected: 08/24/22 15:49

Matrix: Water

Date Received: 08/26/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.075	J B	0.10	0.026	mg/L			09/01/22 08:31	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 08:31	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 17:51	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 17:51	1
Barium	0.043		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 17:51	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 17:51	1
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 13:48	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 17:51	1
Calcium	17		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 17:51	1
Chromium	0.014		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 17:51	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 17:51	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 17:51	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 17:51	1
Magnesium	8.8		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 17:51	1
Nickel	0.00086	J B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 17:51	1
Potassium	0.82		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 17:51	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 17:51	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 17:51	1
Sodium	9.3		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 17:51	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 17:51	1
Vanadium	0.017		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 17:51	1
Zinc	0.0039	J	0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 17:51	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:53	09/13/22 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	160		10	10	mg/L			08/30/22 16:47	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	98	H	10	10	mg/L			09/08/22 08:37	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	98	H	10	10	mg/L			09/08/22 08:37	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<10	H	10	10	mg/L			09/08/22 08:37	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.42				SU			08/24/22 15:49	1

Client Sample ID: DUP-4

Lab Sample ID: 680-220259-3

Date Collected: 08/24/22 00:00

Matrix: Water

Date Received: 08/26/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.8		1.0	0.71	mg/L			09/01/22 08:45	1
Fluoride	0.075	J B	0.10	0.026	mg/L			09/01/22 08:45	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: DUP-4

Lab Sample ID: 680-220259-3

Date Collected: 08/24/22 00:00

Matrix: Water

Date Received: 08/26/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 08:45	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 17:54	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 17:54	1
Barium	0.044		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 17:54	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 17:54	1
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 13:51	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 17:54	1
Calcium	17		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 17:54	1
Chromium	0.014		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 17:54	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 17:54	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 17:54	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 17:54	1
Magnesium	8.7		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 17:54	1
Nickel	0.0012	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 17:54	1
Potassium	0.81		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 17:54	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 17:54	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 17:54	1
Sodium	9.2		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 17:54	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 17:54	1
Vanadium	0.017		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 17:54	1
Zinc	0.0058		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 17:54	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:53	09/13/22 15:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	150		10	10	mg/L			08/31/22 13:46	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	92	H	5.0	5.0	mg/L			09/21/22 19:35	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	92	H	5.0	5.0	mg/L			09/21/22 19:35	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/21/22 19:35	1

Client Sample ID: GWC-3

Lab Sample ID: 680-220282-1

Date Collected: 08/25/22 14:00

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.2		1.0	0.71	mg/L			09/01/22 15:37	1
Fluoride	0.059	J	0.10	0.026	mg/L			09/01/22 15:37	1
Sulfate	0.99	J	1.0	0.76	mg/L			09/01/22 15:37	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:12	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-3

Date Collected: 08/25/22 14:00

Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-1

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:12	1
Barium	0.013		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:12	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:12	1
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 14:02	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:12	1
Calcium	5.5		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:12	1
Chromium	0.0072		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:12	1
Cobalt	0.00046	J	0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:12	1
Copper	0.0013	J	0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:12	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:12	1
Magnesium	3.2		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:12	1
Nickel	0.0024	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:12	1
Potassium	0.63		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:12	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:12	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:12	1
Sodium	4.7		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:12	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:12	1
Vanadium	0.0072		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:12	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:12	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	32		5.0	5.0	mg/L			09/08/22 18:13	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	32		5.0	5.0	mg/L			09/08/22 18:13	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 18:13	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.99				SU			08/25/22 14:00	1

Client Sample ID: GWC-4

Date Collected: 08/25/22 10:45

Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-2

Matrix: Water

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.71	mg/L			09/01/22 15:51	1
Fluoride	0.077	J	0.10	0.026	mg/L			09/01/22 15:51	1
Sulfate	19		1.0	0.76	mg/L			09/01/22 15:51	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00058	J B	0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:08	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:08	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-4

Lab Sample ID: 680-220282-2

Date Collected: 08/25/22 10:45

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.054		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:08	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:08	1
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 13:59	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:08	1
Calcium	17		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:08	1
Chromium	0.0038		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:08	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:08	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:08	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:08	1
Magnesium	10		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:08	1
Nickel	0.0015	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:08	1
Potassium	1.4		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:08	1
Selenium	0.0012	J	0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:08	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:08	1
Sodium	12		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:08	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:08	1
Vanadium	0.0059		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:08	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:08	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	170		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	67		5.0	5.0	mg/L			09/08/22 19:41	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	67		5.0	5.0	mg/L			09/08/22 19:41	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 19:41	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.19				SU			08/25/22 10:45	1

Client Sample ID: GWC-5

Lab Sample ID: 680-220282-3

Date Collected: 08/25/22 09:07

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		1.0	0.71	mg/L			09/01/22 16:06	1
Fluoride	0.047	J	0.10	0.026	mg/L			09/01/22 16:06	1
Sulfate	100		1.0	0.76	mg/L			09/01/22 16:06	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:15	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:15	1
Barium	0.031		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:15	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-5

Lab Sample ID: 680-220282-3

Date Collected: 08/25/22 09:07

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:15	1
Boron	0.19	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 14:05	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:15	1
Calcium	37		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:15	1
Chromium	0.0058		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:15	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:15	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:15	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:15	1
Magnesium	19		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:15	1
Nickel	0.00071	J B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:15	1
Potassium	1.0		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:15	1
Selenium	0.0043	J	0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:15	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:15	1
Sodium	13		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:15	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:15	1
Vanadium	0.0026		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:15	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:15	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	290		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	68		5.0	5.0	mg/L			09/08/22 18:20	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	68		5.0	5.0	mg/L			09/08/22 18:20	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 18:20	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.96				SU			08/25/22 09:07	1

Client Sample ID: GWC-6

Lab Sample ID: 680-220282-4

Date Collected: 08/25/22 10:14

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.2		1.0	0.71	mg/L			09/01/22 16:21	1
Fluoride	0.058	J	0.10	0.026	mg/L			09/01/22 16:21	1
Sulfate	12		1.0	0.76	mg/L			09/01/22 16:21	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:19	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:19	1
Barium	0.055		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:19	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:19	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-6

Date Collected: 08/25/22 10:14

Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-4

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 14:08	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:19	1
Calcium	19		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:19	1
Chromium	0.0046		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:19	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:19	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:19	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:19	1
Magnesium	8.9		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:19	1
Nickel	0.0013	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:19	1
Potassium	1.6		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:19	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:19	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:19	1
Sodium	11		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:19	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:19	1
Vanadium	0.011		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:19	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:19	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	170		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	75		5.0	5.0	mg/L			09/08/22 18:07	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	75		5.0	5.0	mg/L			09/08/22 18:07	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 18:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.13				SU			08/25/22 10:14	1

Client Sample ID: GWC-7

Date Collected: 08/25/22 11:07

Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-5

Matrix: Water

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.0		1.0	0.71	mg/L			09/01/22 17:06	1
Fluoride	0.051	J	0.10	0.026	mg/L			09/01/22 17:06	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 17:06	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:22	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:22	1
Barium	0.035		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:22	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:22	1
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 14:11	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-7

Lab Sample ID: 680-220282-5

Date Collected: 08/25/22 11:07

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:22	1
Calcium	16		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:22	1
Chromium	0.0085		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:22	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:22	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:22	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:22	1
Magnesium	7.3		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:22	1
Nickel	0.0015	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:22	1
Potassium	1.1		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:22	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:22	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:22	1
Sodium	8.8		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:22	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:22	1
Vanadium	0.014		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:22	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:22	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	150		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	76	+	5.0	5.0	mg/L			09/08/22 12:29	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	76		5.0	5.0	mg/L			09/08/22 12:29	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 12:29	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.31				SU			08/25/22 11:07	1

Client Sample ID: GWC-8A

Lab Sample ID: 680-220282-6

Date Collected: 08/25/22 12:34

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.5		1.0	0.71	mg/L			09/01/22 17:21	1
Fluoride	0.059	J	0.10	0.026	mg/L			09/01/22 17:21	1
Sulfate	22		1.0	0.76	mg/L			09/01/22 17:21	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:26	1
Arsenic	0.00048	J	0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:26	1
Barium	0.030		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:26	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:26	1
Boron	0.18	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 14:13	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:26	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-8A

Lab Sample ID: 680-220282-6

Date Collected: 08/25/22 12:34

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	39		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:26	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:26	1
Cobalt	0.0021	J	0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:26	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:26	1
Magnesium	18		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:26	1
Nickel	0.0053	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:26	1
Potassium	1.9		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:26	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:26	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:26	1
Sodium	12		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:26	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:26	1
Vanadium	0.0023		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:26	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:26	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	270		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	160	*+	5.0	5.0	mg/L			09/08/22 12:22	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	160		5.0	5.0	mg/L			09/08/22 12:22	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 12:22	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.29				SU			08/25/22 12:34	1

Client Sample ID: GWC-9

Lab Sample ID: 680-220282-7

Date Collected: 08/25/22 13:38

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.2		1.0	0.71	mg/L			09/01/22 17:35	1
Fluoride	0.064	J	0.10	0.026	mg/L			09/01/22 17:35	1
Sulfate	19		1.0	0.76	mg/L			09/01/22 17:35	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:29	1
Arsenic	0.00037	J	0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:29	1
Barium	0.040		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:29	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:29	1
Boron	0.13	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 14:16	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:29	1
Calcium	21		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:29	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-9

Lab Sample ID: 680-220282-7

Date Collected: 08/25/22 13:38

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0092		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:29	1
Cobalt	0.00053	J	0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:29	1
Copper	0.0017	J	0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:29	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:29	1
Magnesium	9.9		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:29	1
Nickel	0.0042	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:29	1
Potassium	1.4		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:29	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:29	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:29	1
Sodium	9.2		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:29	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:29	1
Vanadium	0.025		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:29	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:29	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	180		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	76		5.0	5.0	mg/L			09/08/22 22:11	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	76		5.0	5.0	mg/L			09/08/22 22:11	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:11	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.48				SU			08/25/22 13:38	1

Client Sample ID: GWC-10

Lab Sample ID: 680-220282-8

Date Collected: 08/25/22 09:35

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.0		1.0	0.71	mg/L			09/01/22 17:50	1
Fluoride	0.065	J	0.10	0.026	mg/L			09/01/22 17:50	1
Sulfate	3.7		1.0	0.76	mg/L			09/01/22 17:50	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:07	09/16/22 21:20	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:07	09/16/22 21:20	1
Barium	0.035		0.010	0.0031	mg/L		09/15/22 16:07	09/16/22 21:20	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:07	09/16/22 21:20	1
Boron	0.11		0.080	0.060	mg/L		09/15/22 16:07	09/16/22 21:20	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:07	09/16/22 21:20	1
Calcium	20		0.50	0.13	mg/L		09/15/22 16:07	09/16/22 21:20	1
Chromium	0.018		0.0020	0.0015	mg/L		09/15/22 16:07	09/16/22 21:20	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-10

Lab Sample ID: 680-220282-8

Date Collected: 08/25/22 09:35

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:07	09/16/22 21:20	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:07	09/16/22 21:20	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:07	09/16/22 21:20	1
Magnesium	9.8		0.50	0.050	mg/L		09/15/22 16:07	09/16/22 21:20	1
Nickel	0.0030		0.0010	0.00052	mg/L		09/15/22 16:07	09/16/22 21:20	1
Potassium	0.87		0.50	0.16	mg/L		09/15/22 16:07	09/16/22 21:20	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:07	09/16/22 21:20	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:07	09/16/22 21:20	1
Sodium	8.6		0.50	0.18	mg/L		09/15/22 16:07	09/16/22 21:20	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:07	09/16/22 21:20	1
Vanadium	0.011		0.0010	0.00078	mg/L		09/15/22 16:07	09/16/22 21:20	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:07	09/16/22 21:20	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	170		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	94	+	5.0	5.0	mg/L			09/08/22 12:35	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	94		5.0	5.0	mg/L			09/08/22 12:35	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 12:35	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.20				SU			08/25/22 09:35	1

Client Sample ID: GWC-11

Lab Sample ID: 680-220282-9

Date Collected: 08/25/22 15:41

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.71	mg/L			09/01/22 18:05	1
Fluoride	0.059	J	0.10	0.026	mg/L			09/01/22 18:05	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 18:05	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:07	09/16/22 21:24	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:07	09/16/22 21:24	1
Barium	0.018		0.010	0.0031	mg/L		09/15/22 16:07	09/16/22 21:24	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:07	09/16/22 21:24	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:07	09/16/22 21:24	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:07	09/16/22 21:24	1
Calcium	14		0.50	0.13	mg/L		09/15/22 16:07	09/16/22 21:24	1
Chromium	0.0069		0.0020	0.0015	mg/L		09/15/22 16:07	09/16/22 21:24	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:07	09/16/22 21:24	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-11

Lab Sample ID: 680-220282-9

Date Collected: 08/25/22 15:41

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:07	09/16/22 21:24	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:07	09/16/22 21:24	1
Magnesium	6.5		0.50	0.050	mg/L		09/15/22 16:07	09/16/22 21:24	1
Nickel	0.00081	J	0.0010	0.00052	mg/L		09/15/22 16:07	09/16/22 21:24	1
Potassium	0.68		0.50	0.16	mg/L		09/15/22 16:07	09/16/22 21:24	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:07	09/16/22 21:24	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:07	09/16/22 21:24	1
Sodium	4.7		0.50	0.18	mg/L		09/15/22 16:07	09/16/22 21:24	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:07	09/16/22 21:24	1
Vanadium	0.0099		0.0010	0.00078	mg/L		09/15/22 16:07	09/16/22 21:24	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:07	09/16/22 21:24	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	130		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	65		5.0	5.0	mg/L			09/08/22 21:57	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	65		5.0	5.0	mg/L			09/08/22 21:57	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:57	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.01				SU			08/25/22 15:41	1

Client Sample ID: GWA-15

Lab Sample ID: 680-220282-10

Date Collected: 08/25/22 15:08

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.9		1.0	0.71	mg/L			09/01/22 18:50	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/22 18:50	1
Sulfate	1.9		1.0	0.76	mg/L			09/01/22 18:50	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:07	09/16/22 21:27	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:07	09/16/22 21:27	1
Barium	0.012		0.010	0.0031	mg/L		09/15/22 16:07	09/16/22 21:27	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:07	09/16/22 21:27	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:07	09/16/22 21:27	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:07	09/16/22 21:27	1
Calcium	4.9		0.50	0.13	mg/L		09/15/22 16:07	09/16/22 21:27	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:07	09/16/22 21:27	1
Cobalt	0.0014	J	0.0025	0.00026	mg/L		09/15/22 16:07	09/16/22 21:27	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:07	09/16/22 21:27	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWA-15

Lab Sample ID: 680-220282-10

Date Collected: 08/25/22 15:08

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:07	09/16/22 21:27	1
Magnesium	2.3		0.50	0.050	mg/L		09/15/22 16:07	09/16/22 21:27	1
Nickel	0.0010		0.0010	0.00052	mg/L		09/15/22 16:07	09/16/22 21:27	1
Potassium	0.23 J		0.50	0.16	mg/L		09/15/22 16:07	09/16/22 21:27	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:07	09/16/22 21:27	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:07	09/16/22 21:27	1
Sodium	5.5		0.50	0.18	mg/L		09/15/22 16:07	09/16/22 21:27	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:07	09/16/22 21:27	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:07	09/16/22 21:27	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:07	09/16/22 21:27	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	86		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	21		5.0	5.0	mg/L			09/08/22 22:43	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	21		5.0	5.0	mg/L			09/08/22 22:43	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:43	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.40				SU			08/25/22 15:08	1

Client Sample ID: GWA-16

Lab Sample ID: 680-220282-11

Date Collected: 08/25/22 13:40

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.71	mg/L			09/01/22 19:05	1
Fluoride	0.047 J		0.10	0.026	mg/L			09/01/22 19:05	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 19:05	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:07	09/16/22 21:31	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:07	09/16/22 21:31	1
Barium	0.025		0.010	0.0031	mg/L		09/15/22 16:07	09/16/22 21:31	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:07	09/16/22 21:31	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:07	09/16/22 21:31	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:07	09/16/22 21:31	1
Calcium	13		0.50	0.13	mg/L		09/15/22 16:07	09/16/22 21:31	1
Chromium	0.0056		0.0020	0.0015	mg/L		09/15/22 16:07	09/16/22 21:31	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:07	09/16/22 21:31	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:07	09/16/22 21:31	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:07	09/16/22 21:31	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWA-16

Lab Sample ID: 680-220282-11

Date Collected: 08/25/22 13:40

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	3.9		0.50	0.050	mg/L		09/15/22 16:07	09/16/22 21:31	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:07	09/16/22 21:31	1
Potassium	0.82		0.50	0.16	mg/L		09/15/22 16:07	09/16/22 21:31	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:07	09/16/22 21:31	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:07	09/16/22 21:31	1
Sodium	8.6		0.50	0.18	mg/L		09/15/22 16:07	09/16/22 21:31	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:07	09/16/22 21:31	1
Vanadium	0.0079		0.0010	0.00078	mg/L		09/15/22 16:07	09/16/22 21:31	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:07	09/16/22 21:31	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	130		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	61		5.0	5.0	mg/L			09/08/22 22:50	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	61		5.0	5.0	mg/L			09/08/22 22:50	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:50	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.42				SU			08/25/22 13:40	1

Client Sample ID: GWC-18

Lab Sample ID: 680-220282-12

Date Collected: 08/25/22 11:57

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.8		1.0	0.71	mg/L			09/01/22 19:19	1
Fluoride	0.047	J	0.10	0.026	mg/L			09/01/22 19:19	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 19:19	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/16/22 01:08	09/16/22 21:34	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/16/22 01:08	09/16/22 21:34	1
Barium	0.035		0.010	0.0031	mg/L		09/16/22 01:08	09/16/22 21:34	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/16/22 01:08	09/16/22 21:34	1
Boron	<0.060		0.080	0.060	mg/L		09/16/22 01:08	09/16/22 21:34	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/16/22 01:08	09/16/22 21:34	1
Calcium	11		0.50	0.13	mg/L		09/16/22 01:08	09/16/22 21:34	1
Chromium	0.012		0.0020	0.0015	mg/L		09/16/22 01:08	09/16/22 21:34	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/16/22 01:08	09/16/22 21:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/16/22 01:08	09/16/22 21:34	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/16/22 01:08	09/16/22 21:34	1
Magnesium	5.0		0.50	0.050	mg/L		09/16/22 01:08	09/16/22 21:34	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-18

Lab Sample ID: 680-220282-12

Date Collected: 08/25/22 11:57

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00052		0.0010	0.00052	mg/L		09/16/22 01:08	09/16/22 21:34	1
Potassium	0.66		0.50	0.16	mg/L		09/16/22 01:08	09/16/22 21:34	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/16/22 01:08	09/16/22 21:34	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/16/22 01:08	09/16/22 21:34	1
Sodium	7.2		0.50	0.18	mg/L		09/16/22 01:08	09/16/22 21:34	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/16/22 01:08	09/16/22 21:34	1
Vanadium	0.0070		0.0010	0.00078	mg/L		09/16/22 01:08	09/16/22 21:34	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/16/22 01:08	09/16/22 21:34	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	130		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	58		5.0	5.0	mg/L			09/08/22 19:14	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	58		5.0	5.0	mg/L			09/08/22 19:14	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 19:14	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.45				SU			08/25/22 11:57	1

Client Sample ID: GWC-19

Lab Sample ID: 680-220282-13

Date Collected: 08/25/22 09:09

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.4		1.0	0.71	mg/L			09/01/22 20:04	1
Fluoride	0.042	J	0.10	0.026	mg/L			09/01/22 20:04	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 20:04	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/16/22 01:08	09/16/22 21:38	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/16/22 01:08	09/16/22 21:38	1
Barium	0.030		0.010	0.0031	mg/L		09/16/22 01:08	09/16/22 21:38	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/16/22 01:08	09/16/22 21:38	1
Boron	<0.060		0.080	0.060	mg/L		09/16/22 01:08	09/16/22 21:38	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/16/22 01:08	09/16/22 21:38	1
Calcium	18		0.50	0.13	mg/L		09/16/22 01:08	09/16/22 21:38	1
Chromium	0.015		0.0020	0.0015	mg/L		09/16/22 01:08	09/16/22 21:38	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/16/22 01:08	09/16/22 21:38	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/16/22 01:08	09/16/22 21:38	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/16/22 01:08	09/16/22 21:38	1
Magnesium	8.3		0.50	0.050	mg/L		09/16/22 01:08	09/16/22 21:38	1
Nickel	0.0017		0.0010	0.00052	mg/L		09/16/22 01:08	09/16/22 21:38	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-19

Lab Sample ID: 680-220282-13

Date Collected: 08/25/22 09:09

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1.1		0.50	0.16	mg/L		09/16/22 01:08	09/16/22 21:38	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/16/22 01:08	09/16/22 21:38	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/16/22 01:08	09/16/22 21:38	1
Sodium	8.9		0.50	0.18	mg/L		09/16/22 01:08	09/16/22 21:38	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/16/22 01:08	09/16/22 21:38	1
Vanadium	0.0068		0.0010	0.00078	mg/L		09/16/22 01:08	09/16/22 21:38	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/16/22 01:08	09/16/22 21:38	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 16:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	150		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	93		5.0	5.0	mg/L			09/08/22 20:59	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	93		5.0	5.0	mg/L			09/08/22 20:59	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 20:59	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.36				SU			08/25/22 09:09	1

Client Sample ID: GWC-20

Lab Sample ID: 680-220282-14

Date Collected: 08/25/22 10:43

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.1		1.0	0.71	mg/L			09/01/22 20:19	1
Fluoride	0.050	J	0.10	0.026	mg/L			09/01/22 20:19	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 20:19	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 15:39	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 15:39	1
Barium	0.031		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 15:39	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 15:39	1
Boron	0.12		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 15:39	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 15:39	1
Calcium	15		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 15:39	1
Chromium	0.0079		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 15:39	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 15:39	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 15:39	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 15:39	1
Magnesium	6.4		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 15:39	1
Nickel	0.00074	J	0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 15:39	1
Potassium	0.94		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 15:39	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-20

Lab Sample ID: 680-220282-14

Date Collected: 08/25/22 10:43

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 15:39	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 15:39	1
Sodium	6.6		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 15:39	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 15:39	1
Vanadium	0.018		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 15:39	1
Zinc	0.0063		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 15:39	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 16:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	140		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	75		5.0	5.0	mg/L			09/08/22 21:13	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	75		5.0	5.0	mg/L			09/08/22 21:13	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:13	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.62				SU			08/25/22 10:43	1

Client Sample ID: FB-4

Lab Sample ID: 680-220282-15

Date Collected: 08/25/22 09:22

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 20:34	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/22 20:34	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 20:34	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 15:42	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 15:42	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 15:42	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 15:42	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 15:42	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 15:42	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 15:42	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 15:42	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 15:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 15:42	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 15:42	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 15:42	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 15:42	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 15:42	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 15:42	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: FB-4

Lab Sample ID: 680-220282-15

Date Collected: 08/25/22 09:22

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 15:42	1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 15:42	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 15:42	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 15:42	1
Zinc	0.0051		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 15:42	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 16:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	19		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:19	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:19	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:19	1

Client Sample ID: EB-4

Lab Sample ID: 680-220282-16

Date Collected: 08/25/22 09:30

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 20:49	1
Fluoride	0.026	J	0.10	0.026	mg/L			09/01/22 20:49	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 20:49	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 15:46	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 15:46	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 15:46	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 15:46	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 15:46	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 15:46	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 15:46	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 15:46	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 15:46	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 15:46	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 15:46	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 15:46	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 15:46	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 15:46	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 15:46	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 15:46	1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 15:46	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 15:46	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 15:46	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: EB-4

Lab Sample ID: 680-220282-16

Date Collected: 08/25/22 09:30

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 15:46	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 16:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	19	H	10	10	mg/L			09/14/22 13:24	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:24	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:24	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:24	1

Client Sample ID: FB-5

Lab Sample ID: 680-220282-17

Date Collected: 08/25/22 15:18

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 21:03	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/22 21:03	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 21:03	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 15:56	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 15:56	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 15:56	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 15:56	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 15:56	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 15:56	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 15:56	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 15:56	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 15:56	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 15:56	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 15:56	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 15:56	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 15:56	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 15:56	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 15:56	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 15:56	1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 15:56	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 15:56	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 15:56	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 15:56	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 16:05	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: FB-5
Date Collected: 08/25/22 15:18
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-17
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	36		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:37	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:37	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:37	1

Client Sample ID: DUP-5
Date Collected: 08/25/22 00:00
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-18
Matrix: Water

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.71	mg/L			09/01/22 21:18	1
Fluoride	0.082	J	0.10	0.026	mg/L			09/01/22 21:18	1
Sulfate	19		1.0	0.76	mg/L			09/01/22 21:18	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 16:00	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 16:00	1
Barium	0.056		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 16:00	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 16:00	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 16:00	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 16:00	1
Calcium	17		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 16:00	1
Chromium	0.0036		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 16:00	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 16:00	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 16:00	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 16:00	1
Magnesium	9.9		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 16:00	1
Nickel	0.00088	J	0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 16:00	1
Potassium	1.3		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 16:00	1
Selenium	0.0012	J	0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 16:00	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 16:00	1
Sodium	12		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 16:00	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 16:00	1
Vanadium	0.0061		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 16:00	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 16:00	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 16:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	170		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	68		5.0	5.0	mg/L			09/08/22 22:30	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	68		5.0	5.0	mg/L			09/08/22 22:30	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: DUP-5

Lab Sample ID: 680-220282-18

Date Collected: 08/25/22 00:00

Matrix: Water

Date Received: 08/27/22 09:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:30	1

Client Sample ID: GWC-2

Lab Sample ID: 680-220286-1

Date Collected: 08/26/22 08:56

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.1		1.0	0.71	mg/L			09/01/22 23:39	1
Fluoride	0.048	J	0.10	0.026	mg/L			09/01/22 23:39	1
Sulfate	1.1		1.0	0.76	mg/L			09/01/22 23:39	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 16:03	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 16:03	1
Barium	0.045		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 16:03	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 16:03	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 16:03	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 16:03	1
Calcium	18		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 16:03	1
Chromium	0.0095		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 16:03	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 16:03	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 16:03	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 16:03	1
Magnesium	7.6		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 16:03	1
Nickel	0.0020		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 16:03	1
Potassium	1.1		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 16:03	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 16:03	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 16:03	1
Sodium	8.6		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 16:03	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 16:03	1
Vanadium	0.015		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 16:03	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 16:03	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:56	09/13/22 15:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	180		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	97	H	5.0	5.0	mg/L			09/14/22 00:34	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	97	H	5.0	5.0	mg/L			09/14/22 00:34	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 00:34	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-2
Date Collected: 08/26/22 08:56
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-1
Matrix: Water

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.37				SU			08/26/22 08:56	1

Client Sample ID: GWC-12
Date Collected: 08/26/22 09:51
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-2
Matrix: Water

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.71	mg/L			09/02/22 01:01	1
Fluoride	0.026	J	0.10	0.026	mg/L			09/02/22 01:01	1
Sulfate	0.77	J	1.0	0.76	mg/L			09/02/22 01:01	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 16:07	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 16:07	1
Barium	0.018		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 16:07	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 16:07	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 16:07	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 16:07	1
Calcium	0.99		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 16:07	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 16:07	1
Cobalt	0.00033	J	0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 16:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 16:07	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 16:07	1
Magnesium	0.91		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 16:07	1
Nickel	0.00096	J	0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 16:07	1
Potassium	0.27	J	0.50	0.16	mg/L		09/15/22 16:10	09/16/22 16:07	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 16:07	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 16:07	1
Sodium	2.5		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 16:07	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 16:07	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 16:07	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 16:07	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:56	09/13/22 15:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	29		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	9.2		5.0	5.0	mg/L			09/08/22 21:36	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	9.2		5.0	5.0	mg/L			09/08/22 21:36	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.07				SU			08/26/22 09:51	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-13

Lab Sample ID: 680-220286-3

Date Collected: 08/26/22 08:45

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.71	mg/L			09/02/22 02:08	1
Fluoride	0.055	J	0.10	0.026	mg/L			09/02/22 02:08	1
Sulfate	1.3		1.0	0.76	mg/L			09/02/22 02:08	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 16:10	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 16:10	1
Barium	0.035		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 16:10	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 16:10	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 16:10	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 16:10	1
Calcium	7.5		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 16:10	1
Chromium	0.0043		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 16:10	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 16:10	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 16:10	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 16:10	1
Magnesium	4.5		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 16:10	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 16:10	1
Potassium	0.46	J	0.50	0.16	mg/L		09/15/22 16:10	09/16/22 16:10	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 16:10	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 16:10	1
Sodium	5.8		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 16:10	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 16:10	1
Vanadium	0.0016		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 16:10	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 16:10	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:56	09/13/22 15:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	84		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	49	H	5.0	5.0	mg/L			09/14/22 01:24	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	49	H	5.0	5.0	mg/L			09/14/22 01:24	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 01:24	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.91				SU			08/26/22 08:45	1

Client Sample ID: GWC-14

Lab Sample ID: 680-220286-4

Date Collected: 08/26/22 09:25

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.3		1.0	0.71	mg/L			09/02/22 01:41	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-14

Lab Sample ID: 680-220286-4

Date Collected: 08/26/22 09:25

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.068	J	0.10	0.026	mg/L			09/02/22 01:41	1
Sulfate	0.79	J	1.0	0.76	mg/L			09/02/22 01:41	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 16:14	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 16:14	1
Barium	0.011		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 16:14	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 16:14	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 16:14	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 16:14	1
Calcium	7.0		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 16:14	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 16:14	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 16:14	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 16:14	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 16:14	1
Magnesium	3.4		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 16:14	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 16:14	1
Potassium	0.39	J	0.50	0.16	mg/L		09/15/22 16:10	09/16/22 16:14	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 16:14	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 16:14	1
Sodium	3.2		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 16:14	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 16:14	1
Vanadium	0.0017		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 16:14	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 16:14	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:56	09/13/22 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	91		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	35	H	5.0	5.0	mg/L			09/14/22 00:18	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	35	H	5.0	5.0	mg/L			09/14/22 00:18	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 00:18	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.51				SU			08/26/22 09:25	1

Client Sample ID: EB-5

Lab Sample ID: 680-220286-5

Date Collected: 08/26/22 09:40

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/02/22 01:55	1
Fluoride	0.060	J	0.10	0.026	mg/L			09/02/22 01:55	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: EB-5

Lab Sample ID: 680-220286-5

Date Collected: 08/26/22 09:40

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.76		1.0	0.76	mg/L			09/02/22 01:55	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 16:17	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 16:17	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 16:17	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 16:17	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 16:17	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 16:17	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 16:17	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 16:17	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 16:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 16:17	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 16:17	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 16:17	1
Nickel	0.00090	J	0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 16:17	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 16:17	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 16:17	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 16:17	1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 16:17	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 16:17	1
Vanadium	0.00080	J	0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 16:17	1
Zinc	0.0061		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 16:17	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:56	09/13/22 15:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	50		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 01:43	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 01:43	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 01:43	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 180-410671/50
Matrix: Water
Analysis Batch: 410671

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 00:49	1
Fluoride	0.0265	J	0.10	0.026	mg/L			09/01/22 00:49	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 00:49	1

Lab Sample ID: LCS 180-410671/51
Matrix: Water
Analysis Batch: 410671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	50.7		mg/L		101	90 - 110
Fluoride	2.50	2.56		mg/L		103	90 - 110
Sulfate	50.0	49.7		mg/L		99	90 - 110

Lab Sample ID: 180-143554-A-2 MS
Matrix: Water
Analysis Batch: 410671

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	26		50.0	76.9		mg/L		103	90 - 110
Fluoride	0.093	J B	2.50	2.62		mg/L		101	90 - 110
Sulfate	4.6		50.0	55.8		mg/L		102	90 - 110

Lab Sample ID: 180-143554-A-2 MSD
Matrix: Water
Analysis Batch: 410671

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	26		50.0	75.5		mg/L		100	90 - 110	2	20
Fluoride	0.093	J B	2.50	2.58		mg/L		99	90 - 110	2	20
Sulfate	4.6		50.0	54.4		mg/L		100	90 - 110	3	20

Lab Sample ID: MB 180-410801/6
Matrix: Water
Analysis Batch: 410801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 11:26	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/22 11:26	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 11:26	1

Lab Sample ID: LCS 180-410801/7
Matrix: Water
Analysis Batch: 410801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	51.5		mg/L		103	90 - 110
Fluoride	2.50	2.64		mg/L		106	90 - 110
Sulfate	50.0	50.7		mg/L		101	90 - 110

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-220282-9 MS
Matrix: Water
Analysis Batch: 410801

Client Sample ID: GWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.8		50.0	53.3		mg/L		103	90 - 110
Fluoride	0.059	J	2.50	2.66		mg/L		104	90 - 110
Sulfate	<0.76		50.0	51.0		mg/L		102	90 - 110

Lab Sample ID: 680-220282-9 MSD
Matrix: Water
Analysis Batch: 410801

Client Sample ID: GWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.8		50.0	51.0		mg/L		98	90 - 110	4	20
Fluoride	0.059	J	2.50	2.54		mg/L		99	90 - 110	5	20
Sulfate	<0.76		50.0	48.6		mg/L		97	90 - 110	5	20

Lab Sample ID: MB 180-410826/36
Matrix: Water
Analysis Batch: 410826

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 20:43	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/22 20:43	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 20:43	1

Lab Sample ID: LCS 180-410826/37
Matrix: Water
Analysis Batch: 410826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	52.2		mg/L		104	90 - 110
Fluoride	2.50	2.59		mg/L		104	90 - 110
Sulfate	50.0	51.1		mg/L		102	90 - 110

Lab Sample ID: 680-220286-2 MS
Matrix: Water
Analysis Batch: 410826

Client Sample ID: GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.7		50.0	53.0		mg/L		102	90 - 110
Fluoride	0.026	J	2.50	2.62		mg/L		105	90 - 110
Sulfate	0.77	J	50.0	51.7		mg/L		102	90 - 110

Lab Sample ID: 680-220286-2 MSD
Matrix: Water
Analysis Batch: 410826

Client Sample ID: GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.7		50.0	52.9		mg/L		102	90 - 110	0	20
Fluoride	0.026	J	2.50	2.62		mg/L		105	90 - 110	0	20
Sulfate	0.77	J	50.0	51.0		mg/L		100	90 - 110	1	20

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-411924/1-A
Matrix: Water
Analysis Batch: 412084

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	0.00118	J	0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 17:05	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 17:05	1
Barium	<0.0031		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 17:05	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 17:05	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 17:05	1
Calcium	<0.13		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 17:05	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 17:05	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 17:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 17:05	1
Lead	0.000294	J	0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 17:05	1
Magnesium	<0.050		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 17:05	1
Nickel	0.000610	J	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 17:05	1
Potassium	<0.16		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 17:05	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 17:05	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 17:05	1
Sodium	<0.18		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 17:05	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 17:05	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 17:05	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 17:05	1

Lab Sample ID: MB 180-411924/1-A
Matrix: Water
Analysis Batch: 412391

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 13:20	1

Lab Sample ID: LCS 180-411924/2-A
Matrix: Water
Analysis Batch: 412084

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.00	1.07		mg/L		107	80 - 120
Barium	1.00	1.00		mg/L		100	80 - 120
Beryllium	0.500	0.543		mg/L		109	80 - 120
Cadmium	0.500	0.506		mg/L		101	80 - 120
Calcium	25.0	29.0		mg/L		116	80 - 120
Chromium	0.500	0.504		mg/L		101	80 - 120
Cobalt	0.500	0.531		mg/L		106	80 - 120
Copper	0.500	0.509		mg/L		102	80 - 120
Lead	0.500	0.522		mg/L		104	80 - 120
Magnesium	25.0	26.3		mg/L		105	80 - 120
Nickel	0.500	0.533		mg/L		107	80 - 120
Potassium	25.0	26.5		mg/L		106	80 - 120
Selenium	1.00	0.980		mg/L		98	80 - 120
Silver	0.250	0.257		mg/L		103	80 - 120
Sodium	25.0	26.8		mg/L		107	80 - 120
Thallium	1.00	1.05		mg/L		105	80 - 120

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-411924/2-A
Matrix: Water
Analysis Batch: 412084

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	0.500	0.508		mg/L		102	80 - 120
Zinc	0.250	0.273		mg/L		109	80 - 120

Lab Sample ID: LCS 180-411924/2-A
Matrix: Water
Analysis Batch: 412391

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.25	1.27	^6+	mg/L		101	80 - 120

Lab Sample ID: 180-143834-J-1-B MS
Matrix: Water
Analysis Batch: 412084

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0022	B	0.250	0.274		mg/L		109	75 - 125
Arsenic	0.013		1.00	1.06		mg/L		104	75 - 125
Barium	0.050		1.00	1.04		mg/L		99	75 - 125
Beryllium	<0.00027		0.500	0.527		mg/L		105	75 - 125
Cadmium	0.00023	J	0.500	0.487		mg/L		97	75 - 125
Calcium	32		25.0	61.1		mg/L		116	75 - 125
Chromium	0.017		0.500	0.495		mg/L		96	75 - 125
Cobalt	0.0010	J	0.500	0.511		mg/L		102	75 - 125
Copper	0.028		0.500	0.515		mg/L		97	75 - 125
Lead	0.026	B	0.500	0.533		mg/L		101	75 - 125
Magnesium	38		25.0	64.1		mg/L		105	75 - 125
Nickel	0.0051	B	0.500	0.515		mg/L		102	75 - 125
Potassium	20		25.0	46.1		mg/L		104	75 - 125
Selenium	<0.00074		1.00	0.904		mg/L		90	75 - 125
Silver	<0.00022		0.250	0.248		mg/L		99	75 - 125
Sodium	440		25.0	473	4	mg/L		140	75 - 125
Thallium	<0.00047		1.00	1.02		mg/L		102	75 - 125
Vanadium	0.0052		0.500	0.496		mg/L		98	75 - 125
Zinc	0.050		0.250	0.305		mg/L		102	75 - 125

Lab Sample ID: 180-143834-J-1-B MS
Matrix: Water
Analysis Batch: 412391

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.41	^6+	1.25	1.75	^6+	mg/L		108	75 - 125

Lab Sample ID: 180-143834-J-1-C MSD
Matrix: Water
Analysis Batch: 412084

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Antimony	0.0022	B	0.250	0.277		mg/L		110	75 - 125	1	20
Arsenic	0.013		1.00	1.05		mg/L		104	75 - 125	1	20
Barium	0.050		1.00	1.04		mg/L		99	75 - 125	0	20

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-143834-J-1-C MSD
Matrix: Water
Analysis Batch: 412084

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier		Result	Qualifier				Limits		Limit
Beryllium	<0.00027		0.500	0.531		mg/L		106	75 - 125	1	20
Cadmium	0.00023	J	0.500	0.490		mg/L		98	75 - 125	1	20
Calcium	32		25.0	60.2		mg/L		112	75 - 125	2	20
Chromium	0.017		0.500	0.496		mg/L		96	75 - 125	0	20
Cobalt	0.0010	J	0.500	0.511		mg/L		102	75 - 125	0	20
Copper	0.028		0.500	0.518		mg/L		98	75 - 125	1	20
Lead	0.026	B	0.500	0.535		mg/L		102	75 - 125	0	20
Magnesium	38		25.0	63.6		mg/L		103	75 - 125	1	20
Nickel	0.0051	B	0.500	0.513		mg/L		102	75 - 125	0	20
Potassium	20		25.0	45.7		mg/L		102	75 - 125	1	20
Selenium	<0.00074		1.00	0.928		mg/L		93	75 - 125	3	20
Silver	<0.00022		0.250	0.251		mg/L		100	75 - 125	1	20
Sodium	440		25.0	461	4	mg/L		92	75 - 125	3	20
Thallium	<0.00047		1.00	1.02		mg/L		102	75 - 125	0	20
Vanadium	0.0052		0.500	0.491		mg/L		97	75 - 125	1	20
Zinc	0.050		0.250	0.306		mg/L		102	75 - 125	1	20

Lab Sample ID: 180-143834-J-1-C MSD
Matrix: Water
Analysis Batch: 412391

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier		Result	Qualifier				Limits		Limit
Boron	0.41	^6+	1.25	1.69	^6+ ^+	mg/L		103	75 - 125	3	20

Lab Sample ID: MB 180-412195/1-A
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 412195

Analyte	MB	MB	RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier									
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:07	09/17/22 00:36			1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:07	09/17/22 00:36			1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 16:07	09/17/22 00:36			1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:07	09/17/22 00:36			1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:07	09/17/22 00:36			1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:07	09/17/22 00:36			1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 16:07	09/17/22 00:36			1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:07	09/17/22 00:36			1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:07	09/17/22 00:36			1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:07	09/17/22 00:36			1
Lead	0.000177	J	0.0010	0.00017	mg/L		09/15/22 16:07	09/17/22 00:36			1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 16:07	09/17/22 00:36			1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:07	09/17/22 00:36			1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 16:07	09/17/22 00:36			1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:07	09/17/22 00:36			1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:07	09/17/22 00:36			1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 16:07	09/17/22 00:36			1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:07	09/17/22 00:36			1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:07	09/17/22 00:36			1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:07	09/17/22 00:36			1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-412195/2-A
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 412195

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.250	0.287	^+	mg/L		115	80 - 120
Arsenic	1.00	1.04		mg/L		104	80 - 120
Barium	1.00	1.17		mg/L		117	80 - 120
Beryllium	0.500	0.544		mg/L		109	80 - 120
Boron	1.25	1.32		mg/L		106	80 - 120
Cadmium	0.500	0.529		mg/L		106	80 - 120
Calcium	25.0	30.0		mg/L		120	80 - 120
Chromium	0.500	0.531		mg/L		106	80 - 120
Cobalt	0.500	0.517		mg/L		103	80 - 120
Copper	0.500	0.498		mg/L		100	80 - 120
Lead	0.500	0.532		mg/L		106	80 - 120
Magnesium	25.0	26.2		mg/L		105	80 - 120
Nickel	0.500	0.517		mg/L		103	80 - 120
Potassium	25.0	26.1		mg/L		105	80 - 120
Selenium	1.00	0.986		mg/L		99	80 - 120
Silver	0.250	0.251		mg/L		100	80 - 120
Sodium	25.0	26.4		mg/L		106	80 - 120
Thallium	1.00	1.07		mg/L		107	80 - 120
Vanadium	0.500	0.525		mg/L		105	80 - 120
Zinc	0.250	0.262		mg/L		105	80 - 120

Lab Sample ID: 180-143559-D-1-I MS
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 412195

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.250	0.291		mg/L		116	75 - 125
Barium	0.63	F1	1.00	1.16	F1	mg/L		53	75 - 125
Beryllium	<0.0014		0.500	0.530		mg/L		106	75 - 125
Boron			1.25	1.39		mg/L			
Cadmium	<0.0011		0.500	0.529		mg/L		106	75 - 125
Calcium	490		25.0	127	4	mg/L		-1471	75 - 125
Cobalt	0.013		0.500	0.507		mg/L		99	75 - 125
Lead	0.00089	J B	0.500	0.526		mg/L		105	75 - 125
Magnesium	32	F1	25.0	32.0	F1	mg/L		1	75 - 125
Nickel	0.020		0.500	0.505		mg/L		97	75 - 125
Potassium	15	F1	25.0	28.4	F1	mg/L		55	75 - 125
Selenium	<0.0037		1.00	0.976		mg/L		98	75 - 125
Silver	<0.0011		0.250	0.250		mg/L		100	75 - 125
Sodium	150		25.0	56.3	4	mg/L		-380	75 - 125
Thallium	<0.0024		1.00	1.06		mg/L		106	75 - 125
Vanadium	0.018		0.500	0.527		mg/L		102	75 - 125
Zinc	0.025		0.250	0.267		mg/L		97	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-143559-D-1-J MSD
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 412195

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.0025		0.250	0.289		mg/L		116	75 - 125	1	20
Barium	0.63	F1	1.00	1.19	F1	mg/L		55	75 - 125	2	20
Beryllium	<0.0014		0.500	0.538		mg/L		108	75 - 125	2	20
Boron			1.25	1.48		mg/L					
Cadmium	<0.0011		0.500	0.538		mg/L		108	75 - 125	2	20
Calcium	490		25.0	128	4	mg/L		-1467	75 - 125	1	20
Cobalt	0.013		0.500	0.517		mg/L		101	75 - 125	2	20
Lead	0.00089	J B	0.500	0.530		mg/L		106	75 - 125	1	20
Magnesium	32	F1	25.0	32.5	F1	mg/L		3	75 - 125	1	20
Nickel	0.020		0.500	0.520		mg/L		100	75 - 125	3	20
Potassium	15	F1	25.0	28.6	F1	mg/L		55	75 - 125	1	20
Selenium	<0.0037		1.00	0.980		mg/L		98	75 - 125	0	20
Silver	<0.0011		0.250	0.252		mg/L		101	75 - 125	1	20
Sodium	150		25.0	56.9	4	mg/L		-378	75 - 125	1	20
Thallium	<0.0024		1.00	1.07		mg/L		107	75 - 125	1	20
Vanadium	0.018		0.500	0.537		mg/L		104	75 - 125	2	20
Zinc	0.025		0.250	0.266		mg/L		96	75 - 125	0	20

Lab Sample ID: MB 180-412196/1-A
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 412196

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 15:32	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 15:32	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 15:32	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 15:32	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 15:32	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 15:32	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 15:32	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 15:32	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 15:32	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 15:32	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 15:32	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 15:32	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 15:32	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 15:32	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 15:32	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 15:32	1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 15:32	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 15:32	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 15:32	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 15:32	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-412196/2-A
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 412196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.250	0.288		mg/L		115	80 - 120
Arsenic	1.00	0.999		mg/L		100	80 - 120
Barium	1.00	1.02		mg/L		102	80 - 120
Beryllium	0.500	0.511		mg/L		102	80 - 120
Boron	1.25	1.30		mg/L		104	80 - 120
Cadmium	0.500	0.517		mg/L		103	80 - 120
Calcium	25.0	29.6		mg/L		118	80 - 120
Chromium	0.500	0.512		mg/L		102	80 - 120
Cobalt	0.500	0.496		mg/L		99	80 - 120
Copper	0.500	0.478		mg/L		96	80 - 120
Lead	0.500	0.515		mg/L		103	80 - 120
Magnesium	25.0	25.6		mg/L		102	80 - 120
Nickel	0.500	0.497		mg/L		99	80 - 120
Potassium	25.0	25.5		mg/L		102	80 - 120
Selenium	1.00	0.982		mg/L		98	80 - 120
Silver	0.250	0.248		mg/L		99	80 - 120
Sodium	25.0	25.8		mg/L		103	80 - 120
Thallium	1.00	1.04		mg/L		104	80 - 120
Vanadium	0.500	0.509		mg/L		102	80 - 120
Zinc	0.250	0.260		mg/L		104	80 - 120

Lab Sample ID: 180-143337-C-8-B MS
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 412196

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00051		0.250	0.291		mg/L		117	75 - 125
Arsenic	<0.00028		1.00	1.03		mg/L		103	75 - 125
Barium	0.014	F2 F1	1.00	1.06		mg/L		104	75 - 125
Beryllium	<0.00027		0.500	0.529		mg/L		106	75 - 125
Boron	<0.060		1.25	1.37		mg/L		110	75 - 125
Cadmium	<0.00022		0.500	0.523		mg/L		105	75 - 125
Calcium	51	F1	25.0	80.6		mg/L		118	75 - 125
Chromium	0.0055		0.500	0.521		mg/L		103	75 - 125
Cobalt	<0.00026		0.500	0.502		mg/L		100	75 - 125
Copper	0.0015	J	0.500	0.487		mg/L		97	75 - 125
Lead	<0.00017		0.500	0.520		mg/L		104	75 - 125
Magnesium	18		25.0	43.3		mg/L		102	75 - 125
Nickel	0.0046		0.500	0.503		mg/L		100	75 - 125
Potassium	0.96		25.0	26.3		mg/L		101	75 - 125
Selenium	<0.00074		1.00	0.943		mg/L		94	75 - 125
Silver	<0.00022		0.250	0.252		mg/L		101	75 - 125
Sodium	9.1		25.0	34.8		mg/L		103	75 - 125
Thallium	<0.00047		1.00	1.06		mg/L		106	75 - 125
Vanadium	0.0013		0.500	0.518		mg/L		103	75 - 125
Zinc	<0.0029		0.250	0.264		mg/L		105	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-143337-C-8-C MSD
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 412196

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00051		0.250	0.299		mg/L		119	75 - 125	2	20
Arsenic	<0.00028		1.00	1.04		mg/L		104	75 - 125	1	20
Barium	0.014	F2 F1	1.00	1.61	F1 F2	mg/L		160	75 - 125	42	20
Beryllium	<0.00027		0.500	0.567		mg/L		113	75 - 125	7	20
Boron	<0.060		1.25	1.48		mg/L		118	75 - 125	7	20
Cadmium	<0.00022		0.500	0.535		mg/L		107	75 - 125	2	20
Calcium	51	F1	25.0	84.0	F1	mg/L		131	75 - 125	4	20
Chromium	0.0055		0.500	0.535		mg/L		106	75 - 125	3	20
Cobalt	<0.00026		0.500	0.509		mg/L		102	75 - 125	1	20
Copper	0.0015	J	0.500	0.496		mg/L		99	75 - 125	2	20
Lead	<0.00017		0.500	0.535		mg/L		107	75 - 125	3	20
Magnesium	18		25.0	45.1		mg/L		109	75 - 125	4	20
Nickel	0.0046		0.500	0.511		mg/L		101	75 - 125	2	20
Potassium	0.96		25.0	27.6		mg/L		107	75 - 125	5	20
Selenium	<0.00074		1.00	0.947		mg/L		95	75 - 125	0	20
Silver	<0.00022		0.250	0.258		mg/L		103	75 - 125	2	20
Sodium	9.1		25.0	36.6		mg/L		110	75 - 125	5	20
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125	2	20
Vanadium	0.0013		0.500	0.525		mg/L		105	75 - 125	1	20
Zinc	<0.0029		0.250	0.272		mg/L		109	75 - 125	3	20

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-411760/1-A
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 411760

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:53	09/13/22 14:34	1

Lab Sample ID: LCS 180-411760/2-A
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 411760

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
Mercury	0.00250	0.00254		mg/L		101	80 - 120

Lab Sample ID: 180-143622-B-2-A MS
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 411760

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	<0.00013		0.00100	0.000854		mg/L		85	75 - 125

Lab Sample ID: 180-143622-B-2-B MSD
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 411760

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	<0.00013		0.00100	0.000853		mg/L		85	75 - 125	0	20

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-411762/1-A
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 411762

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:56	09/13/22 15:08	1

Lab Sample ID: LCS 180-411762/2-A
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 411762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00251		mg/L		100	80 - 120

Lab Sample ID: 180-143559-D-1-B MS
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 411762

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00013		0.00100	0.000928		mg/L		93	75 - 125

Lab Sample ID: 180-143559-D-1-C MSD
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 411762

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.000929		mg/L		93	75 - 125	0	20

Lab Sample ID: MB 180-411763/1-A
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 411763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:39	1

Lab Sample ID: LCS 180-411763/2-A
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 411763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00253		mg/L		101	80 - 120

Lab Sample ID: 680-220282-1 MS
Matrix: Water
Analysis Batch: 411931

Client Sample ID: GWC-3
Prep Type: Total/NA
Prep Batch: 411763

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00013		0.00100	0.000910		mg/L		91	75 - 125

Lab Sample ID: 680-220282-1 MSD
Matrix: Water
Analysis Batch: 411931

Client Sample ID: GWC-3
Prep Type: Total/NA
Prep Batch: 411763

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.000963		mg/L		96	75 - 125	6	20

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-410543/2
Matrix: Water
Analysis Batch: 410543

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/30/22 16:47	1

Lab Sample ID: LCS 180-410543/1
Matrix: Water
Analysis Batch: 410543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	194		mg/L		104	85 - 115

Lab Sample ID: 180-143516-C-4 DU
Matrix: Water
Analysis Batch: 410543

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	16		<10		mg/L		NC	10

Lab Sample ID: 180-143517-C-7 DU
Matrix: Water
Analysis Batch: 410543

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	<10		<10		mg/L		NC	10

Lab Sample ID: MB 180-410687/2
Matrix: Water
Analysis Batch: 410687

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/31/22 13:46	1

Lab Sample ID: LCS 180-410687/1
Matrix: Water
Analysis Batch: 410687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	198		mg/L		106	85 - 115

Lab Sample ID: 180-143622-C-2 DU
Matrix: Water
Analysis Batch: 410687

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	3400		3560		mg/L		4	10

Lab Sample ID: MB 180-410861/2
Matrix: Water
Analysis Batch: 410861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/01/22 16:16	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: LCS 180-410861/1
Matrix: Water
Analysis Batch: 410861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	212		mg/L		114	85 - 115

Lab Sample ID: 180-143622-C-9 DU
Matrix: Water
Analysis Batch: 410861

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	110		103		mg/L		4	10

Lab Sample ID: 180-143626-C-1 DU
Matrix: Water
Analysis Batch: 410861

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	410		422		mg/L		3	10

Lab Sample ID: MB 180-410863/2
Matrix: Water
Analysis Batch: 410863

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/01/22 16:20	1

Lab Sample ID: LCS 180-410863/1
Matrix: Water
Analysis Batch: 410863

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	206		mg/L		111	85 - 115

Lab Sample ID: 180-143622-C-8 DU
Matrix: Water
Analysis Batch: 410863

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	<10		<10		mg/L		NC	10

Lab Sample ID: 180-143635-C-1 DU
Matrix: Water
Analysis Batch: 410863

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2700		2640		mg/L		0.8	10

Lab Sample ID: MB 180-410864/2
Matrix: Water
Analysis Batch: 410864

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/01/22 16:23	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: LCS 180-410864/1
Matrix: Water
Analysis Batch: 410864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	214		mg/L		115	85 - 115

Lab Sample ID: 180-143622-C-6 DU
Matrix: Water
Analysis Batch: 410864

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	930		966		mg/L		3	10

Lab Sample ID: 180-143622-C-7 DU
Matrix: Water
Analysis Batch: 410864

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2800		2870		mg/L		4	10

Lab Sample ID: MB 180-412043/2
Matrix: Water
Analysis Batch: 412043

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/14/22 13:24	1

Lab Sample ID: LCS 180-412043/1
Matrix: Water
Analysis Batch: 412043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	210		mg/L		113	85 - 115

Lab Sample ID: 180-144185-B-5 DU
Matrix: Water
Analysis Batch: 412043

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	<10		<10		mg/L		NC	10

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-411314/29
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/07/22 17:10	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/07/22 17:10	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/07/22 17:10	1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: MB 180-411314/3
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/07/22 17:10	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/07/22 17:10	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/07/22 17:10	1

Lab Sample ID: LCS 180-411314/1
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	265	241		mg/L		91	90 - 110

Lab Sample ID: LCS 180-411314/27
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	265	241		mg/L		91	90 - 110

Lab Sample ID: LLCS 180-411314/2
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	15.9		mg/L		100	75 - 125

Lab Sample ID: LLCS 180-411314/28
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	15.9		mg/L		100	75 - 125

Lab Sample ID: 180-143491-A-1 DU
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	120		119		mg/L		0	20
Bicarbonate Alkalinity as CaCO3	120		119		mg/L		0	20
Carbonate Alkalinity as CaCO3	<10		<10		mg/L		NC	20

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: MB 180-411525/30
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/08/22 14:58	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 14:58	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 14:58	1

Lab Sample ID: MB 180-411525/54
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/08/22 17:42	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 17:42	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 17:42	1

Lab Sample ID: MB 180-411525/6
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/08/22 11:27	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 11:27	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 11:27	1

Lab Sample ID: MB 180-411525/78
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/08/22 20:52	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 20:52	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 20:52	1

Lab Sample ID: LCS 180-411525/5
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	265	241		mg/L		91	90 - 110

Lab Sample ID: LCS 180-411525/53
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	265	239		mg/L		90	90 - 110

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-411525/77
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	265	238		mg/L		90	90 - 110

Lab Sample ID: LLCS 180-411525/4
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	21.0	*+	mg/L		132	75 - 125

Lab Sample ID: LLCS 180-411525/52
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.5		mg/L		92	75 - 125

Lab Sample ID: LLCS 180-411525/76
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	15.3		mg/L		96	75 - 125

Lab Sample ID: 680-220282-9 DU
Matrix: Water
Analysis Batch: 411525

Client Sample ID: GWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	65		65.9		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	65		65.9		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 680-220282-13 DU
Matrix: Water
Analysis Batch: 411525

Client Sample ID: GWC-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	93		93.8		mg/L		0.9	20
Bicarbonate Alkalinity as CaCO3	93		93.8		mg/L		0.9	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: MB 180-412004/30
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/13/22 18:32	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 18:32	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 18:32	1

Lab Sample ID: MB 180-412004/54
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/13/22 21:10	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 21:10	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 21:10	1

Lab Sample ID: MB 180-412004/78
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/13/22 23:45	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 23:45	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 23:45	1

Lab Sample ID: LCS 180-412004/53
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

Lab Sample ID: LCS 180-412004/77
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

Lab Sample ID: LLCS 180-412004/52
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LLCS 180-412004/76
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.4		mg/L		90	75 - 125

Lab Sample ID: 180-143630-H-1 DU
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	220		212		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	220		212		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 680-220188-F-4 DU
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	25		23.3		mg/L		9	20
Bicarbonate Alkalinity as CaCO3	25		23.3		mg/L		9	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 180-413036/30
Matrix: Water
Analysis Batch: 413036

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/21/22 18:20	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/22 18:20	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/22 18:20	1

Lab Sample ID: LCS 180-413036/29
Matrix: Water
Analysis Batch: 413036

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	260	249		mg/L		96	90 - 110

Lab Sample ID: LLCS 180-413036/28
Matrix: Water
Analysis Batch: 413036

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.6	19.0		mg/L		122	75 - 125

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: 180-144113-D-2 DU
Matrix: Water
Analysis Batch: 413036

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU	DU	Unit	D	RPD	RPD Limit
			Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	190		192		mg/L		0.5	20
Bicarbonate Alkalinity as CaCO3	190		192		mg/L		0.5	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

HPLC/IC

Analysis Batch: 410671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total/NA	Water	EPA 300.0 R2.1	
680-220259-2	GWC-1	Total/NA	Water	EPA 300.0 R2.1	
680-220259-3	DUP-4	Total/NA	Water	EPA 300.0 R2.1	
MB 180-410671/50	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-410671/51	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-143554-A-2 MS	Matrix Spike	Total/NA	Water	EPA 300.0 R2.1	
180-143554-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 410801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-1	GWC-3	Total/NA	Water	EPA 300.0 R2.1	
680-220282-2	GWC-4	Total/NA	Water	EPA 300.0 R2.1	
680-220282-3	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
680-220282-4	GWC-6	Total/NA	Water	EPA 300.0 R2.1	
680-220282-5	GWC-7	Total/NA	Water	EPA 300.0 R2.1	
680-220282-6	GWC-8A	Total/NA	Water	EPA 300.0 R2.1	
680-220282-7	GWC-9	Total/NA	Water	EPA 300.0 R2.1	
680-220282-8	GWC-10	Total/NA	Water	EPA 300.0 R2.1	
680-220282-9	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
680-220282-10	GWA-15	Total/NA	Water	EPA 300.0 R2.1	
680-220282-11	GWA-16	Total/NA	Water	EPA 300.0 R2.1	
680-220282-12	GWC-18	Total/NA	Water	EPA 300.0 R2.1	
680-220282-13	GWC-19	Total/NA	Water	EPA 300.0 R2.1	
680-220282-14	GWC-20	Total/NA	Water	EPA 300.0 R2.1	
680-220282-15	FB-4	Total/NA	Water	EPA 300.0 R2.1	
680-220282-16	EB-4	Total/NA	Water	EPA 300.0 R2.1	
680-220282-17	FB-5	Total/NA	Water	EPA 300.0 R2.1	
680-220282-18	DUP-5	Total/NA	Water	EPA 300.0 R2.1	
MB 180-410801/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-410801/7	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
680-220282-9 MS	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
680-220282-9 MSD	GWC-11	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 410826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220286-1	GWC-2	Total/NA	Water	EPA 300.0 R2.1	
680-220286-2	GWC-12	Total/NA	Water	EPA 300.0 R2.1	
680-220286-3	GWC-13	Total/NA	Water	EPA 300.0 R2.1	
680-220286-4	GWC-14	Total/NA	Water	EPA 300.0 R2.1	
680-220286-5	EB-5	Total/NA	Water	EPA 300.0 R2.1	
MB 180-410826/36	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-410826/37	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
680-220286-2 MS	GWC-12	Total/NA	Water	EPA 300.0 R2.1	
680-220286-2 MSD	GWC-12	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 411760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total/NA	Water	7470A	
680-220259-2	GWC-1	Total/NA	Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Metals (Continued)

Prep Batch: 411760 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-3	DUP-4	Total/NA	Water	7470A	
MB 180-411760/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-411760/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-143622-B-2-A MS	Matrix Spike	Total/NA	Water	7470A	
180-143622-B-2-B MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 411762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220286-1	GWC-2	Total/NA	Water	7470A	
680-220286-2	GWC-12	Total/NA	Water	7470A	
680-220286-3	GWC-13	Total/NA	Water	7470A	
680-220286-4	GWC-14	Total/NA	Water	7470A	
680-220286-5	EB-5	Total/NA	Water	7470A	
MB 180-411762/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-411762/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-143559-D-1-B MS	Matrix Spike	Total/NA	Water	7470A	
180-143559-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 411763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-1	GWC-3	Total/NA	Water	7470A	
680-220282-2	GWC-4	Total/NA	Water	7470A	
680-220282-3	GWC-5	Total/NA	Water	7470A	
680-220282-4	GWC-6	Total/NA	Water	7470A	
680-220282-5	GWC-7	Total/NA	Water	7470A	
680-220282-6	GWC-8A	Total/NA	Water	7470A	
680-220282-7	GWC-9	Total/NA	Water	7470A	
680-220282-8	GWC-10	Total/NA	Water	7470A	
680-220282-9	GWC-11	Total/NA	Water	7470A	
680-220282-10	GWA-15	Total/NA	Water	7470A	
680-220282-11	GWA-16	Total/NA	Water	7470A	
680-220282-12	GWC-18	Total/NA	Water	7470A	
680-220282-13	GWC-19	Total/NA	Water	7470A	
680-220282-14	GWC-20	Total/NA	Water	7470A	
680-220282-15	FB-4	Total/NA	Water	7470A	
680-220282-16	EB-4	Total/NA	Water	7470A	
680-220282-17	FB-5	Total/NA	Water	7470A	
680-220282-18	DUP-5	Total/NA	Water	7470A	
MB 180-411763/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-411763/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-220282-1 MS	GWC-3	Total/NA	Water	7470A	
680-220282-1 MSD	GWC-3	Total/NA	Water	7470A	

Prep Batch: 411924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total Recoverable	Water	3005A	
680-220259-2	GWC-1	Total Recoverable	Water	3005A	
680-220259-3	DUP-4	Total Recoverable	Water	3005A	
680-220282-1	GWC-3	Total Recoverable	Water	3005A	
680-220282-2	GWC-4	Total Recoverable	Water	3005A	
680-220282-3	GWC-5	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Metals (Continued)

Prep Batch: 411924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-4	GWC-6	Total Recoverable	Water	3005A	
680-220282-5	GWC-7	Total Recoverable	Water	3005A	
680-220282-6	GWC-8A	Total Recoverable	Water	3005A	
680-220282-7	GWC-9	Total Recoverable	Water	3005A	
MB 180-411924/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-411924/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-143834-J-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-143834-J-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 411931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total/NA	Water	EPA 7470A	411760
680-220259-2	GWC-1	Total/NA	Water	EPA 7470A	411760
680-220259-3	DUP-4	Total/NA	Water	EPA 7470A	411760
680-220282-1	GWC-3	Total/NA	Water	EPA 7470A	411763
680-220282-2	GWC-4	Total/NA	Water	EPA 7470A	411763
680-220282-3	GWC-5	Total/NA	Water	EPA 7470A	411763
680-220282-4	GWC-6	Total/NA	Water	EPA 7470A	411763
680-220282-5	GWC-7	Total/NA	Water	EPA 7470A	411763
680-220282-6	GWC-8A	Total/NA	Water	EPA 7470A	411763
680-220282-7	GWC-9	Total/NA	Water	EPA 7470A	411763
680-220282-8	GWC-10	Total/NA	Water	EPA 7470A	411763
680-220282-9	GWC-11	Total/NA	Water	EPA 7470A	411763
680-220282-10	GWA-15	Total/NA	Water	EPA 7470A	411763
680-220282-11	GWA-16	Total/NA	Water	EPA 7470A	411763
680-220282-12	GWC-18	Total/NA	Water	EPA 7470A	411763
680-220282-13	GWC-19	Total/NA	Water	EPA 7470A	411763
680-220282-14	GWC-20	Total/NA	Water	EPA 7470A	411763
680-220282-15	FB-4	Total/NA	Water	EPA 7470A	411763
680-220282-16	EB-4	Total/NA	Water	EPA 7470A	411763
680-220282-17	FB-5	Total/NA	Water	EPA 7470A	411763
680-220282-18	DUP-5	Total/NA	Water	EPA 7470A	411763
680-220286-1	GWC-2	Total/NA	Water	EPA 7470A	411762
680-220286-2	GWC-12	Total/NA	Water	EPA 7470A	411762
680-220286-3	GWC-13	Total/NA	Water	EPA 7470A	411762
680-220286-4	GWC-14	Total/NA	Water	EPA 7470A	411762
680-220286-5	EB-5	Total/NA	Water	EPA 7470A	411762
MB 180-411760/1-A	Method Blank	Total/NA	Water	EPA 7470A	411760
MB 180-411762/1-A	Method Blank	Total/NA	Water	EPA 7470A	411762
MB 180-411763/1-A	Method Blank	Total/NA	Water	EPA 7470A	411763
LCS 180-411760/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	411760
LCS 180-411762/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	411762
LCS 180-411763/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	411763
180-143559-D-1-B MS	Matrix Spike	Total/NA	Water	EPA 7470A	411762
180-143559-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	411762
180-143622-B-2-A MS	Matrix Spike	Total/NA	Water	EPA 7470A	411760
180-143622-B-2-B MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	411760
680-220282-1 MS	GWC-3	Total/NA	Water	EPA 7470A	411763
680-220282-1 MSD	GWC-3	Total/NA	Water	EPA 7470A	411763

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Metals

Analysis Batch: 412084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total Recoverable	Water	EPA 6020B	411924
680-220259-2	GWC-1	Total Recoverable	Water	EPA 6020B	411924
680-220259-3	DUP-4	Total Recoverable	Water	EPA 6020B	411924
680-220282-1	GWC-3	Total Recoverable	Water	EPA 6020B	411924
680-220282-2	GWC-4	Total Recoverable	Water	EPA 6020B	411924
680-220282-3	GWC-5	Total Recoverable	Water	EPA 6020B	411924
680-220282-4	GWC-6	Total Recoverable	Water	EPA 6020B	411924
680-220282-5	GWC-7	Total Recoverable	Water	EPA 6020B	411924
680-220282-6	GWC-8A	Total Recoverable	Water	EPA 6020B	411924
680-220282-7	GWC-9	Total Recoverable	Water	EPA 6020B	411924
MB 180-411924/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	411924
LCS 180-411924/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	411924
180-143834-J-1-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	411924
180-143834-J-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	411924

Prep Batch: 412195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-8	GWC-10	Total Recoverable	Water	3005A	
680-220282-9	GWC-11	Total Recoverable	Water	3005A	
680-220282-10	GWA-15	Total Recoverable	Water	3005A	
680-220282-11	GWA-16	Total Recoverable	Water	3005A	
680-220282-12	GWC-18	Total Recoverable	Water	3005A	
680-220282-13	GWC-19	Total Recoverable	Water	3005A	
MB 180-412195/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-412195/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-143559-D-1-I MS	Matrix Spike	Total Recoverable	Water	3005A	
180-143559-D-1-J MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 412196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-14	GWC-20	Total Recoverable	Water	3005A	
680-220282-15	FB-4	Total Recoverable	Water	3005A	
680-220282-16	EB-4	Total Recoverable	Water	3005A	
680-220282-17	FB-5	Total Recoverable	Water	3005A	
680-220282-18	DUP-5	Total Recoverable	Water	3005A	
680-220286-1	GWC-2	Total Recoverable	Water	3005A	
680-220286-2	GWC-12	Total Recoverable	Water	3005A	
680-220286-3	GWC-13	Total Recoverable	Water	3005A	
680-220286-4	GWC-14	Total Recoverable	Water	3005A	
680-220286-5	EB-5	Total Recoverable	Water	3005A	
MB 180-412196/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-412196/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-143337-C-8-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-143337-C-8-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 412385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-8	GWC-10	Total Recoverable	Water	EPA 6020B	412195
680-220282-9	GWC-11	Total Recoverable	Water	EPA 6020B	412195
680-220282-10	GWA-15	Total Recoverable	Water	EPA 6020B	412195
680-220282-11	GWA-16	Total Recoverable	Water	EPA 6020B	412195

Eurofins Savannah

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Metals (Continued)

Analysis Batch: 412385 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-12	GWC-18	Total Recoverable	Water	EPA 6020B	412195
680-220282-13	GWC-19	Total Recoverable	Water	EPA 6020B	412195
680-220282-14	GWC-20	Total Recoverable	Water	EPA 6020B	412196
680-220282-15	FB-4	Total Recoverable	Water	EPA 6020B	412196
680-220282-16	EB-4	Total Recoverable	Water	EPA 6020B	412196
680-220282-17	FB-5	Total Recoverable	Water	EPA 6020B	412196
680-220282-18	DUP-5	Total Recoverable	Water	EPA 6020B	412196
680-220286-1	GWC-2	Total Recoverable	Water	EPA 6020B	412196
680-220286-2	GWC-12	Total Recoverable	Water	EPA 6020B	412196
680-220286-3	GWC-13	Total Recoverable	Water	EPA 6020B	412196
680-220286-4	GWC-14	Total Recoverable	Water	EPA 6020B	412196
680-220286-5	EB-5	Total Recoverable	Water	EPA 6020B	412196
MB 180-412195/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412195
MB 180-412196/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412196
LCS 180-412195/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412195
LCS 180-412196/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412196
180-143337-C-8-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	412196
180-143337-C-8-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	412196
180-143559-D-1-I MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	412195
180-143559-D-1-J MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	412195

Analysis Batch: 412391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total Recoverable	Water	EPA 6020B	411924
680-220259-2	GWC-1	Total Recoverable	Water	EPA 6020B	411924
680-220259-3	DUP-4	Total Recoverable	Water	EPA 6020B	411924
680-220282-1	GWC-3	Total Recoverable	Water	EPA 6020B	411924
680-220282-2	GWC-4	Total Recoverable	Water	EPA 6020B	411924
680-220282-3	GWC-5	Total Recoverable	Water	EPA 6020B	411924
680-220282-4	GWC-6	Total Recoverable	Water	EPA 6020B	411924
680-220282-5	GWC-7	Total Recoverable	Water	EPA 6020B	411924
680-220282-6	GWC-8A	Total Recoverable	Water	EPA 6020B	411924
680-220282-7	GWC-9	Total Recoverable	Water	EPA 6020B	411924
MB 180-411924/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	411924
LCS 180-411924/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	411924
180-143834-J-1-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	411924
180-143834-J-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	411924

Analysis Batch: 412402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-8	GWC-10	Total Recoverable	Water	EPA 6020B	412195
680-220282-9	GWC-11	Total Recoverable	Water	EPA 6020B	412195
680-220282-10	GWA-15	Total Recoverable	Water	EPA 6020B	412195
680-220282-11	GWA-16	Total Recoverable	Water	EPA 6020B	412195
680-220282-12	GWC-18	Total Recoverable	Water	EPA 6020B	412195
680-220282-13	GWC-19	Total Recoverable	Water	EPA 6020B	412195
680-220282-14	GWC-20	Total Recoverable	Water	EPA 6020B	412196
680-220282-15	FB-4	Total Recoverable	Water	EPA 6020B	412196
680-220282-16	EB-4	Total Recoverable	Water	EPA 6020B	412196
680-220282-17	FB-5	Total Recoverable	Water	EPA 6020B	412196
680-220282-18	DUP-5	Total Recoverable	Water	EPA 6020B	412196

Eurofins Savannah

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Metals (Continued)

Analysis Batch: 412402 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220286-1	GWC-2	Total Recoverable	Water	EPA 6020B	412196
680-220286-2	GWC-12	Total Recoverable	Water	EPA 6020B	412196
680-220286-3	GWC-13	Total Recoverable	Water	EPA 6020B	412196
680-220286-4	GWC-14	Total Recoverable	Water	EPA 6020B	412196
680-220286-5	EB-5	Total Recoverable	Water	EPA 6020B	412196
MB 180-412195/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412195
MB 180-412196/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412196
LCS 180-412195/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412195
LCS 180-412196/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412196
180-143337-C-8-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	412196
180-143337-C-8-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	412196
180-143559-D-1-I MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	412195
180-143559-D-1-J MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	412195

General Chemistry

Analysis Batch: 410543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total/NA	Water	SM 2540C	
680-220259-2	GWC-1	Total/NA	Water	SM 2540C	
MB 180-410543/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-410543/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143516-C-4 DU	Duplicate	Total/NA	Water	SM 2540C	
180-143517-C-7 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 410687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-3	DUP-4	Total/NA	Water	SM 2540C	
MB 180-410687/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-410687/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143622-C-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 410861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-4	GWC-6	Total/NA	Water	SM 2540C	
680-220282-5	GWC-7	Total/NA	Water	SM 2540C	
680-220282-8	GWC-10	Total/NA	Water	SM 2540C	
680-220282-10	GWA-15	Total/NA	Water	SM 2540C	
680-220282-11	GWA-16	Total/NA	Water	SM 2540C	
680-220282-13	GWC-19	Total/NA	Water	SM 2540C	
680-220286-1	GWC-2	Total/NA	Water	SM 2540C	
MB 180-410861/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-410861/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143622-C-9 DU	Duplicate	Total/NA	Water	SM 2540C	
180-143626-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 410863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-1	GWC-3	Total/NA	Water	SM 2540C	
680-220282-2	GWC-4	Total/NA	Water	SM 2540C	
680-220282-3	GWC-5	Total/NA	Water	SM 2540C	

Eurofins Savannah

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

General Chemistry (Continued)

Analysis Batch: 410863 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-9	GWC-11	Total/NA	Water	SM 2540C	
680-220282-12	GWC-18	Total/NA	Water	SM 2540C	
680-220282-15	FB-4	Total/NA	Water	SM 2540C	
680-220282-17	FB-5	Total/NA	Water	SM 2540C	
680-220286-4	GWC-14	Total/NA	Water	SM 2540C	
MB 180-410863/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-410863/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143622-C-8 DU	Duplicate	Total/NA	Water	SM 2540C	
180-143635-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 410864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-6	GWC-8A	Total/NA	Water	SM 2540C	
680-220282-7	GWC-9	Total/NA	Water	SM 2540C	
680-220282-14	GWC-20	Total/NA	Water	SM 2540C	
680-220282-18	DUP-5	Total/NA	Water	SM 2540C	
680-220286-2	GWC-12	Total/NA	Water	SM 2540C	
680-220286-3	GWC-13	Total/NA	Water	SM 2540C	
680-220286-5	EB-5	Total/NA	Water	SM 2540C	
MB 180-410864/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-410864/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143622-C-6 DU	Duplicate	Total/NA	Water	SM 2540C	
180-143622-C-7 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 411314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total/NA	Water	SM2320 B	
680-220259-2	GWC-1	Total/NA	Water	SM2320 B	
MB 180-411314/29	Method Blank	Total/NA	Water	SM2320 B	
MB 180-411314/3	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-411314/1	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-411314/27	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-411314/2	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-411314/28	Lab Control Sample	Total/NA	Water	SM2320 B	
180-143491-A-1 DU	Duplicate	Total/NA	Water	SM2320 B	

Analysis Batch: 411525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-1	GWC-3	Total/NA	Water	SM2320 B	
680-220282-2	GWC-4	Total/NA	Water	SM2320 B	
680-220282-3	GWC-5	Total/NA	Water	SM2320 B	
680-220282-4	GWC-6	Total/NA	Water	SM2320 B	
680-220282-5	GWC-7	Total/NA	Water	SM2320 B	
680-220282-6	GWC-8A	Total/NA	Water	SM2320 B	
680-220282-7	GWC-9	Total/NA	Water	SM2320 B	
680-220282-8	GWC-10	Total/NA	Water	SM2320 B	
680-220282-9	GWC-11	Total/NA	Water	SM2320 B	
680-220282-10	GWA-15	Total/NA	Water	SM2320 B	
680-220282-11	GWA-16	Total/NA	Water	SM2320 B	
680-220282-12	GWC-18	Total/NA	Water	SM2320 B	
680-220282-13	GWC-19	Total/NA	Water	SM2320 B	

Eurofins Savannah

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

General Chemistry (Continued)

Analysis Batch: 411525 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-14	GWC-20	Total/NA	Water	SM2320 B	
680-220282-15	FB-4	Total/NA	Water	SM2320 B	
680-220282-16	EB-4	Total/NA	Water	SM2320 B	
680-220282-17	FB-5	Total/NA	Water	SM2320 B	
680-220282-18	DUP-5	Total/NA	Water	SM2320 B	
680-220286-2	GWC-12	Total/NA	Water	SM2320 B	
MB 180-411525/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-411525/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-411525/6	Method Blank	Total/NA	Water	SM2320 B	
MB 180-411525/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-411525/5	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-411525/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-411525/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-411525/4	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-411525/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-411525/76	Lab Control Sample	Total/NA	Water	SM2320 B	
680-220282-9 DU	GWC-11	Total/NA	Water	SM2320 B	
680-220282-13 DU	GWC-19	Total/NA	Water	SM2320 B	

Analysis Batch: 412004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220286-1	GWC-2	Total/NA	Water	SM2320 B	
680-220286-3	GWC-13	Total/NA	Water	SM2320 B	
680-220286-4	GWC-14	Total/NA	Water	SM2320 B	
680-220286-5	EB-5	Total/NA	Water	SM2320 B	
MB 180-412004/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-412004/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-412004/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-412004/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-412004/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-412004/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-412004/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-143630-H-1 DU	Duplicate	Total/NA	Water	SM2320 B	
680-220188-F-4 DU	Duplicate	Total/NA	Water	SM2320 B	

Analysis Batch: 412043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-16	EB-4	Total/NA	Water	SM 2540C	
MB 180-412043/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-412043/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-144185-B-5 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 413036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-3	DUP-4	Total/NA	Water	SM2320 B	
MB 180-413036/30	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-413036/29	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-413036/28	Lab Control Sample	Total/NA	Water	SM2320 B	
180-144113-D-2 DU	Duplicate	Total/NA	Water	SM2320 B	

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Field Service / Mobile Lab

Analysis Batch: 410796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total/NA	Water	Field Sampling	
680-220259-2	GWC-1	Total/NA	Water	Field Sampling	
680-220282-1	GWC-3	Total/NA	Water	Field Sampling	
680-220282-2	GWC-4	Total/NA	Water	Field Sampling	
680-220282-3	GWC-5	Total/NA	Water	Field Sampling	
680-220282-4	GWC-6	Total/NA	Water	Field Sampling	
680-220282-5	GWC-7	Total/NA	Water	Field Sampling	
680-220282-6	GWC-8A	Total/NA	Water	Field Sampling	
680-220282-7	GWC-9	Total/NA	Water	Field Sampling	
680-220282-8	GWC-10	Total/NA	Water	Field Sampling	
680-220282-9	GWC-11	Total/NA	Water	Field Sampling	
680-220282-10	GWA-15	Total/NA	Water	Field Sampling	
680-220282-11	GWA-16	Total/NA	Water	Field Sampling	
680-220282-12	GWC-18	Total/NA	Water	Field Sampling	
680-220282-13	GWC-19	Total/NA	Water	Field Sampling	
680-220282-14	GWC-20	Total/NA	Water	Field Sampling	
680-220286-1	GWC-2	Total/NA	Water	Field Sampling	
680-220286-2	GWC-12	Total/NA	Water	Field Sampling	
680-220286-3	GWC-13	Total/NA	Water	Field Sampling	
680-220286-4	GWC-14	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWA-17
Date Collected: 08/24/22 16:45
Date Received: 08/26/22 09:00

Lab Sample ID: 680-220259-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410671	09/01/22 08:15	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 17:47	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 13:45	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411760	09/12/22 13:53	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:02	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410543	08/30/22 16:47	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: NOEQUIP		1	50 mL	100 mL	411314	09/08/22 08:37	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/24/22 16:45	FDS	EET PIT

Client Sample ID: GWC-1
Date Collected: 08/24/22 15:49
Date Received: 08/26/22 09:00

Lab Sample ID: 680-220259-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410671	09/01/22 08:31	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 17:51	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 13:48	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411760	09/12/22 13:53	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:03	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410543	08/30/22 16:47	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: NOEQUIP		1	50 mL	100 mL	411314	09/08/22 08:37	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/24/22 15:49	FDS	EET PIT

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: DUP-4
Date Collected: 08/24/22 00:00
Date Received: 08/26/22 09:00

Lab Sample ID: 680-220259-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410671	09/01/22 08:45	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 17:54	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 13:51	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411760	09/12/22 13:53	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:04	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410687	08/31/22 13:46	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: NOEQUIP		1	10 mL	10 mL	413036	09/21/22 19:35	RSR	EET PIT

Client Sample ID: GWC-3
Date Collected: 08/25/22 14:00
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 15:37	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 18:12	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 14:02	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:42	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 18:13	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 14:00	FDS	EET PIT

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-4

Lab Sample ID: 680-220282-2

Date Collected: 08/25/22 10:45

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 15:51	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 18:08	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 13:59	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:45	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 19:41	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 10:45	FDS	EET PIT

Client Sample ID: GWC-5

Lab Sample ID: 680-220282-3

Date Collected: 08/25/22 09:07

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 16:06	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 18:15	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 14:05	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:48	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 18:20	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 09:07	FDS	EET PIT

Eurofins Savannah

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-6
Date Collected: 08/25/22 10:14
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 16:21	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 18:19	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 14:08	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:49	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 18:07	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 10:14	FDS	EET PIT

Client Sample ID: GWC-7
Date Collected: 08/25/22 11:07
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 17:06	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 18:22	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 14:11	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:50	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 12:29	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 11:07	FDS	EET PIT

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-8A

Lab Sample ID: 680-220282-6

Date Collected: 08/25/22 12:34

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 17:21	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 18:26	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 14:13	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:51	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 12:22	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 12:34	FDS	EET PIT

Client Sample ID: GWC-9

Lab Sample ID: 680-220282-7

Date Collected: 08/25/22 13:38

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 17:35	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 18:29	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 14:16	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:52	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 22:11	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 13:38	FDS	EET PIT

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-10

Lab Sample ID: 680-220282-8

Date Collected: 08/25/22 09:35

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 17:50	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 21:20	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 21:20	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:53	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 12:35	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 09:35	FDS	EET PIT

Client Sample ID: GWC-11

Lab Sample ID: 680-220282-9

Date Collected: 08/25/22 15:41

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 18:05	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 21:24	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 21:24	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:54	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 21:57	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 15:41	FDS	EET PIT

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWA-15
Date Collected: 08/25/22 15:08
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 18:50	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 21:27	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 21:27	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:55	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 22:43	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 15:08	FDS	EET PIT

Client Sample ID: GWA-16
Date Collected: 08/25/22 13:40
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 19:05	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 21:31	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 21:31	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:56	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 22:50	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 13:40	FDS	EET PIT

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-18
Date Collected: 08/25/22 11:57
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 19:19	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/16/22 01:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 21:34	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/16/22 01:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 21:34	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:57	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 19:14	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 11:57	FDS	EET PIT

Client Sample ID: GWC-19
Date Collected: 08/25/22 09:09
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 20:04	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/16/22 01:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 21:38	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/16/22 01:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 21:38	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 16:00	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 20:59	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 09:09	FDS	EET PIT

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-20
Date Collected: 08/25/22 10:43
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 20:19	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 15:39	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 15:39	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 16:01	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 21:13	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 10:43	FDS	EET PIT

Client Sample ID: FB-4
Date Collected: 08/25/22 09:22
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 20:34	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 15:42	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 15:42	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 16:03	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 21:19	ELS	EET PIT

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: EB-4

Lab Sample ID: 680-220282-16

Date Collected: 08/25/22 09:30

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			410801	09/01/22 20:49	SNL	EET PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412385	09/16/22 15:46	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412402	09/16/22 15:46	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 16:04	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	412043	09/14/22 13:24	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			411525	09/08/22 21:24	ELS	EET PIT
Instrument ID: PCTITRATOR										

Client Sample ID: FB-5

Lab Sample ID: 680-220282-17

Date Collected: 08/25/22 15:18

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			410801	09/01/22 21:03	SNL	EET PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412385	09/16/22 15:56	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412402	09/16/22 15:56	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 16:05	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			411525	09/08/22 22:37	ELS	EET PIT
Instrument ID: PCTITRATOR										

Client Sample ID: DUP-5

Lab Sample ID: 680-220282-18

Date Collected: 08/25/22 00:00

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			410801	09/01/22 21:18	SNL	EET PIT
Instrument ID: CHICS2100B										

Eurofins Savannah

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: DUP-5
Date Collected: 08/25/22 00:00
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412385	09/16/22 16:00	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412402	09/16/22 16:00	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 16:06	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			411525	09/08/22 22:30	ELS	EET PIT
Instrument ID: PCTITRATOR										

Client Sample ID: GWC-2
Date Collected: 08/26/22 08:56
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410826	09/01/22 23:39	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412385	09/16/22 16:03	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412402	09/16/22 16:03	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411762	09/12/22 13:56	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 15:23	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			412004	09/14/22 00:34	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			410796	08/26/22 08:56	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-12
Date Collected: 08/26/22 09:51
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410826	09/02/22 01:01	M1D	EET PIT
Instrument ID: INTEGRION										

Eurofins Savannah

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-12
Date Collected: 08/26/22 09:51
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412385	09/16/22 16:07	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412402	09/16/22 16:07	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411762	09/12/22 13:56	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 15:24	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			411525	09/08/22 21:36	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			410796	08/26/22 09:51	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-13
Date Collected: 08/26/22 08:45
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410826	09/02/22 02:08	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412385	09/16/22 16:10	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412402	09/16/22 16:10	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411762	09/12/22 13:56	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 15:25	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			412004	09/14/22 01:24	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			410796	08/26/22 08:45	FDS	EET PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-14
Date Collected: 08/26/22 09:25
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1 mL	410826	09/02/22 01:41	M1D	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 16:14	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 16:14	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411762	09/12/22 13:56	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:26	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			412004	09/14/22 00:18	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/26/22 09:25	FDS	EET PIT

Client Sample ID: EB-5
Date Collected: 08/26/22 09:40
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1 mL	410826	09/02/22 01:55	M1D	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 16:17	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 16:17	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411762	09/12/22 13:56	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:27	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			412004	09/14/22 01:43	ELS	EET PIT

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22 *
California	State	2891	04-30-23
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	06-30-23
Georgia	State	PA 02-00416	04-30-23
Illinois	NELAP	004375	06-30-23
Kansas	NELAP	E-10350	03-31-23
Kentucky (UST)	State	162013	04-30-23
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22 *
Louisiana (All)	NELAP	04041	06-30-23
Maine	State	PA00164	03-06-24
Minnesota	NELAP	042-999-482	12-31-22
New Hampshire	NELAP	2030	04-04-23
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-01-23
North Carolina (WW/SW)	State	434	10-11-22
North Dakota	State	R-227	04-30-23
Oregon	NELAP	PA-2151	02-07-23
Pennsylvania	NELAP	02-00416	04-30-23
Rhode Island	State	LAO00362	12-31-22
South Carolina	State	89014	04-20-23
Texas	NELAP	T104704528	03-31-23
USDA	US Federal Programs	P330-16-00211	06-21-24
Utah	NELAP	PA001462019-8	05-31-23
Virginia	NELAP	10043	09-14-23
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	EET PIT
EPA 6020B	Metals (ICP/MS)	SW846	EET PIT
EPA 7470A	Mercury (CVAA)	SW846	EET PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PIT
SM2320 B	Alkalinity, Total	SM18	EET PIT
Field Sampling	Field Sampling	EPA	EET PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET PIT
7470A	Preparation, Mercury	SW846	EET PIT

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ORIGIN ID: LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DAT
ACTWGT:
CAD: 859
BILL REC

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSB
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7058
REF: DEPT:

Uncorrected temp
Thermometer ID

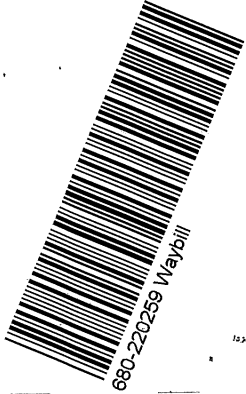
CF

3 of 3

MPS# 5220 7120 7229
Mstr# 5220 7120 7287

FRI - 21
PRIORITY

NA AGCA



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12



Environment Testing
TestAmerica

RT 98



10:30
10:30
10:30
A
Testing

Part # 159469-434 MTW EXP 01/23

ORIGIN ID: IJYA (678) 966-9991
GEORGE TAYLOR
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 25AUG22
ACTWGT: 66.10 LB
CND: 859116/CAF#E3616

TO SAMPLE RECEIVING
EUROFINS TESTING
301 ALPHA DR.
RIDG PARK
PITTSBURGH PA 15238
REF: (412) 983-7058

BILL RECIPIENT

ORIGIN ID: IJYA (678) 966-9991
GEORGE TAYLOR
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 25AUG22
ACTWGT: 66.10 LB
CND: 859116/CAF#E3616

TO SAMPLE RECEIVING
EUROFINS TESTING
301 ALPHA DR.
RIDG PARK
PITTSBURGH PA 15238
REF: (412) 983-7058

BILL RECIPIENT



PS# 5220 7120 7218
1 of 3
t# 5220 7120 7207

FRI - 26 AUG 10:30A
PRIORITY OVERNIGHT



A AGCA

Uncorrected temp
Thermometer ID

PA-US
15238
PIT

CF

Initials *DT*

°C



TRK# 5220 7120 7207
1 of 3
MASTER

FRI - 26 AUG 10:30A
PRIORITY OVERNIGHT



NA AGCA

Uncorrected temp
Thermometer ID

PA-US
15238
PIT

CF

Initials *DT*

°C

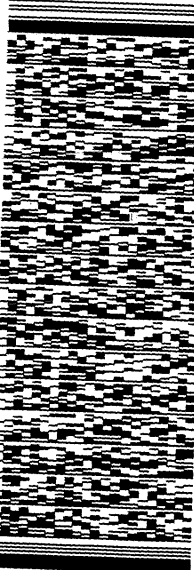
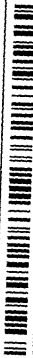
ORIGIN ID: LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 26AUG22
ACTWGT: 23.65 LB
CAD: 859116/CAFE3616
BILL RECIPIENT

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7068
REF: INV: PO:

DEPT:



4 of 5

MPS# 5220 7120 7457
Mstr# 5220 7120 7424

SATURDAY 12:00P
PRIORITY OVERNIGHT

0269

0201

XO AGCA

15238
PA-US
PIT

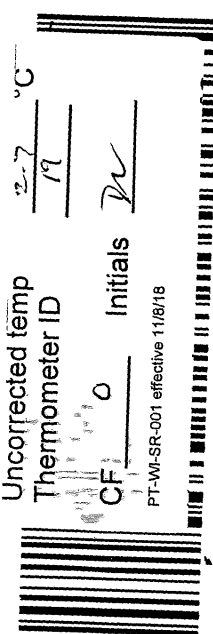
Uncorrected temp
Thermometer ID

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19

CF 0 Initials

Initials

PT-WI-SR-001 effective 11/8/18



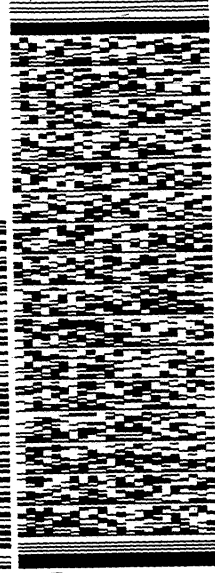
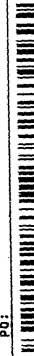
ORIGIN ID: LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 26AUG22
ACTWGT: 23.65 LB
CAD: 859116/CAFE3616
BILL RECIPIENT

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7068
REF: INV: PO:

DEPT:



2 of 5

MPS# 5220 7120 7435
Mstr# 5220 7120 7424

SATURDAY 12:00P
PRIORITY OVERNIGHT

0269

0201

XO AGCA

15238
-US
PIT

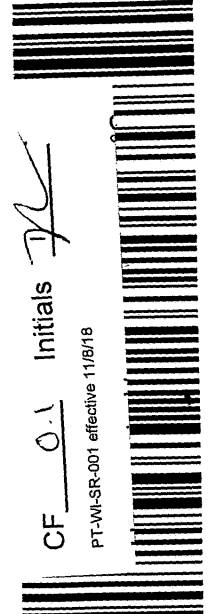
Uncorrected temp
Thermometer ID

0.5
20

CF 0.1 Initials

Initials

PT-WI-SR-001 effective 11/8/18



1
12:00 B
7424
08:27



Environment Testing
TestAmerica

Part # 159469-434 MTW EXP 01/23

ORIGIN ID: LIYA
GEORGE TAYLOR
EUROFINS TESTING AMERICA
SUITE REGENCY PARKWAY NW
NORCROSS, GA 30071
UNITED STATES US

ORIGIN ID: LIYA
GEORGE TAYLOR
EUROFINS TESTING AMERICA
SUITE REGENCY PARKWAY NW
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 26AUG22
ACTING: 23 65 LB
CAD: 859116/CAFE3616

SHIP DATE: 26AUG22
ACTING: 23 65 LB
CAD: 859116/CAFE3616

BILL RECIPIENT
TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

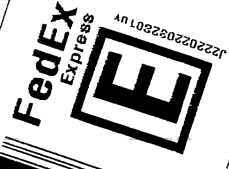
BILL RECIPIENT
TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 863-7068
INR:
PO:

(412) 863-7068
INR:
PO:

5772/F39B/4326

5772/F39B/4326



3 of 5
MPS# 5220 7120 7446
Mstr# 5220 7120 7424

1 of 5
MASTER 5220 7120 7424



XO AGCA

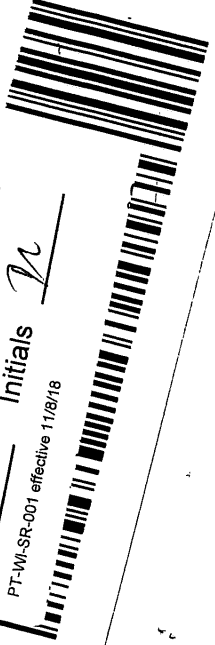
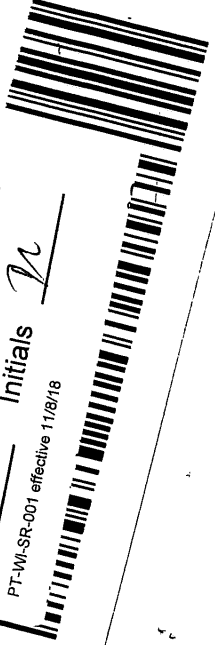
XO

SATURDAY 12:00P
PRIORITY OVERNIGHT

SATURDAY 12:00P
PRIORITY OVERNIGHT

Uncorrected temp 2.7 °C
Thermometer ID PA-US 15238
CF Initials

Uncorrected temp 0.1 °C
Thermometer ID 20
CF Initials



PT-WI-SR-001 effective 11/8/18

PT-WI-SR-001 effective 11/8/18

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12



SHIP DATE: 26AUG22
ACTWGT: 23.65 LB
CAD: 859116/CAFE3616

SC

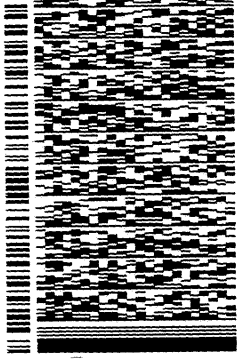
BILL RECIPIENT

NORCROSS, GA 30071
UNITED STATES US

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7068
REF: 1101
PG: 1

DEPT:



122202202801 49

SATURDAY 12:00P
PRIORITY OVERNIGHT

2 of 5

MPS# 5220 7120 7435

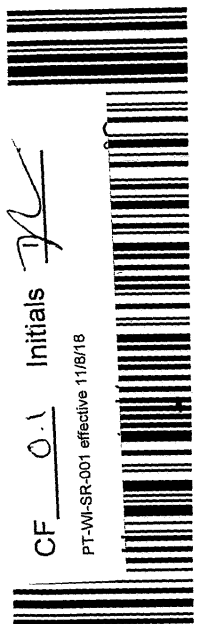
Mstr# 5220 7120 7424

0201

XO AGCA

Uncorrected temp 20.5 °C - US
Thermometer ID 20

15238
PIT



CF 0.1 Initials JK

PT-WI-SR-001 effective 11/8/18

ORIGIN ID: LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 26AUG22
ACTWGT: 23.65 LB
CAD: 859116/CAFE3616

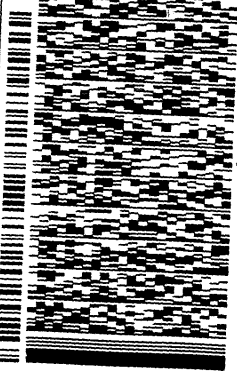
SC

BILL RECIPIENT

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7068
REF: 1101
PG: 1

DEPT:



122202202801 49

SATURDAY 12:00P
PRIORITY OVERNIGHT

4 of 5

MPS# 5220 7120 7457

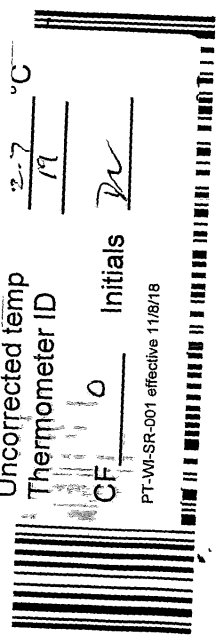
Mstr# 5220 7120 7424

0201

XO AGCA

Uncorrected temp 27 °C
Thermometer ID 19

15238
PA-US
PIT



CF 0 Initials R

PT-WI-SR-001 effective 11/8/18



1
12:00 B
7424
08/27



Environment Testing
TestAmerica

ORIGIN ID: LIYA
GEORGE TAYLOR
EUROFINS TESTING AMERICA
SUITE REGENCY PARKWAY NW
MORCROSS, GA 30071
UNITED STATES US
SHIP DATE: 26AUG22
ACTING: 23.65 LB
CRD: 859116/CAFE3816
BILL RECIPIENT

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238
REF: (412) 968-7068

5792/F39N/4320



1 of 5
MASTER 5220 7120 7424
SATURDAY 12:00P
PRIORITY OVERNIGHT

Uncorrected temp
Thermometer ID

CF 0.1 Initials *R*

PT-WI-SR-001 effective 1/18/18

15238
PIT

Part # 159469-434 MTW EXP 01/23

ORIGIN ID: LIYA
GEORGE TAYLOR
EUROFINS TESTING AMERICA
SUITE REGENCY PARKWAY NW
MORCROSS, GA 30071
UNITED STATES US
SHIP DATE: 26AUG22
ACTING: 23.65 LB
CRD: 859116/CAFE3816
BILL RECIPIENT

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238
REF: (412) 968-7068



3 of 5
MPS# 5220 7120 7446
Mstr# 5220 7120 7424
SATURDAY 12:00P
PRIORITY OVERNIGHT

Uncorrected temp
Thermometer ID

CF 0 Initials *R*

PT-WI-SR-001 effective 1/18/18

15238
PA-US
PIT



- 1
- 2
- 3
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- 6
- 7
- 8
- 9
- 10
- 11
- 12

- 1
- 2
- 3
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- 6
- 7
- 8
- 9
- 10
- 11
- 12

Env
TestA

ST 1017 7g

12:00 B

08.27 7468

444 MTW EXP 01/23

ORIGIN ID: LIYA (678) 966-9991
 GEORGE TAYLOR
 EUROFINS TESTING AMERICA ATL SC
 6215 REGENCY PARKWAY NW
 SUITE 900
 NORCROSS, GA 30071
 UNITED STATES US

SHIP DATE:
 ACTWGT: 23.6
 CAD: 85911670 3616

BILL RECEIPT

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7058 REF:
 INU: DEPT:
 PO:



Uncorrected temp 2.4 °C
 Thermometer ID 19
 CF 0 Initials M
 PT-WI-SR-001 effective 11/8/18



5 of 5

MPS# 5220 7120 7160
 0263

Mstr# 5220 120 12A
 0263

XO AGO

SATURDAY 12:00P
PRIORITY OVERNIGHT

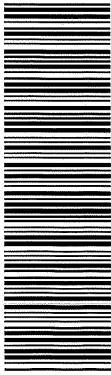
PA- 38
 -US PIT

TestAmerica Pittsburgh
 301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412 963 7058 fax 412 963 2468

Custody Record

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.



680-220282 Chain of Custody

Regulatory Program: DW NPDES RCRA Other:

Project Manager: Dawn Prell
 Tel/Fax: 248-536-5445
 Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below ___ 3-5 days ___
 2 weeks
 1 week
 2 days
 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Sample Specific Notes									
						Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	6020, 7470A: As, Ba, Be, Bi, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Tl, Vn, Zn	Cations: Na, Mg, K	Cl, F, SO4, TDS	Alkalinity (total, CO3, HCO3)	Carrier:	Date: 08/26/22	COC No: 1 of 2 COCs	
GWC-3	8/25/2022	14:00	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 5.99
GWC-4	8/25/2022	10:45	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.19
GWC-5	8/25/2022	9:07	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 5.96
GWC-6	8/25/2022	10:14	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.13
GWC-7	8/25/2022	11:07	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.31
GWC-8A	8/25/2022	12:34	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.29
GWC-9	8/25/2022	13:38	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.48
GWC-10	8/25/2022	9:35	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.20
GWC-11	8/25/2022	15:41	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.01
GWA-15	8/25/2022	15:08	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 5.40
GWA-16	8/25/2022	13:40	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.42
GWC-18	8/25/2022	11:57	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.45

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other
 Possible Hazard Identification: Please list any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample
 Non-Hazard Flammable Skin Irritant Unknown
 Return to Client Disposal by Lab Archive for: _____ Months

Special Instructions/QC Requirements & Comments:
 Custody Seal No.: _____
 Relinquished by: **JAMES FULTON** / *[Signature]*
 Relinquished by: **WSP-600012** Company
 Relinquished by: _____ Company
 Date/Time: 08/26/22
 Date/Time: 8/26/22 14:20
 Date/Time: 8/26/22 9:00
 Date/Time: _____

Chain of Custody Record

TestAmerica Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238-2907
phone 412 963 7058 fax 412 963 2468

TestAmerica Laboratories, Inc.
COC No: 1 of 1 COCs

Regulatory Program: DW NPDES RCRA Other:

Client Contact
Joju Abraham
Southern Company
241 Ralph McGill Blvd SE B10185
Atlanta, GA 30308
JAbraham@southernco.com
Project Name: CCR - Plant Scherer Cell 1
Site Georgia
PO#: GL166235022 02

Project Manager: Dawn Prell
Tel/Fax: 248-536-5445

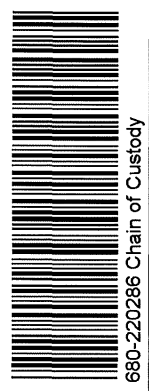
Site Contact: Dawn Prell
Date: 08/26/22

Lab Contact: David Fuller
Carrier: 1 of 1 COCs

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below: 3-5 days

2 weeks
 1 week
 2 days
 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Cations: Na, Mg, K	Alkalinity (total, CO3, HCO3)	Sample Specific Notes
GWC-2	8/26/2022	8:56	G	WG	4	N	N	X	X	pH= 6.37
GWC-12	8/26/2022	9:51	G	WG	4	N	N	X	X	pH= 5.07
GWC-13	8/26/2022	8:45	G	WG	4	N	N	X	X	pH= 5.91
GWC-14	8/26/2022	9:25	G	WG	4	N	N	X	X	pH= 5.51
EB-5	8/26/2022	9:40	G	WQ	4	N	N	X	X	



Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Non-Hazard Flammable Skin Irritant Poison B Unknown

Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Custody Seal No: 14:20
Company: USA-60092
Date/Time: 08/24/22

Relinquished by: *Joju Abraham*
Date/Time: 8-26-22

Relinquished by: *Michael Mikes*
Date/Time: 8/27/22 9:00

Relinquished by: _____
Date/Time: _____

Received in Laboratory by: _____
Date/Time: _____

Received by: *Michael Mikes*
Date/Time: 8-26-22 14:20

Received by: _____
Date/Time: _____

Received in Laboratory by: _____
Date/Time: _____

Company: _____
Cooler Temp. (°C): _____ Obs'd: _____ Cor'd: _____
Company: _____
Company: _____
Company: _____

Therm ID No: _____
Date/Time: _____
Date/Time: _____
Date/Time: _____



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-220259-1

Login Number: 220259

List Source: Eurofins Pittsburgh

List Number: 2

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-220259-1

Login Number: 220282

List Source: Eurofins Pittsburgh

List Number: 2

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-220259-1

Login Number: 220286

List Source: Eurofins Pittsburgh

List Number: 2

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-220298-1

Client Project/Site: CCR - Plant Scherer PAC Ash

For:

Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
10/19/2022 6:44:44 AM

David Fuller, Project Manager
(770)344-8986

David.Fuller@et.eurofinsus.com

LINKS

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results through



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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^-	Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

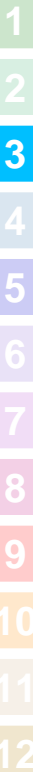
Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-220298-1	GWA-21	Water	08/26/22 10:20	08/27/22 09:00
680-220298-2	GWA-22	Water	08/26/22 10:40	08/27/22 09:00
680-220436-1	GWA-49	Water	08/30/22 15:44	09/01/22 09:00
680-220490-1	GWC-29	Water	08/31/22 10:33	09/02/22 09:00
680-220490-2	GWA-45	Water	08/31/22 11:01	09/02/22 09:00
680-220490-3	GWA-46	Water	08/31/22 09:57	09/02/22 09:00
680-220490-4	GWA-47	Water	08/31/22 10:38	09/02/22 09:00
680-220490-5	GWA-48	Water	08/31/22 09:35	09/02/22 09:00
680-220490-6	GWC-50	Water	08/31/22 14:04	09/02/22 09:00
680-220490-7	GWC-51	Water	08/31/22 11:25	09/02/22 09:00
680-220490-8	GWC-52	Water	08/31/22 12:35	09/02/22 09:00
680-220490-9	GWC-53	Water	08/31/22 14:15	09/02/22 09:00
680-220490-10	FB-6	Water	08/31/22 11:21	09/02/22 09:00
680-220490-11	EB-6	Water	08/31/22 14:50	09/02/22 09:00
680-220490-12	DUP-6	Water	08/31/22 00:00	09/02/22 09:00



Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Job ID: 680-220298-1

Laboratory: Eurofins Savannah

Narrative

Job Narrative 680-220298-1

Receipt

The samples were received on 8/27/2022 9:00 AM, 9/1/2022 9:00 AM and 9/2/2022 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 0.4°C, 0.5°C, 1.4°C, 2.4°C, 2.6°C, 2.7°C, 2.7°C, 2.8°C and 3.6°C

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2320B: The following samples were analyzed outside of analytical holding time due to mechanical and technical difficulties: GWA-21 (680-220298-1) and GWA-22 (680-220298-2).

Method 2320B: Reanalysis of the following samples were performed outside of the analytical holding time due to mechanical and technical difficulties : GWA-49 (680-220436-1), GWC-53 (680-220490-9), EB-6 (680-220490-11) and DUP-6 (680-220490-12).

Method 2540C: The following samples were analyzed outside of analytical holding time due to lab error: GWA-49 (680-220436-1), GWC-29 (680-220490-1), GWA-45 (680-220490-2), GWA-46 (680-220490-3), GWA-47 (680-220490-4), GWA-48 (680-220490-5), GWC-50 (680-220490-6), GWC-51 (680-220490-7), GWC-52 (680-220490-8), GWC-53 (680-220490-9), FB-6 (680-220490-10), EB-6 (680-220490-11) and DUP-6 (680-220490-12).

Method 2320B: The laboratory control sample duplicate (LCSD) for analytical batch 180-414404 recovered outside control limits for the following analytes: Alkalinity. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 2320B: Elevated reporting limits are provided for the following samples due to insufficient sample remaining for re-preparation/re-analysis: GWC-53 (680-220490-9), EB-6 (680-220490-11), (240-173773-C-1) and (240-173773-C-1 DU).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Field Service / Mobile Lab

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWA-21

Lab Sample ID: 680-220298-1

Date Collected: 08/26/22 10:20

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.6		1.0	0.71	mg/L			09/02/22 00:06	1
Fluoride	0.092	J	0.10	0.026	mg/L			09/02/22 00:06	1
Sulfate	2.7		1.0	0.76	mg/L			09/02/22 00:06	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 18:23	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:20	1
Barium	0.026		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 18:23	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 18:23	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 18:23	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:20	1
Calcium	6.8		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:20	1
Chromium	0.0016	J	0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:20	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:20	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:20	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:20	1
Magnesium	4.3		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:20	1
Nickel	0.0012	B	0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:20	1
Potassium	0.61		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:20	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:20	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:20	1
Sodium	8.9		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:20	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:20	1
Vanadium	0.0028		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:20	1
Zinc	<0.0029		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 13:59	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:21	09/14/22 15:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	46	H	5.0	5.0	mg/L			09/14/22 01:30	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	46	H	5.0	5.0	mg/L			09/14/22 01:30	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 01:30	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.73				SU			08/26/22 10:20	1

Client Sample ID: GWA-22

Lab Sample ID: 680-220298-2

Date Collected: 08/26/22 10:40

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.71	mg/L			09/02/22 00:47	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWA-22

Lab Sample ID: 680-220298-2

Date Collected: 08/26/22 10:40

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.028	J	0.10	0.026	mg/L			09/02/22 00:47	1
Sulfate	<0.76		1.0	0.76	mg/L			09/02/22 00:47	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 18:27	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:23	1
Barium	0.021		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 18:27	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 18:27	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 18:27	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:23	1
Calcium	7.8		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:23	1
Chromium	0.0078		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:23	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:23	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:23	1
Magnesium	2.6		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:23	1
Nickel	0.00065	J B	0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:23	1
Potassium	0.79		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:23	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:23	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:23	1
Sodium	5.3		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:23	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:23	1
Vanadium	0.0020		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:23	1
Zinc	<0.0029		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 14:03	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:21	09/14/22 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	83		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	41	H	5.0	5.0	mg/L			09/14/22 01:56	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	41	H	5.0	5.0	mg/L			09/14/22 01:56	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 01:56	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.86				SU			08/26/22 10:40	1

Client Sample ID: GWA-49

Lab Sample ID: 680-220436-1

Date Collected: 08/30/22 15:44

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.2		1.0	0.71	mg/L			09/02/22 23:38	1
Fluoride	0.044	J	0.10	0.026	mg/L			09/02/22 23:38	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWA-49

Lab Sample ID: 680-220436-1

Date Collected: 08/30/22 15:44

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.76	J	1.0	0.76	mg/L			09/02/22 23:38	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 18:30	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:26	1
Barium	0.021		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 18:30	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 18:30	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 18:30	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:26	1
Calcium	14		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:26	1
Chromium	0.0064		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:26	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:26	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:26	1
Magnesium	7.0		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:26	1
Nickel	0.00074	J B	0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:26	1
Potassium	0.82		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:26	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:26	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:26	1
Sodium	6.5		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:26	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:26	1
Vanadium	0.019		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:26	1
Zinc	<0.0029		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 14:06	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	130	H	10	10	mg/L			09/07/22 14:53	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	77	H	5.0	5.0	mg/L			09/15/22 17:50	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	77	H	5.0	5.0	mg/L			09/15/22 17:50	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/15/22 17:50	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.08				SU			08/30/22 15:44	1

Client Sample ID: GWC-29

Lab Sample ID: 680-220490-1

Date Collected: 08/31/22 10:33

Matrix: Water

Date Received: 09/02/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.5		1.0	0.71	mg/L			09/04/22 04:44	1
Fluoride	0.082	J	0.10	0.026	mg/L			09/04/22 04:44	1
Sulfate	2.8		1.0	0.76	mg/L			09/04/22 04:44	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWC-29

Lab Sample ID: 680-220490-1

Date Collected: 08/31/22 10:33

Matrix: Water

Date Received: 09/02/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 18:41	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:34	1
Barium	0.025		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 18:41	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 18:41	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 18:41	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:34	1
Calcium	17		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:34	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:34	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:34	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:34	1
Magnesium	10		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:34	1
Nickel	0.0033	B	0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:34	1
Potassium	0.82		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:34	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:34	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:34	1
Sodium	6.7		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:34	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:34	1
Vanadium	0.0055		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:34	1
Zinc	<0.0029		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 14:09	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	130	H	10	10	mg/L			09/09/22 12:33	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	91	H ++	5.0	5.0	mg/L			10/06/22 11:55	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	91	H	5.0	5.0	mg/L			10/06/22 11:55	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			10/06/22 11:55	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.21				SU			08/31/22 10:33	1

Client Sample ID: GWA-45

Lab Sample ID: 680-220490-2

Date Collected: 08/31/22 11:01

Matrix: Water

Date Received: 09/02/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.71	mg/L			09/04/22 03:30	1
Fluoride	0.033	J	0.10	0.026	mg/L			09/04/22 03:30	1
Sulfate	170		1.0	0.76	mg/L			09/04/22 03:30	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 18:45	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWA-45

Lab Sample ID: 680-220490-2

Date Collected: 08/31/22 11:01

Matrix: Water

Date Received: 09/02/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:37	1
Barium	0.065		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 18:45	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 18:45	1
Boron	1.2		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 18:45	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:37	1
Calcium	23		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:37	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:37	1
Cobalt	0.0012	J B	0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:37	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:37	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:37	1
Magnesium	9.7		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:37	1
Nickel	0.00065	J B	0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:37	1
Potassium	2.4		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:37	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:37	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:37	1
Sodium	52		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:37	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:37	1
Vanadium	0.0011		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:37	1
Zinc	0.0051		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 14:13	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 15:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	320	H	10	10	mg/L			09/09/22 12:33	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	27	H ++	5.0	5.0	mg/L			10/06/22 12:00	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	27	H	5.0	5.0	mg/L			10/06/22 12:00	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			10/06/22 12:00	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.03				SU			08/31/22 11:01	1

Client Sample ID: GWA-46

Lab Sample ID: 680-220490-3

Date Collected: 08/31/22 09:57

Matrix: Water

Date Received: 09/02/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.1		1.0	0.71	mg/L			09/04/22 03:49	1
Fluoride	0.033	J	0.10	0.026	mg/L			09/04/22 03:49	1
Sulfate	1.1		1.0	0.76	mg/L			09/04/22 03:49	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 18:49	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:40	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWA-46

Lab Sample ID: 680-220490-3

Date Collected: 08/31/22 09:57

Matrix: Water

Date Received: 09/02/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.022		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 18:49	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 18:49	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 18:49	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:40	1
Calcium	5.7		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:40	1
Chromium	0.0048		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:40	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:40	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:40	1
Magnesium	3.0		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:40	1
Nickel	0.00056	J B	0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:40	1
Potassium	0.76		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:40	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:40	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:40	1
Sodium	4.7		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:40	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:40	1
Vanadium	0.0027		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:40	1
Zinc	0.0032	J	0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 14:46	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	83	H	10	10	mg/L			09/09/22 12:41	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	31	H **	5.0	5.0	mg/L			10/06/22 16:28	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	31	H	5.0	5.0	mg/L			10/06/22 16:28	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			10/06/22 16:28	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.80				SU			08/31/22 09:57	1

Client Sample ID: GWA-47

Lab Sample ID: 680-220490-4

Date Collected: 08/31/22 10:38

Matrix: Water

Date Received: 09/02/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.71	mg/L			09/04/22 04:07	1
Fluoride	0.056	J	0.10	0.026	mg/L			09/04/22 04:07	1
Sulfate	1.1		1.0	0.76	mg/L			09/04/22 04:07	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00059	J B	0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 18:52	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:43	1
Barium	0.031		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 18:52	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWA-47

Lab Sample ID: 680-220490-4

Date Collected: 08/31/22 10:38

Matrix: Water

Date Received: 09/02/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 18:52	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 18:52	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:43	1
Calcium	12		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:43	1
Chromium	0.0084		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:43	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:43	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:43	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:43	1
Magnesium	5.4		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:43	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:43	1
Potassium	0.91		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:43	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:43	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:43	1
Sodium	7.3		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:43	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:43	1
Vanadium	0.0073		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:43	1
Zinc	<0.0029		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 14:49	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110	H	10	10	mg/L			09/09/22 12:33	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	67	H	5.0	5.0	mg/L			09/16/22 22:30	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	67	H	5.0	5.0	mg/L			09/16/22 22:30	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/16/22 22:30	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.53				SU			08/31/22 10:38	1

Client Sample ID: GWA-48

Lab Sample ID: 680-220490-5

Date Collected: 08/31/22 09:35

Matrix: Water

Date Received: 09/02/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.71	mg/L			09/04/22 04:26	1
Fluoride	0.053	J	0.10	0.026	mg/L			09/04/22 04:26	1
Sulfate	1.6		1.0	0.76	mg/L			09/04/22 04:26	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00089	J B	0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 18:56	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:46	1
Barium	0.016		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 18:56	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 18:56	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWA-48

Lab Sample ID: 680-220490-5

Date Collected: 08/31/22 09:35

Matrix: Water

Date Received: 09/02/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.060		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 18:56	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:46	1
Calcium	12		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:46	1
Chromium	0.0059		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:46	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:46	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:46	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:46	1
Magnesium	5.4		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:46	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:46	1
Potassium	0.94		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:46	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:46	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:46	1
Sodium	6.0		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:46	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:46	1
Vanadium	0.018		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:46	1
Zinc	0.0039	J	0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 14:53	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 15:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110	H	10	10	mg/L			09/09/22 12:33	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	63	H **	5.0	5.0	mg/L			10/06/22 16:33	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	63	H	5.0	5.0	mg/L			10/06/22 16:33	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			10/06/22 16:33	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.91				SU			08/31/22 09:35	1

Client Sample ID: GWC-50

Lab Sample ID: 680-220490-6

Date Collected: 08/31/22 14:04

Matrix: Water

Date Received: 09/02/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.71	mg/L			09/04/22 06:17	1
Fluoride	0.065	J	0.10	0.026	mg/L			09/04/22 06:17	1
Sulfate	0.88	J	1.0	0.76	mg/L			09/04/22 06:17	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 19:00	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:48	1
Barium	0.015		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 19:00	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 19:00	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 19:00	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWC-50

Lab Sample ID: 680-220490-6

Date Collected: 08/31/22 14:04

Matrix: Water

Date Received: 09/02/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:48	1
Calcium	7.1		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:48	1
Chromium	0.0040		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:48	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:48	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:48	1
Magnesium	3.4		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:48	1
Nickel	0.0031	B	0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:48	1
Potassium	0.53		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:48	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:48	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:48	1
Sodium	5.4		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:48	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:48	1
Vanadium	0.0031		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:48	1
Zinc	<0.0029		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 14:56	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 15:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	88	H	10	10	mg/L			09/09/22 12:33	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	23	H **	5.0	5.0	mg/L			10/06/22 16:39	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	23	H	5.0	5.0	mg/L			10/06/22 16:39	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			10/06/22 16:39	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.85				SU			08/31/22 14:04	1

Client Sample ID: GWC-51

Lab Sample ID: 680-220490-7

Date Collected: 08/31/22 11:25

Matrix: Water

Date Received: 09/02/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.7		1.0	0.71	mg/L			09/04/22 06:35	1
Fluoride	0.066	J	0.10	0.026	mg/L			09/04/22 06:35	1
Sulfate	2.4		1.0	0.76	mg/L			09/04/22 06:35	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00087	J B	0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 19:03	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:51	1
Barium	0.011		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 19:03	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 19:03	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 19:03	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:51	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWC-51

Lab Sample ID: 680-220490-7

Date Collected: 08/31/22 11:25

Matrix: Water

Date Received: 09/02/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	7.2		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:51	1
Chromium	0.0047		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:51	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:51	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:51	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:51	1
Magnesium	4.8		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:51	1
Nickel	0.0025	B	0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:51	1
Potassium	0.41	J	0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:51	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:51	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:51	1
Sodium	4.7		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:51	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:51	1
Vanadium	0.0038		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:51	1
Zinc	<0.0029		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 14:59	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 15:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	90	H	10	10	mg/L			09/09/22 12:33	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	37	H **	5.0	5.0	mg/L			10/06/22 12:52	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	37	H	5.0	5.0	mg/L			10/06/22 12:52	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			10/06/22 12:52	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.91				SU			08/31/22 11:25	1

Client Sample ID: GWC-52

Lab Sample ID: 680-220490-8

Date Collected: 08/31/22 12:35

Matrix: Water

Date Received: 09/02/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.6		1.0	0.71	mg/L			09/04/22 06:54	1
Fluoride	0.053	J	0.10	0.026	mg/L			09/04/22 06:54	1
Sulfate	65		1.0	0.76	mg/L			09/04/22 06:54	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 19:07	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:54	1
Barium	0.022		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 19:07	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 19:07	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 19:07	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:54	1
Calcium	21		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:54	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWC-52

Lab Sample ID: 680-220490-8

Date Collected: 08/31/22 12:35

Matrix: Water

Date Received: 09/02/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.038		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:54	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:54	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:54	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:54	1
Magnesium	11		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:54	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:54	1
Potassium	1.4		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:54	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:54	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:54	1
Sodium	9.0		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:54	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:54	1
Vanadium	0.010		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:54	1
Zinc	<0.0029		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 15:09	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 15:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	190	H	10	10	mg/L			09/09/22 12:33	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	46	H +	5.0	5.0	mg/L			10/06/22 12:57	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	46	H	5.0	5.0	mg/L			10/06/22 12:57	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			10/06/22 12:57	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.74				SU			08/31/22 12:35	1

Client Sample ID: GWC-53

Lab Sample ID: 680-220490-9

Date Collected: 08/31/22 14:15

Matrix: Water

Date Received: 09/02/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.71	mg/L			09/04/22 07:12	1
Fluoride	0.055	J	0.10	0.026	mg/L			09/04/22 07:12	1
Sulfate	170		1.0	0.76	mg/L			09/04/22 07:12	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 19:11	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:57	1
Barium	0.036		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 19:11	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 19:11	1
Boron	1.0		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 19:11	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:57	1
Calcium	17		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:57	1
Chromium	0.0020		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:57	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWC-53

Lab Sample ID: 680-220490-9

Date Collected: 08/31/22 14:15

Matrix: Water

Date Received: 09/02/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.014	B	0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:57	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:57	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:57	1
Magnesium	10		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:57	1
Nickel	0.0069	B	0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:57	1
Potassium	1.6		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:57	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:57	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:57	1
Sodium	52		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:57	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:57	1
Vanadium	0.00095	J	0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:57	1
Zinc	0.015		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 15:13	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 15:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	300	H	10	10	mg/L			09/09/22 12:33	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	17	H	10	10	mg/L			10/14/22 13:26	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	17	H	10	10	mg/L			10/14/22 13:26	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<10	H	10	10	mg/L			10/14/22 13:26	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.59				SU			08/31/22 14:15	1

Client Sample ID: FB-6

Lab Sample ID: 680-220490-10

Date Collected: 08/31/22 11:21

Matrix: Water

Date Received: 09/02/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/04/22 07:30	1
Fluoride	<0.026		0.10	0.026	mg/L			09/04/22 07:30	1
Sulfate	<0.76		1.0	0.76	mg/L			09/04/22 07:30	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 19:21	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 20:05	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 19:21	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 19:21	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 19:21	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 20:05	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 20:05	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 20:05	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 20:05	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: FB-6

Lab Sample ID: 680-220490-10

Date Collected: 08/31/22 11:21

Matrix: Water

Date Received: 09/02/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 20:05	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 20:05	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 20:05	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 20:05	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 20:05	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 20:05	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 20:05	1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 20:05	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 20:05	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 20:05	1
Zinc	0.0055		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 15:16	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 15:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	<10	H	10	10	mg/L			09/09/22 12:41	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/16/22 22:36	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/16/22 22:36	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/16/22 22:36	1

Client Sample ID: EB-6

Lab Sample ID: 680-220490-11

Date Collected: 08/31/22 14:50

Matrix: Water

Date Received: 09/02/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/04/22 07:49	1
Fluoride	<0.026		0.10	0.026	mg/L			09/04/22 07:49	1
Sulfate	<0.76		1.0	0.76	mg/L			09/04/22 07:49	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00053	J	0.0020	0.00051	mg/L		09/17/22 11:04	09/24/22 16:28	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/17/22 11:04	09/24/22 16:28	1
Barium	<0.0031		0.010	0.0031	mg/L		09/17/22 11:04	09/24/22 16:28	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/17/22 11:04	09/24/22 16:28	1
Boron	0.095		0.080	0.060	mg/L		09/17/22 11:04	09/24/22 16:28	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/17/22 11:04	09/24/22 16:28	1
Calcium	<0.13		0.50	0.13	mg/L		09/17/22 11:04	09/24/22 16:28	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/17/22 11:04	09/24/22 16:28	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/17/22 11:04	09/24/22 16:28	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/17/22 11:04	09/24/22 16:28	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/17/22 11:04	09/24/22 16:28	1
Magnesium	<0.050		0.50	0.050	mg/L		09/17/22 11:04	09/24/22 16:28	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/17/22 11:04	09/24/22 16:28	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: EB-6

Lab Sample ID: 680-220490-11

Date Collected: 08/31/22 14:50

Matrix: Water

Date Received: 09/02/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.16		0.50	0.16	mg/L		09/17/22 11:04	09/24/22 16:28	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/17/22 11:04	09/24/22 16:28	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/17/22 11:04	09/24/22 16:28	1
Sodium	<0.18		0.50	0.18	mg/L		09/17/22 11:04	09/24/22 16:28	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/17/22 11:04	09/24/22 16:28	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/17/22 11:04	09/24/22 16:28	1
Zinc	0.0029	J	0.0050	0.0029	mg/L		09/17/22 11:04	09/24/22 16:28	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 15:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	<10	H	10	10	mg/L			09/09/22 12:33	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	<10	H	10	10	mg/L			10/14/22 15:18	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<10	H	10	10	mg/L			10/14/22 15:18	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<10	H	10	10	mg/L			10/14/22 15:18	1

Client Sample ID: DUP-6

Lab Sample ID: 680-220490-12

Date Collected: 08/31/22 00:00

Matrix: Water

Date Received: 09/02/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.8		1.0	0.71	mg/L			09/07/22 11:43	1
Fluoride	0.047	J	0.10	0.026	mg/L			09/07/22 11:43	1
Sulfate	1.8		1.0	0.76	mg/L			09/07/22 11:43	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00059	J B	0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 17:50	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 19:03	1
Barium	0.011		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 17:50	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 17:50	1
Boron	0.10		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 17:50	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 19:03	1
Calcium	7.1		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 19:03	1
Chromium	0.0047		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 19:03	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 19:03	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 19:03	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 19:03	1
Magnesium	4.8		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 19:03	1
Nickel	0.0024	B	0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 19:03	1
Potassium	0.42	J	0.50	0.16	mg/L		09/15/22 18:41	09/28/22 19:03	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 19:03	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 19:03	1
Sodium	4.7		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 19:03	1

Eurofins Savannah

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: DUP-6

Lab Sample ID: 680-220490-12

Date Collected: 08/31/22 00:00

Matrix: Water

Date Received: 09/02/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 19:03	1
Vanadium	0.0040		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 19:03	1
Zinc	<0.0029		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 13:56	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 15:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	97	H	10	10	mg/L			09/09/22 12:50	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	39	H	5.0	5.0	mg/L			09/15/22 18:33	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	39	H	5.0	5.0	mg/L			09/15/22 18:33	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/15/22 18:33	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 180-410826/36
Matrix: Water
Analysis Batch: 410826

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 20:43	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/22 20:43	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 20:43	1

Lab Sample ID: LCS 180-410826/37
Matrix: Water
Analysis Batch: 410826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	52.2		mg/L		104	90 - 110
Fluoride	2.50	2.59		mg/L		104	90 - 110
Sulfate	50.0	51.1		mg/L		102	90 - 110

Lab Sample ID: 180-143788-A-2 MS
Matrix: Water
Analysis Batch: 410826

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	8.0		50.0	59.8		mg/L		104	90 - 110
Fluoride	0.13		2.50	2.69		mg/L		103	90 - 110
Sulfate	0.98	J	50.0	52.4		mg/L		103	90 - 110

Lab Sample ID: 180-143788-A-2 MSD
Matrix: Water
Analysis Batch: 410826

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8.0		50.0	59.8		mg/L		104	90 - 110	0	20
Fluoride	0.13		2.50	2.70		mg/L		103	90 - 110	0	20
Sulfate	0.98	J	50.0	51.8		mg/L		102	90 - 110	1	20

Lab Sample ID: MB 180-410939/36
Matrix: Water
Analysis Batch: 410939

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/02/22 21:24	1
Fluoride	<0.026		0.10	0.026	mg/L			09/02/22 21:24	1
Sulfate	<0.76		1.0	0.76	mg/L			09/02/22 21:24	1

Lab Sample ID: MB 180-410939/6
Matrix: Water
Analysis Batch: 410939

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/02/22 10:53	1
Fluoride	<0.026		0.10	0.026	mg/L			09/02/22 10:53	1
Sulfate	<0.76		1.0	0.76	mg/L			09/02/22 10:53	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 180-410939/37
Matrix: Water
Analysis Batch: 410939

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	50.0	50.5		mg/L		101	90 - 110	
Fluoride	2.50	2.73		mg/L		109	90 - 110	
Sulfate	50.0	50.2		mg/L		100	90 - 110	

Lab Sample ID: LCS 180-410939/7
Matrix: Water
Analysis Batch: 410939

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	50.0	51.1		mg/L		102	90 - 110	
Fluoride	2.50	2.75		mg/L		110	90 - 110	
Sulfate	50.0	51.7		mg/L		103	90 - 110	

Lab Sample ID: 180-143741-D-1 MS
Matrix: Water
Analysis Batch: 410939

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	13		50.0	61.2		mg/L		97	90 - 110	
Fluoride	0.082	J	2.50	2.75		mg/L		107	90 - 110	
Sulfate	19		50.0	69.3		mg/L		100	90 - 110	

Lab Sample ID: 180-143741-D-1 MSD
Matrix: Water
Analysis Batch: 410939

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
Chloride	13		50.0	60.8		mg/L		96	90 - 110	1	20	
Fluoride	0.082	J	2.50	2.73		mg/L		106	90 - 110	1	20	
Sulfate	19		50.0	69.0		mg/L		100	90 - 110	0	20	

Lab Sample ID: MB 180-411020/39
Matrix: Water
Analysis Batch: 411020

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.026		0.10	0.026	mg/L		09/04/22 00:44	1	
Sulfate	<0.76		1.0	0.76	mg/L		09/04/22 00:44	1	

Lab Sample ID: LCS 180-411020/42
Matrix: Water
Analysis Batch: 411020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	50.0	51.8		mg/L		104	90 - 110	
Fluoride	2.50	2.72		mg/L		109	90 - 110	
Sulfate	50.0	50.7		mg/L		101	90 - 110	

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 180-143933-B-4 MS
Matrix: Water
Analysis Batch: 411020

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits		
Chloride	79		50.0	125		mg/L		91		90 - 110	
Fluoride	0.46		2.50	2.86		mg/L		96		90 - 110	
Sulfate	670		50.0	686	4	mg/L		41		90 - 110	

Lab Sample ID: 180-143933-B-4 MSD
Matrix: Water
Analysis Batch: 411020

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits	RPD	Limit	
Chloride	79		50.0	130		mg/L		102		4		20
Fluoride	0.46		2.50	3.00		mg/L		101		5		20
Sulfate	670		50.0	722	4	mg/L		114		5		20

Lab Sample ID: MB 180-411021/45
Matrix: Water
Analysis Batch: 411021

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.71		1.0	0.71	mg/L			09/03/22 23:48	1
Fluoride	<0.026		0.10	0.026	mg/L			09/03/22 23:48	1
Sulfate	<0.76		1.0	0.76	mg/L			09/03/22 23:48	1

Lab Sample ID: LCS 180-411021/46
Matrix: Water
Analysis Batch: 411021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
							Added
Chloride	50.0	51.7		mg/L		103	90 - 110
Fluoride	2.50	2.57		mg/L		103	90 - 110
Sulfate	50.0	51.1		mg/L		102	90 - 110

Lab Sample ID: 680-220490-1 MS
Matrix: Water
Analysis Batch: 411021

Client Sample ID: GWC-29
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits		
Chloride	3.5		50.0	56.1		mg/L		105		90 - 110	
Fluoride	0.082	J	2.50	2.60		mg/L		101		90 - 110	
Sulfate	2.8		50.0	55.4		mg/L		105		90 - 110	

Lab Sample ID: 680-220490-1 MSD
Matrix: Water
Analysis Batch: 411021

Client Sample ID: GWC-29
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits	RPD	Limit	
Chloride	3.5		50.0	55.5		mg/L		104		1		20
Fluoride	0.082	J	2.50	2.61		mg/L		101		0		20
Sulfate	2.8		50.0	54.1		mg/L		103		2		20

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 180-411242/6
Matrix: Water
Analysis Batch: 411242

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/07/22 10:24	1
Fluoride	<0.026		0.10	0.026	mg/L			09/07/22 10:24	1
Sulfate	<0.76		1.0	0.76	mg/L			09/07/22 10:24	1

Lab Sample ID: LCS 180-411242/7
Matrix: Water
Analysis Batch: 411242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	48.9		mg/L		98	90 - 110
Fluoride	2.50	2.59		mg/L		103	90 - 110
Sulfate	50.0	47.5		mg/L		95	90 - 110

Lab Sample ID: 680-220490-12 MS
Matrix: Water
Analysis Batch: 411242

Client Sample ID: DUP-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.8		50.0	56.3		mg/L		97	90 - 110
Fluoride	0.047	J	2.50	2.57		mg/L		101	90 - 110
Sulfate	1.8		50.0	49.7		mg/L		96	90 - 110

Lab Sample ID: 680-220490-12 MSD
Matrix: Water
Analysis Batch: 411242

Client Sample ID: DUP-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.8		50.0	57.8		mg/L		100	90 - 110	3	20
Fluoride	0.047	J	2.50	2.63		mg/L		103	90 - 110	2	20
Sulfate	1.8		50.0	51.3		mg/L		99	90 - 110	3	20

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-412210/1-A
Matrix: Water
Analysis Batch: 413574

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000424	J	0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 18:26	1
Cadmium	0.000273	J	0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 18:26	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 18:41	09/28/22 18:26	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 18:26	1
Cobalt	0.000278	J	0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 18:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 18:26	1
Lead	0.000267	J	0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 18:26	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 18:41	09/28/22 18:26	1
Nickel	0.000534	J	0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 18:26	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 18:41	09/28/22 18:26	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 18:26	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 18:26	1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 180-412210/1-A
Matrix: Water
Analysis Batch: 413574

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 18:41	09/28/22 18:26	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 18:26	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 18:26	1

Lab Sample ID: MB 180-412210/1-A
Matrix: Water
Analysis Batch: 413813

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	0.000969	J	0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 17:07	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 17:07	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 17:07	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 18:41	09/30/22 17:07	1

Lab Sample ID: LCS 180-412210/2-A
Matrix: Water
Analysis Batch: 413574

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.500	0.515		mg/L		103	80 - 120
Calcium	25.0	25.9		mg/L		104	80 - 120
Chromium	0.500	0.510		mg/L		102	80 - 120
Cobalt	0.500	0.473		mg/L		95	80 - 120
Copper	0.500	0.464		mg/L		93	80 - 120
Lead	0.500	0.513		mg/L		103	80 - 120
Magnesium	25.0	23.8		mg/L		95	80 - 120
Nickel	0.500	0.485		mg/L		97	80 - 120
Potassium	25.0	25.6		mg/L		102	80 - 120
Selenium	1.00	0.919		mg/L		92	80 - 120
Silver	0.250	0.253		mg/L		101	80 - 120
Sodium	25.0	26.0		mg/L		104	80 - 120
Thallium	1.00	0.969		mg/L		97	80 - 120
Vanadium	0.500	0.510		mg/L		102	80 - 120

Lab Sample ID: LCS 180-412210/2-A
Matrix: Water
Analysis Batch: 413813

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	1.00	0.988		mg/L		99	80 - 120
Beryllium	0.500	0.529		mg/L		106	80 - 120
Boron	1.25	1.42		mg/L		113	80 - 120

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-143889-F-3-C MS
Matrix: Water
Analysis Batch: 413574

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				Limits	
Arsenic	0.0020	B	1.00	1.04		mg/L		104	75 - 125	
Cadmium	<0.00022		0.500	0.513		mg/L		103	75 - 125	
Calcium	360		25.0	406	4	mg/L		195	75 - 125	
Chromium	<0.0015		0.500	0.508		mg/L		102	75 - 125	
Cobalt	<0.00026		0.500	0.482		mg/L		96	75 - 125	
Copper	<0.0011		0.500	0.454		mg/L		91	75 - 125	
Lead	<0.00017		0.500	0.521		mg/L		104	75 - 125	
Magnesium	61		25.0	86.6		mg/L		104	75 - 125	
Nickel	<0.00052		0.500	0.485		mg/L		97	75 - 125	
Potassium	2.2		25.0	27.2		mg/L		100	75 - 125	
Selenium	<0.00074		1.00	0.979		mg/L		98	75 - 125	
Silver	<0.00022		0.250	0.251		mg/L		100	75 - 125	
Sodium	95		25.0	124		mg/L		118	75 - 125	
Thallium	<0.00047		1.00	0.967		mg/L		97	75 - 125	
Vanadium	<0.00078		0.500	0.520		mg/L		104	75 - 125	

Lab Sample ID: 180-143889-F-3-C MS
Matrix: Water
Analysis Batch: 413813

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				Limits	
Antimony	0.00073	J B	0.250	0.290		mg/L		116	75 - 125	
Barium	0.012		1.00	1.17		mg/L		116	75 - 125	
Beryllium	<0.00027		0.500	0.532		mg/L		106	75 - 125	
Boron	0.34		1.25	1.67		mg/L		107	75 - 125	

Lab Sample ID: 180-143889-F-3-D MSD
Matrix: Water
Analysis Batch: 413574

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Arsenic	0.0020	B	1.00	1.02		mg/L		102	75 - 125	2	20
Cadmium	<0.00022		0.500	0.514		mg/L		103	75 - 125	0	20
Calcium	360		25.0	384	4	mg/L		108	75 - 125	6	20
Chromium	<0.0015		0.500	0.503		mg/L		101	75 - 125	1	20
Cobalt	<0.00026		0.500	0.480		mg/L		96	75 - 125	0	20
Copper	<0.0011		0.500	0.449		mg/L		90	75 - 125	1	20
Lead	<0.00017		0.500	0.515		mg/L		103	75 - 125	1	20
Magnesium	61		25.0	83.6		mg/L		92	75 - 125	4	20
Nickel	<0.00052		0.500	0.479		mg/L		96	75 - 125	1	20
Potassium	2.2		25.0	27.0		mg/L		99	75 - 125	1	20
Selenium	<0.00074		1.00	0.969		mg/L		97	75 - 125	1	20
Silver	<0.00022		0.250	0.251		mg/L		101	75 - 125	0	20
Sodium	95		25.0	122		mg/L		109	75 - 125	2	20
Thallium	<0.00047		1.00	0.979		mg/L		98	75 - 125	1	20
Vanadium	<0.00078		0.500	0.523		mg/L		105	75 - 125	1	20

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-143889-F-3-D MSD

Matrix: Water

Analysis Batch: 413813

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 412210

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	0.00073	J B	0.250	0.287		mg/L		115	75 - 125	1	20
Barium	0.012		1.00	0.989		mg/L		98	75 - 125	17	20
Beryllium	<0.00027		0.500	0.502		mg/L		100	75 - 125	6	20
Boron	0.34		1.25	1.75		mg/L		113	75 - 125	4	20

Lab Sample ID: MB 180-412403/1-A

Matrix: Water

Analysis Batch: 413382

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 412403

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		09/17/22 11:04	09/24/22 16:14	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/17/22 11:04	09/24/22 16:14	1
Barium	<0.0031		0.010	0.0031	mg/L		09/17/22 11:04	09/24/22 16:14	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/17/22 11:04	09/24/22 16:14	1
Boron	<0.060		0.080	0.060	mg/L		09/17/22 11:04	09/24/22 16:14	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/17/22 11:04	09/24/22 16:14	1
Calcium	<0.13		0.50	0.13	mg/L		09/17/22 11:04	09/24/22 16:14	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/17/22 11:04	09/24/22 16:14	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/17/22 11:04	09/24/22 16:14	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/17/22 11:04	09/24/22 16:14	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/17/22 11:04	09/24/22 16:14	1
Magnesium	<0.050		0.50	0.050	mg/L		09/17/22 11:04	09/24/22 16:14	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/17/22 11:04	09/24/22 16:14	1
Potassium	<0.16		0.50	0.16	mg/L		09/17/22 11:04	09/24/22 16:14	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/17/22 11:04	09/24/22 16:14	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/17/22 11:04	09/24/22 16:14	1
Sodium	<0.18		0.50	0.18	mg/L		09/17/22 11:04	09/24/22 16:14	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/17/22 11:04	09/24/22 16:14	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/17/22 11:04	09/24/22 16:14	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/17/22 11:04	09/24/22 16:14	1

Lab Sample ID: LCS 180-412403/2-A

Matrix: Water

Analysis Batch: 413382

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 412403

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
Antimony	0.250	0.276		mg/L		110	80 - 120
Arsenic	1.00	1.02		mg/L		102	80 - 120
Barium	1.00	1.02		mg/L		102	80 - 120
Beryllium	0.500	0.555		mg/L		111	80 - 120
Boron	1.25	1.34		mg/L		107	80 - 120
Cadmium	0.500	0.512		mg/L		102	80 - 120
Calcium	25.0	27.8		mg/L		111	80 - 120
Chromium	0.500	0.501		mg/L		100	80 - 120
Cobalt	0.500	0.503		mg/L		101	80 - 120
Copper	0.500	0.480		mg/L		96	80 - 120
Lead	0.500	0.516		mg/L		103	80 - 120
Magnesium	25.0	26.0		mg/L		104	80 - 120
Nickel	0.500	0.509		mg/L		102	80 - 120

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-412403/2-A
Matrix: Water
Analysis Batch: 413382

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 412403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Potassium	25.0	25.5		mg/L		102	80 - 120	
Selenium	1.00	0.995		mg/L		100	80 - 120	
Silver	0.250	0.241		mg/L		96	80 - 120	
Sodium	25.0	26.3		mg/L		105	80 - 120	
Thallium	1.00	1.04		mg/L		104	80 - 120	
Vanadium	0.500	0.503		mg/L		101	80 - 120	
Zinc	0.250	0.275		mg/L		110	80 - 120	

Lab Sample ID: MB 180-414327/1-A
Matrix: Water
Analysis Batch: 414650

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 414327

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Zinc	<0.0029		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 13:13	1

Lab Sample ID: LCS 180-414327/2-A
Matrix: Water
Analysis Batch: 414650

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 414327

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Zinc	0.250	0.253		mg/L		101	80 - 120	

Lab Sample ID: 680-220490-2 MS
Matrix: Water
Analysis Batch: 414650

Client Sample ID: GWA-45
Prep Type: Total Recoverable
Prep Batch: 414327

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Zinc	0.0051		0.250	0.253		mg/L		99	75 - 125	

Lab Sample ID: 680-220490-2 MSD
Matrix: Water
Analysis Batch: 414650

Client Sample ID: GWA-45
Prep Type: Total Recoverable
Prep Batch: 414327

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	
									Limits		RPD	Limit
Zinc	0.0051		0.250	0.260		mg/L		102	75 - 125	3	20	

Lab Sample ID: 180-143717-E-2-B MS
Matrix: Water
Analysis Batch: 413382

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 412403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Antimony	<0.00051		0.250	0.279		mg/L		112	75 - 125	
Arsenic	<0.00028		1.00	1.01		mg/L		101	75 - 125	
Barium	0.013	F1	1.00	1.09		mg/L		107	75 - 125	
Beryllium	<0.00027		0.500	0.559		mg/L		112	75 - 125	
Boron	<0.060		1.25	1.38		mg/L		110	75 - 125	
Cadmium	<0.00022		0.500	0.517		mg/L		103	75 - 125	
Calcium	7.4		25.0	34.6		mg/L		109	75 - 125	
Chromium	<0.0015		0.500	0.497		mg/L		99	75 - 125	
Cobalt	0.00029	J	0.500	0.495		mg/L		99	75 - 125	

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-143717-E-2-B MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Dissolved

Analysis Batch: 413382

Prep Batch: 412403

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Copper	<0.0011		0.500	0.479		mg/L		96	75 - 125	
Lead	<0.00017		0.500	0.514		mg/L		103	75 - 125	
Magnesium	6.6		25.0	32.3		mg/L		103	75 - 125	
Nickel	0.0054		0.500	0.504		mg/L		100	75 - 125	
Potassium	1.4		25.0	26.5		mg/L		100	75 - 125	
Selenium	<0.00074		1.00	0.981		mg/L		98	75 - 125	
Silver	<0.00022		0.250	0.236		mg/L		95	75 - 125	
Sodium	11		25.0	37.8		mg/L		106	75 - 125	
Thallium	<0.00047		1.00	1.04		mg/L		104	75 - 125	
Vanadium	0.00091	J	0.500	0.501		mg/L		100	75 - 125	
Zinc	0.0082		0.250	0.262		mg/L		102	75 - 125	

Lab Sample ID: 180-143717-E-2-C MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Dissolved

Analysis Batch: 413382

Prep Batch: 412403

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						RPD	Limit
Antimony	<0.00051		0.250	0.277		mg/L		111	75 - 125	1	20	
Arsenic	<0.00028		1.00	1.02		mg/L		102	75 - 125	1	20	
Barium	0.013	F1	1.00	1.27	F1	mg/L		126	75 - 125	16	20	
Beryllium	<0.00027		0.500	0.573	^+	mg/L		115	75 - 125	2	20	
Boron	<0.060		1.25	1.34		mg/L		107	75 - 125	3	20	
Cadmium	<0.00022		0.500	0.517		mg/L		103	75 - 125	0	20	
Calcium	7.4		25.0	35.1		mg/L		111	75 - 125	2	20	
Chromium	<0.0015		0.500	0.497		mg/L		99	75 - 125	0	20	
Cobalt	0.00029	J	0.500	0.494		mg/L		99	75 - 125	0	20	
Copper	<0.0011		0.500	0.478		mg/L		96	75 - 125	0	20	
Lead	<0.00017		0.500	0.514		mg/L		103	75 - 125	0	20	
Magnesium	6.6		25.0	32.7		mg/L		104	75 - 125	1	20	
Nickel	0.0054		0.500	0.505		mg/L		100	75 - 125	0	20	
Potassium	1.4		25.0	26.7		mg/L		101	75 - 125	1	20	
Selenium	<0.00074		1.00	0.988		mg/L		99	75 - 125	1	20	
Silver	<0.00022		0.250	0.239		mg/L		96	75 - 125	1	20	
Sodium	11		25.0	38.0		mg/L		107	75 - 125	1	20	
Thallium	<0.00047		1.00	1.04		mg/L		104	75 - 125	0	20	
Vanadium	0.00091	J	0.500	0.502		mg/L		100	75 - 125	0	20	
Zinc	0.0082		0.250	0.268		mg/L		104	75 - 125	2	20	

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-411873/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 412058

Prep Batch: 411873

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:21	09/14/22 15:16	1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: EPA 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 180-411873/2-A
Matrix: Water
Analysis Batch: 412058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 411873

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00268		mg/L		107	80 - 120

Lab Sample ID: 180-143951-B-1-A MS
Matrix: Water
Analysis Batch: 412058

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 411873

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00013		0.00100	0.00104		mg/L		104	75 - 125

Lab Sample ID: 180-143951-B-1-B MSD
Matrix: Water
Analysis Batch: 412058

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 411873

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.00106		mg/L		106	75 - 125	1	20

Lab Sample ID: MB 180-411874/1-A
Matrix: Water
Analysis Batch: 412058

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 411874

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 10:23	09/14/22 14:48	1

Lab Sample ID: LCS 180-411874/2-A
Matrix: Water
Analysis Batch: 412058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 411874

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00276		mg/L		111	80 - 120

Lab Sample ID: 180-143888-J-1-B MS
Matrix: Water
Analysis Batch: 412058

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 411874

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00013		0.00100	0.000992		mg/L		99	75 - 125

Lab Sample ID: 180-143888-J-1-C MSD
Matrix: Water
Analysis Batch: 412058

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 411874

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.00103		mg/L		103	75 - 125	4	20

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-410864/2
Matrix: Water
Analysis Batch: 410864

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/01/22 16:23	1

Lab Sample ID: LCS 180-410864/1
Matrix: Water
Analysis Batch: 410864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	214		mg/L		115	85 - 115

Lab Sample ID: 180-143622-C-7 DU
Matrix: Water
Analysis Batch: 410864

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2800		2870		mg/L		4	10

Lab Sample ID: MB 180-411297/2
Matrix: Water
Analysis Batch: 411297

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/07/22 14:53	1

Lab Sample ID: LCS 180-411297/1
Matrix: Water
Analysis Batch: 411297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	194		mg/L		104	85 - 115

Lab Sample ID: 180-143849-D-1 DU
Matrix: Water
Analysis Batch: 411297

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	690		734		mg/L		6	10

Lab Sample ID: MB 180-411559/2
Matrix: Water
Analysis Batch: 411559

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/09/22 12:33	1

Lab Sample ID: LCS 180-411559/1
Matrix: Water
Analysis Batch: 411559

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	200		mg/L		108	85 - 115

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: 180-143951-C-5 DU
Matrix: Water
Analysis Batch: 411559

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	1300		1320		mg/L		2	10

Lab Sample ID: 180-143972-AG-3 DU
Matrix: Water
Analysis Batch: 411559

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	240		247		mg/L		5	10

Lab Sample ID: MB 180-411561/2
Matrix: Water
Analysis Batch: 411561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10	10	mg/L			09/09/22 12:41	1

Lab Sample ID: LCS 180-411561/1
Matrix: Water
Analysis Batch: 411561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Dissolved Solids	186	208		mg/L		112	85 - 115

Lab Sample ID: 180-143914-B-1 DU
Matrix: Water
Analysis Batch: 411561

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	290		298		mg/L		2	10

Lab Sample ID: 180-143951-C-1 DU
Matrix: Water
Analysis Batch: 411561

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	270		281		mg/L		3	10

Lab Sample ID: MB 180-411564/2
Matrix: Water
Analysis Batch: 411564

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10	10	mg/L			09/09/22 12:50	1

Lab Sample ID: LCS 180-411564/1
Matrix: Water
Analysis Batch: 411564

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Dissolved Solids	186	202		mg/L		109	85 - 115

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: 180-143951-C-4 DU
Matrix: Water
Analysis Batch: 411564

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	1300		1320		mg/L		2	10

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-412004/54
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/13/22 21:10	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 21:10	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 21:10	1

Lab Sample ID: MB 180-412004/78
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/13/22 23:45	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 23:45	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 23:45	1

Lab Sample ID: LCS 180-412004/77
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	265	264		mg/L		100	90 - 110

Lab Sample ID: LLCS 180-412004/76
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS	LLCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.4		mg/L		90	75 - 125

Lab Sample ID: 180-143630-H-1 DU
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	220		212		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	220		212		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: MB 180-412271/32
Matrix: Water
Analysis Batch: 412271

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/15/22 16:42	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/15/22 16:42	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/15/22 16:42	1

Lab Sample ID: LCS 180-412271/31
Matrix: Water
Analysis Batch: 412271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	260	242		mg/L		93	90 - 110

Lab Sample ID: LLCS 180-412271/30
Matrix: Water
Analysis Batch: 412271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.6	14.6		mg/L		94	75 - 125

Lab Sample ID: 180-143801-B-2 DU
Matrix: Water
Analysis Batch: 412271

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	210		207		mg/L		1	20
Bicarbonate Alkalinity as CaCO3	210		204		mg/L		3	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 680-220434-M-3 DU
Matrix: Water
Analysis Batch: 412271

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	37		38.1		mg/L		4	20
Bicarbonate Alkalinity as CaCO3	37		38.1		mg/L		4	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 180-412415/62
Matrix: Water
Analysis Batch: 412415

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0	^	5.0	5.0	mg/L			09/16/22 19:09	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/16/22 19:09	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/16/22 19:09	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: MB 180-412415/86
Matrix: Water
Analysis Batch: 412415

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/16/22 21:51	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/16/22 21:51	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/16/22 21:51	1

Lab Sample ID: LCS 180-412415/85
Matrix: Water
Analysis Batch: 412415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	260	242		mg/L		93	90 - 110

Lab Sample ID: LLCS 180-412415/84
Matrix: Water
Analysis Batch: 412415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.6	14.6		mg/L		94	75 - 125

Lab Sample ID: 180-144181-A-4 DU
Matrix: Water
Analysis Batch: 412415

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	93		94.3		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	93		94.3		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 180-414404/29
Matrix: Water
Analysis Batch: 414404

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			10/06/22 14:01	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			10/06/22 14:01	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			10/06/22 14:01	1

Lab Sample ID: MB 180-414404/5
Matrix: Water
Analysis Batch: 414404

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			10/06/22 11:18	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			10/06/22 11:18	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			10/06/22 11:18	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: MB 180-414404/53
Matrix: Water
Analysis Batch: 414404

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			10/06/22 16:08	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			10/06/22 16:08	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			10/06/22 16:08	1

Lab Sample ID: LCS 180-414404/4
Matrix: Water
Analysis Batch: 414404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	260	240		mg/L		92	90 - 110

Lab Sample ID: LCS 180-414404/52
Matrix: Water
Analysis Batch: 414404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	260	245		mg/L		94	90 - 110

Lab Sample ID: LLCS 180-414404/3
Matrix: Water
Analysis Batch: 414404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.6	20.0	*+	mg/L		128	75 - 125

Lab Sample ID: LLCS 180-414404/51
Matrix: Water
Analysis Batch: 414404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.6	23.0	*+	mg/L		147	75 - 125

Lab Sample ID: 180-143741-D-1 DU
Matrix: Water
Analysis Batch: 414404

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	160	*+	163	*+	mg/L		0.3	20
Bicarbonate Alkalinity as CaCO3	160		163		mg/L		0.3	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: 180-143799-E-1 DU
Matrix: Water
Analysis Batch: 414404

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	260	*+	255	*+	mg/L		0.2	20
Bicarbonate Alkalinity as CaCO3	260		255		mg/L		0.2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 180-415157/27
Matrix: Water
Analysis Batch: 415157

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			10/14/22 14:30	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			10/14/22 14:30	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			10/14/22 14:30	1

Lab Sample ID: MB 180-415157/3
Matrix: Water
Analysis Batch: 415157

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			10/14/22 13:00	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			10/14/22 13:00	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			10/14/22 13:00	1

Lab Sample ID: LCS 180-415157/1
Matrix: Water
Analysis Batch: 415157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

Lab Sample ID: LCS 180-415157/25
Matrix: Water
Analysis Batch: 415157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

Lab Sample ID: LLCS 180-415157/2
Matrix: Water
Analysis Batch: 415157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LLCS 180-415157/26
Matrix: Water
Analysis Batch: 415157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.6	13.5		mg/L		87	75 - 125

Lab Sample ID: 240-173773-C-1 DU
Matrix: Water
Analysis Batch: 415157

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	410		410		mg/L		0	20
Bicarbonate Alkalinity as CaCO3	410		410		mg/L		0	20
Carbonate Alkalinity as CaCO3	<10		<10		mg/L		NC	20

Lab Sample ID: 680-220258-D-5 DU
Matrix: Water
Analysis Batch: 415157

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	35		35.4		mg/L		0	20
Bicarbonate Alkalinity as CaCO3	35		35.4		mg/L		0	20
Carbonate Alkalinity as CaCO3	<10		<10		mg/L		NC	20

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

HPLC/IC

Analysis Batch: 410826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220298-1	GWA-21	Total/NA	Water	EPA 300.0 R2.1	
680-220298-2	GWA-22	Total/NA	Water	EPA 300.0 R2.1	
MB 180-410826/36	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-410826/37	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-143788-A-2 MS	Matrix Spike	Total/NA	Water	EPA 300.0 R2.1	
180-143788-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 410939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220436-1	GWA-49	Total/NA	Water	EPA 300.0 R2.1	
MB 180-410939/36	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-410939/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-410939/37	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-410939/7	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-143741-D-1 MS	Matrix Spike	Total/NA	Water	EPA 300.0 R2.1	
180-143741-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 411020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-411020/39	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-411020/42	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-143933-B-4 MS	Matrix Spike	Total/NA	Water	EPA 300.0 R2.1	
180-143933-B-4 MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 411021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-1	GWC-29	Total/NA	Water	EPA 300.0 R2.1	
680-220490-2	GWA-45	Total/NA	Water	EPA 300.0 R2.1	
680-220490-3	GWA-46	Total/NA	Water	EPA 300.0 R2.1	
680-220490-4	GWA-47	Total/NA	Water	EPA 300.0 R2.1	
680-220490-5	GWA-48	Total/NA	Water	EPA 300.0 R2.1	
680-220490-6	GWC-50	Total/NA	Water	EPA 300.0 R2.1	
680-220490-7	GWC-51	Total/NA	Water	EPA 300.0 R2.1	
680-220490-8	GWC-52	Total/NA	Water	EPA 300.0 R2.1	
680-220490-9	GWC-53	Total/NA	Water	EPA 300.0 R2.1	
680-220490-10	FB-6	Total/NA	Water	EPA 300.0 R2.1	
680-220490-11	EB-6	Total/NA	Water	EPA 300.0 R2.1	
MB 180-411021/45	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-411021/46	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
680-220490-1 MS	GWC-29	Total/NA	Water	EPA 300.0 R2.1	
680-220490-1 MSD	GWC-29	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 411242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-12	DUP-6	Total/NA	Water	EPA 300.0 R2.1	
MB 180-411242/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-411242/7	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
680-220490-12 MS	DUP-6	Total/NA	Water	EPA 300.0 R2.1	
680-220490-12 MSD	DUP-6	Total/NA	Water	EPA 300.0 R2.1	

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Metals

Prep Batch: 411873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220298-1	GWA-21	Total/NA	Water	7470A	
680-220298-2	GWA-22	Total/NA	Water	7470A	
MB 180-411873/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-411873/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-143951-B-1-A MS	Matrix Spike	Total/NA	Water	7470A	
180-143951-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 411874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220436-1	GWA-49	Total/NA	Water	7470A	
680-220490-1	GWC-29	Total/NA	Water	7470A	
680-220490-2	GWA-45	Total/NA	Water	7470A	
680-220490-3	GWA-46	Total/NA	Water	7470A	
680-220490-4	GWA-47	Total/NA	Water	7470A	
680-220490-5	GWA-48	Total/NA	Water	7470A	
680-220490-6	GWC-50	Total/NA	Water	7470A	
680-220490-7	GWC-51	Total/NA	Water	7470A	
680-220490-8	GWC-52	Total/NA	Water	7470A	
680-220490-9	GWC-53	Total/NA	Water	7470A	
680-220490-10	FB-6	Total/NA	Water	7470A	
680-220490-11	EB-6	Total/NA	Water	7470A	
680-220490-12	DUP-6	Total/NA	Water	7470A	
MB 180-411874/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-411874/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-143888-J-1-B MS	Matrix Spike	Total/NA	Water	7470A	
180-143888-J-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 412058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220298-1	GWA-21	Total/NA	Water	EPA 7470A	411873
680-220298-2	GWA-22	Total/NA	Water	EPA 7470A	411873
680-220436-1	GWA-49	Total/NA	Water	EPA 7470A	411874
680-220490-1	GWC-29	Total/NA	Water	EPA 7470A	411874
680-220490-2	GWA-45	Total/NA	Water	EPA 7470A	411874
680-220490-3	GWA-46	Total/NA	Water	EPA 7470A	411874
680-220490-4	GWA-47	Total/NA	Water	EPA 7470A	411874
680-220490-5	GWA-48	Total/NA	Water	EPA 7470A	411874
680-220490-6	GWC-50	Total/NA	Water	EPA 7470A	411874
680-220490-7	GWC-51	Total/NA	Water	EPA 7470A	411874
680-220490-8	GWC-52	Total/NA	Water	EPA 7470A	411874
680-220490-9	GWC-53	Total/NA	Water	EPA 7470A	411874
680-220490-10	FB-6	Total/NA	Water	EPA 7470A	411874
680-220490-11	EB-6	Total/NA	Water	EPA 7470A	411874
680-220490-12	DUP-6	Total/NA	Water	EPA 7470A	411874
MB 180-411873/1-A	Method Blank	Total/NA	Water	EPA 7470A	411873
MB 180-411874/1-A	Method Blank	Total/NA	Water	EPA 7470A	411874
LCS 180-411873/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	411873
LCS 180-411874/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	411874
180-143888-J-1-B MS	Matrix Spike	Total/NA	Water	EPA 7470A	411874
180-143888-J-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	411874
180-143951-B-1-A MS	Matrix Spike	Total/NA	Water	EPA 7470A	411873

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QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Metals (Continued)

Analysis Batch: 412058 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-143951-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	411873

Prep Batch: 412210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220298-1	GWA-21	Total Recoverable	Water	3005A	
680-220298-2	GWA-22	Total Recoverable	Water	3005A	
680-220436-1	GWA-49	Total Recoverable	Water	3005A	
680-220490-1	GWC-29	Total Recoverable	Water	3005A	
680-220490-2	GWA-45	Total Recoverable	Water	3005A	
680-220490-3	GWA-46	Total Recoverable	Water	3005A	
680-220490-4	GWA-47	Total Recoverable	Water	3005A	
680-220490-5	GWA-48	Total Recoverable	Water	3005A	
680-220490-6	GWC-50	Total Recoverable	Water	3005A	
680-220490-7	GWC-51	Total Recoverable	Water	3005A	
680-220490-8	GWC-52	Total Recoverable	Water	3005A	
680-220490-9	GWC-53	Total Recoverable	Water	3005A	
680-220490-10	FB-6	Total Recoverable	Water	3005A	
680-220490-12	DUP-6	Total Recoverable	Water	3005A	
MB 180-412210/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-412210/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-143889-F-3-C MS	Matrix Spike	Total Recoverable	Water	3005A	
180-143889-F-3-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 412403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-11	EB-6	Total Recoverable	Water	3005A	
MB 180-412403/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-412403/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-143717-E-2-B MS	Matrix Spike	Dissolved	Water	3005A	
180-143717-E-2-C MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	

Analysis Batch: 413382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-11	EB-6	Total Recoverable	Water	EPA 6020B	412403
MB 180-412403/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412403
LCS 180-412403/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412403
180-143717-E-2-B MS	Matrix Spike	Dissolved	Water	EPA 6020B	412403
180-143717-E-2-C MSD	Matrix Spike Duplicate	Dissolved	Water	EPA 6020B	412403

Analysis Batch: 413574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220298-1	GWA-21	Total Recoverable	Water	EPA 6020B	412210
680-220298-2	GWA-22	Total Recoverable	Water	EPA 6020B	412210
680-220436-1	GWA-49	Total Recoverable	Water	EPA 6020B	412210
680-220490-1	GWC-29	Total Recoverable	Water	EPA 6020B	412210
680-220490-2	GWA-45	Total Recoverable	Water	EPA 6020B	412210
680-220490-3	GWA-46	Total Recoverable	Water	EPA 6020B	412210
680-220490-4	GWA-47	Total Recoverable	Water	EPA 6020B	412210
680-220490-5	GWA-48	Total Recoverable	Water	EPA 6020B	412210
680-220490-6	GWC-50	Total Recoverable	Water	EPA 6020B	412210
680-220490-7	GWC-51	Total Recoverable	Water	EPA 6020B	412210

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QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Metals (Continued)

Analysis Batch: 413574 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-8	GWC-52	Total Recoverable	Water	EPA 6020B	412210
680-220490-9	GWC-53	Total Recoverable	Water	EPA 6020B	412210
680-220490-10	FB-6	Total Recoverable	Water	EPA 6020B	412210
680-220490-12	DUP-6	Total Recoverable	Water	EPA 6020B	412210
MB 180-412210/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412210
LCS 180-412210/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412210
180-143889-F-3-C MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	412210
180-143889-F-3-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	412210

Analysis Batch: 413813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220298-1	GWA-21	Total Recoverable	Water	EPA 6020B	412210
680-220298-2	GWA-22	Total Recoverable	Water	EPA 6020B	412210
680-220436-1	GWA-49	Total Recoverable	Water	EPA 6020B	412210
680-220490-1	GWC-29	Total Recoverable	Water	EPA 6020B	412210
680-220490-2	GWA-45	Total Recoverable	Water	EPA 6020B	412210
680-220490-3	GWA-46	Total Recoverable	Water	EPA 6020B	412210
680-220490-4	GWA-47	Total Recoverable	Water	EPA 6020B	412210
680-220490-5	GWA-48	Total Recoverable	Water	EPA 6020B	412210
680-220490-6	GWC-50	Total Recoverable	Water	EPA 6020B	412210
680-220490-7	GWC-51	Total Recoverable	Water	EPA 6020B	412210
680-220490-8	GWC-52	Total Recoverable	Water	EPA 6020B	412210
680-220490-9	GWC-53	Total Recoverable	Water	EPA 6020B	412210
680-220490-10	FB-6	Total Recoverable	Water	EPA 6020B	412210
680-220490-12	DUP-6	Total Recoverable	Water	EPA 6020B	412210
MB 180-412210/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412210
LCS 180-412210/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412210
180-143889-F-3-C MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	412210
180-143889-F-3-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	412210

Prep Batch: 414327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220298-1	GWA-21	Total Recoverable	Water	3005A	
680-220298-2	GWA-22	Total Recoverable	Water	3005A	
680-220436-1	GWA-49	Total Recoverable	Water	3005A	
680-220490-1	GWC-29	Total Recoverable	Water	3005A	
680-220490-2	GWA-45	Total Recoverable	Water	3005A	
680-220490-3	GWA-46	Total Recoverable	Water	3005A	
680-220490-4	GWA-47	Total Recoverable	Water	3005A	
680-220490-5	GWA-48	Total Recoverable	Water	3005A	
680-220490-6	GWC-50	Total Recoverable	Water	3005A	
680-220490-7	GWC-51	Total Recoverable	Water	3005A	
680-220490-8	GWC-52	Total Recoverable	Water	3005A	
680-220490-9	GWC-53	Total Recoverable	Water	3005A	
680-220490-10	FB-6	Total Recoverable	Water	3005A	
680-220490-12	DUP-6	Total Recoverable	Water	3005A	
MB 180-414327/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-414327/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-220490-2 MS	GWA-45	Total Recoverable	Water	3005A	
680-220490-2 MSD	GWA-45	Total Recoverable	Water	3005A	

QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Metals

Analysis Batch: 414650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220298-1	GWA-21	Total Recoverable	Water	EPA 6020B	414327
680-220298-2	GWA-22	Total Recoverable	Water	EPA 6020B	414327
680-220436-1	GWA-49	Total Recoverable	Water	EPA 6020B	414327
680-220490-1	GWC-29	Total Recoverable	Water	EPA 6020B	414327
680-220490-2	GWA-45	Total Recoverable	Water	EPA 6020B	414327
680-220490-3	GWA-46	Total Recoverable	Water	EPA 6020B	414327
680-220490-4	GWA-47	Total Recoverable	Water	EPA 6020B	414327
680-220490-5	GWA-48	Total Recoverable	Water	EPA 6020B	414327
680-220490-6	GWC-50	Total Recoverable	Water	EPA 6020B	414327
680-220490-7	GWC-51	Total Recoverable	Water	EPA 6020B	414327
680-220490-8	GWC-52	Total Recoverable	Water	EPA 6020B	414327
680-220490-9	GWC-53	Total Recoverable	Water	EPA 6020B	414327
680-220490-10	FB-6	Total Recoverable	Water	EPA 6020B	414327
680-220490-12	DUP-6	Total Recoverable	Water	EPA 6020B	414327
MB 180-414327/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	414327
LCS 180-414327/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	414327
680-220490-2 MS	GWA-45	Total Recoverable	Water	EPA 6020B	414327
680-220490-2 MSD	GWA-45	Total Recoverable	Water	EPA 6020B	414327

General Chemistry

Analysis Batch: 410864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220298-1	GWA-21	Total/NA	Water	SM 2540C	
680-220298-2	GWA-22	Total/NA	Water	SM 2540C	
MB 180-410864/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-410864/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143622-C-7 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 411297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220436-1	GWA-49	Total/NA	Water	SM 2540C	
MB 180-411297/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-411297/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143849-D-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 411559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-1	GWC-29	Total/NA	Water	SM 2540C	
680-220490-2	GWA-45	Total/NA	Water	SM 2540C	
680-220490-4	GWA-47	Total/NA	Water	SM 2540C	
680-220490-5	GWA-48	Total/NA	Water	SM 2540C	
680-220490-6	GWC-50	Total/NA	Water	SM 2540C	
680-220490-7	GWC-51	Total/NA	Water	SM 2540C	
680-220490-8	GWC-52	Total/NA	Water	SM 2540C	
680-220490-9	GWC-53	Total/NA	Water	SM 2540C	
680-220490-11	EB-6	Total/NA	Water	SM 2540C	
MB 180-411559/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-411559/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143951-C-5 DU	Duplicate	Total/NA	Water	SM 2540C	
180-143972-AG-3 DU	Duplicate	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

General Chemistry

Analysis Batch: 411561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-3	GWA-46	Total/NA	Water	SM 2540C	
680-220490-10	FB-6	Total/NA	Water	SM 2540C	
MB 180-411561/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-411561/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143914-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	
180-143951-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 411564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-12	DUP-6	Total/NA	Water	SM 2540C	
MB 180-411564/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-411564/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143951-C-4 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 412004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220298-1	GWA-21	Total/NA	Water	SM2320 B	
680-220298-2	GWA-22	Total/NA	Water	SM2320 B	
MB 180-412004/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-412004/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-412004/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-412004/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-143630-H-1 DU	Duplicate	Total/NA	Water	SM2320 B	

Analysis Batch: 412271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220436-1	GWA-49	Total/NA	Water	SM2320 B	
680-220490-12	DUP-6	Total/NA	Water	SM2320 B	
MB 180-412271/32	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-412271/31	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-412271/30	Lab Control Sample	Total/NA	Water	SM2320 B	
180-143801-B-2 DU	Duplicate	Total/NA	Water	SM2320 B	
680-220434-M-3 DU	Duplicate	Total/NA	Water	SM2320 B	

Analysis Batch: 412415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-4	GWA-47	Total/NA	Water	SM2320 B	
680-220490-10	FB-6	Total/NA	Water	SM2320 B	
MB 180-412415/62	Method Blank	Total/NA	Water	SM2320 B	
MB 180-412415/86	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-412415/85	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-412415/84	Lab Control Sample	Total/NA	Water	SM2320 B	
180-144181-A-4 DU	Duplicate	Total/NA	Water	SM2320 B	

Analysis Batch: 414404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-1	GWC-29	Total/NA	Water	SM2320 B	
680-220490-2	GWA-45	Total/NA	Water	SM2320 B	
680-220490-3	GWA-46	Total/NA	Water	SM2320 B	
680-220490-5	GWA-48	Total/NA	Water	SM2320 B	
680-220490-6	GWC-50	Total/NA	Water	SM2320 B	

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QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

General Chemistry (Continued)

Analysis Batch: 414404 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-7	GWC-51	Total/NA	Water	SM2320 B	
680-220490-8	GWC-52	Total/NA	Water	SM2320 B	
MB 180-414404/29	Method Blank	Total/NA	Water	SM2320 B	
MB 180-414404/5	Method Blank	Total/NA	Water	SM2320 B	
MB 180-414404/53	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-414404/4	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-414404/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-414404/3	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-414404/51	Lab Control Sample	Total/NA	Water	SM2320 B	
180-143741-D-1 DU	Duplicate	Total/NA	Water	SM2320 B	
180-143799-E-1 DU	Duplicate	Total/NA	Water	SM2320 B	

Analysis Batch: 415157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-9	GWC-53	Total/NA	Water	SM2320 B	
680-220490-11	EB-6	Total/NA	Water	SM2320 B	
MB 180-415157/27	Method Blank	Total/NA	Water	SM2320 B	
MB 180-415157/3	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-415157/1	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-415157/25	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-415157/2	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-415157/26	Lab Control Sample	Total/NA	Water	SM2320 B	
240-173773-C-1 DU	Duplicate	Total/NA	Water	SM2320 B	
680-220258-D-5 DU	Duplicate	Total/NA	Water	SM2320 B	

Field Service / Mobile Lab

Analysis Batch: 410672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220298-1	GWA-21	Total/NA	Water	Field Sampling	
680-220298-2	GWA-22	Total/NA	Water	Field Sampling	

Analysis Batch: 411007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220436-1	GWA-49	Total/NA	Water	Field Sampling	

Analysis Batch: 411451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-1	GWC-29	Total/NA	Water	Field Sampling	
680-220490-2	GWA-45	Total/NA	Water	Field Sampling	
680-220490-3	GWA-46	Total/NA	Water	Field Sampling	
680-220490-4	GWA-47	Total/NA	Water	Field Sampling	
680-220490-5	GWA-48	Total/NA	Water	Field Sampling	
680-220490-6	GWC-50	Total/NA	Water	Field Sampling	
680-220490-7	GWC-51	Total/NA	Water	Field Sampling	
680-220490-8	GWC-52	Total/NA	Water	Field Sampling	
680-220490-9	GWC-53	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWA-21

Lab Sample ID: 680-220298-1

Date Collected: 08/26/22 10:20

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410826	09/02/22 00:06	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413813	09/30/22 18:23	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 13:59	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413574	09/28/22 19:20	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	411873	09/13/22 10:21	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 15:32	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			412004	09/14/22 01:30	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			410672	08/26/22 10:20	AW	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-22

Lab Sample ID: 680-220298-2

Date Collected: 08/26/22 10:40

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410826	09/02/22 00:47	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413813	09/30/22 18:27	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 14:03	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413574	09/28/22 19:23	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	411873	09/13/22 10:21	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 15:33	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			412004	09/14/22 01:56	ELS	EET PIT
Instrument ID: PCTITRATOR										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWA-22

Lab Sample ID: 680-220298-2

Date Collected: 08/26/22 10:40

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1			410672	08/26/22 10:40	AW	EET PIT

Client Sample ID: GWA-49

Lab Sample ID: 680-220436-1

Date Collected: 08/30/22 15:44

Matrix: Water

Date Received: 09/01/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			410939	09/02/22 23:38	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			413813	09/30/22 18:30	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			414650	10/09/22 14:06	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			413574	09/28/22 19:26	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			412058	09/14/22 14:56	SNR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	411297	09/07/22 14:53	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			412271	09/15/22 17:50	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			411007	08/30/22 15:44	FDS	EET PIT

Client Sample ID: GWC-29

Lab Sample ID: 680-220490-1

Date Collected: 08/31/22 10:33

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1 mL	411021	09/04/22 04:44	M1D	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			413813	09/30/22 18:41	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			414650	10/09/22 14:09	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			413574	09/28/22 19:34	RSK	EET PIT

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWC-29

Lab Sample ID: 680-220490-1

Date Collected: 08/31/22 10:33

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 14:57	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411559	09/09/22 12:33	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			414404	10/06/22 11:55	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			411451	08/31/22 10:33	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-45

Lab Sample ID: 680-220490-2

Date Collected: 08/31/22 11:01

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	411021	09/04/22 03:30	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413813	09/30/22 18:45	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 14:13	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413574	09/28/22 19:37	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 15:01	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411559	09/09/22 12:33	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			414404	10/06/22 12:00	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			411451	08/31/22 11:01	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-46

Lab Sample ID: 680-220490-3

Date Collected: 08/31/22 09:57

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	411021	09/04/22 03:49	M1D	EET PIT
Instrument ID: INTEGRION										

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWA-46

Lab Sample ID: 680-220490-3

Date Collected: 08/31/22 09:57

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413813	09/30/22 18:49	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 14:46	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413574	09/28/22 19:40	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 15:02	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411561	09/09/22 12:41	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			414404	10/06/22 16:28	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			411451	08/31/22 09:57	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-47

Lab Sample ID: 680-220490-4

Date Collected: 08/31/22 10:38

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	411021	09/04/22 04:07	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413813	09/30/22 18:52	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 14:49	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413574	09/28/22 19:43	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 15:03	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411559	09/09/22 12:33	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			412415	09/16/22 22:30	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			411451	08/31/22 10:38	FDS	EET PIT
Instrument ID: NOEQUIP										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWA-48

Lab Sample ID: 680-220490-5

Date Collected: 08/31/22 09:35

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	411021	09/04/22 04:26	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413813	09/30/22 18:56	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 14:53	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413574	09/28/22 19:46	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 15:04	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411559	09/09/22 12:33	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			414404	10/06/22 16:33	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			411451	08/31/22 09:35	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-50

Lab Sample ID: 680-220490-6

Date Collected: 08/31/22 14:04

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	411021	09/04/22 06:17	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413813	09/30/22 19:00	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 14:56	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413574	09/28/22 19:48	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 15:05	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411559	09/09/22 12:33	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			414404	10/06/22 16:39	ELS	EET PIT
Instrument ID: PCTITRATOR										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWC-50

Lab Sample ID: 680-220490-6

Date Collected: 08/31/22 14:04

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1			411451	08/31/22 14:04	FDS	EET PIT

Client Sample ID: GWC-51

Lab Sample ID: 680-220490-7

Date Collected: 08/31/22 11:25

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1 mL	411021	09/04/22 06:35	M1D	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			413813	09/30/22 19:03	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			414650	10/09/22 14:59	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			413574	09/28/22 19:51	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			412058	09/14/22 15:06	SNR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	411559	09/09/22 12:33	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			414404	10/06/22 12:52	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			411451	08/31/22 11:25	FDS	EET PIT

Client Sample ID: GWC-52

Lab Sample ID: 680-220490-8

Date Collected: 08/31/22 12:35

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1 mL	411021	09/04/22 06:54	M1D	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			413813	09/30/22 19:07	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			414650	10/09/22 15:09	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			413574	09/28/22 19:54	RSK	EET PIT

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: GWC-52

Lab Sample ID: 680-220490-8

Date Collected: 08/31/22 12:35

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 15:07	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411559	09/09/22 12:33	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			414404	10/06/22 12:57	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			411451	08/31/22 12:35	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-53

Lab Sample ID: 680-220490-9

Date Collected: 08/31/22 14:15

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	411021	09/04/22 07:12	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413813	09/30/22 19:11	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 15:13	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413574	09/28/22 19:57	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 15:08	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411559	09/09/22 12:33	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1	50 mL	50 mL	415157	10/14/22 13:26	ELS	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			411451	08/31/22 14:15	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: FB-6

Lab Sample ID: 680-220490-10

Date Collected: 08/31/22 11:21

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	411021	09/04/22 07:30	M1D	EET PIT
Instrument ID: INTEGRION										

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: FB-6

Lab Sample ID: 680-220490-10

Date Collected: 08/31/22 11:21

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413813	09/30/22 19:21	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 15:16	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413574	09/28/22 20:05	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 15:09	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411561	09/09/22 12:41	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			412415	09/16/22 22:36	ELS	EET PIT
Instrument ID: PCTITRATOR										

Client Sample ID: EB-6

Lab Sample ID: 680-220490-11

Date Collected: 08/31/22 14:50

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	411021	09/04/22 07:49	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	412403	09/17/22 11:04	KWP	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413382	09/24/22 16:28	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 15:10	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411559	09/09/22 12:33	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1	50 mL	50 mL	415157	10/14/22 15:18	ELS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: DUP-6

Lab Sample ID: 680-220490-12

Date Collected: 08/31/22 00:00

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			411242	09/07/22 11:43	SNL	EET PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413813	09/30/22 17:50	RSK	EET PIT
Instrument ID: A										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Client Sample ID: DUP-6

Lab Sample ID: 680-220490-12

Date Collected: 08/31/22 00:00

Matrix: Water

Date Received: 09/02/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 13:56	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413574	09/28/22 19:03	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	411874	09/13/22 10:23	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			412058	09/14/22 15:15	SNR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411564	09/09/22 12:50	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			412271	09/15/22 18:33	ELS	EET PIT
Instrument ID: PCTITRATOR										

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22 *
California	State	2891	04-30-23
Connecticut	State	PH-0688	09-30-22 *
Florida	NELAP	E871008	06-30-23
Georgia	State	PA 02-00416	04-30-23
Illinois	NELAP	004375	06-30-23
Kansas	NELAP	E-10350	03-31-23
Kentucky (UST)	State	162013	04-30-23
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22 *
Louisiana (All)	NELAP	04041	06-30-23
Maine	State	PA00164	03-06-24
Minnesota	NELAP	042-999-482	12-31-22
New Hampshire	NELAP	2030	04-04-23
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-01-23
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	04-30-23
Oregon	NELAP	PA-2151	02-07-23
Pennsylvania	NELAP	02-00416	04-30-23
Rhode Island	State	LAO00362	12-31-22
South Carolina	State	89014	04-20-23
Texas	NELAP	T104704528	03-31-23
USDA	US Federal Programs	P330-16-00211	06-21-24
Utah	NELAP	PA001462019-8	05-31-23
Virginia	NELAP	10043	09-14-23
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash

Job ID: 680-220298-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	EET PIT
EPA 6020B	Metals (ICP/MS)	SW846	EET PIT
EPA 7470A	Mercury (CVAA)	SW846	EET PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PIT
SM2320 B	Alkalinity, Total	SM18	EET PIT
Field Sampling	Field Sampling	EPA	EET PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET PIT
7470A	Preparation, Mercury	SW846	EET PIT

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



680-220298 Waybill

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- 12

Env TestA ST 017 7g

12.00 B 7468 0827

454 MTW EXP 01/23

ORIGIN ID:LIYA (678) 966-9991
 GEORGE TAYLOR
 EUROFINS TESTING AMERICA ATL SC
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 UNITED STATES US

SHIP DATE:
 ACTWGT: 23.6
 CAD: 859116/C 3616

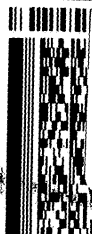
BILL RECIPIENT

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 983-7058

REF:

DEPT:



Uncorrected temp 2.4 °C
 Thermometer ID 19

CF 0 Initials M

PT-WI-SR-001 effective 11/8/18

FedEx Express



J222U2203283111

5 of 5
 MPS# 5220 7120 7160
 Mstr# 5220 1400
 120 124
XO AGO
SATURDAY 12:00P
PRIORITY OVERNIGHT
 PA- 38
 -US PIT



680-220298 Waybill

Env TestA
ST 7 017 7g
12:00 B
7468
08.27

434 MTW EXP 01/23

ORIGIN ID:LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE:
ACTWGT: 23.6
CAD: 859116/03616

BILL RECIPIENT

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7058

REF:

DEPT:



Uncorrected temp 2.4 °C
Thermometer ID 19

CF 0 Initials rn

PT-WI-SR-001 effective 11/8/18

FedEx
Express



AN 1082802202227

5 of 5
MPS# 5220 7120 7160
0263
Mstr# 5220 1400
120 124

SATURDAY 12:00P
PRIORITY OVERNIGHT

XU AGO

PA- 38
-US PIT

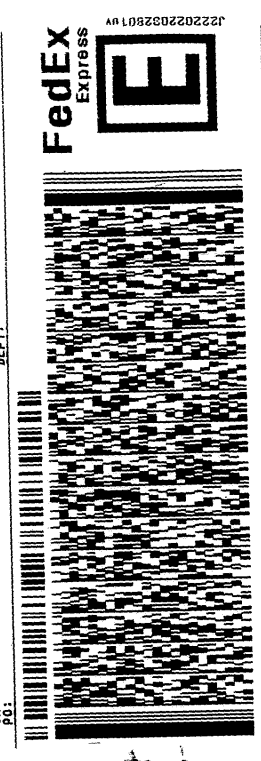
ORIGIN ID: LIYA (678) 966-9991
 GEORGE TAYLOR
 EUROFINS TESTING AMERICA ATL SC
 5215 REGENCY PARKWAY NW
 SUITE 800
 NORCROSS, GA 30071
 UNITED STATES US

SHIP DATE: 26AUG22
 ACTWGT: 23.65 LB
 CAD: 859116/CAF3616

BILL RECIPIENT

TO
 SAMPLE RECIEVING
 EUROFINS TESTAMERICA PITTSBURGH
 301 ALPHA DR.
 RIDC PARK
 PITTSBURGH PA 15238

(412) 963-7068 REF:
 INV: DEPT:
 PO:



2 of 5
 MPS# 5220 7120 7435
 Mstr# 5220 7120 7424 0201

SATURDAY 12:00P
 PRIORITY OVERNIGHT

15238
 -US PIT

Uncorrected temp 0.5 °C
 Thermometer ID 20

CF 0.1 Initials *JK*

PT-WI-SR-001 effective 11/8/18

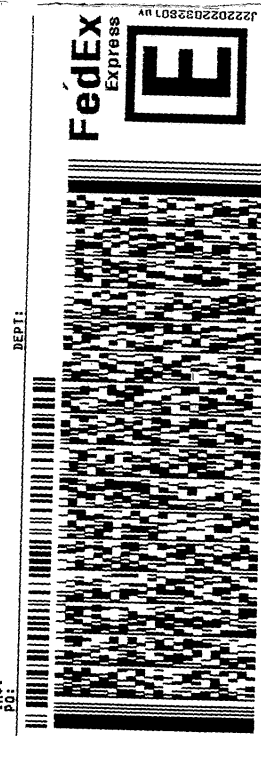
ORIGIN ID: LIYA (678) 966-9991
 GEORGE TAYLOR
 EUROFINS TESTING AMERICA ATL SC
 5215 REGENCY PARKWAY NW
 SUITE 800
 NORCROSS, GA 30071
 UNITED STATES US

SHIP DATE: 26AUG22
 ACTWGT: 23.65 LB
 CAD: 859116/CAF3616

BILL RECIPIENT

TO
 SAMPLE RECIEVING
 EUROFINS TESTAMERICA PITTSBURGH
 301 ALPHA DR.
 RIDC PARK
 PITTSBURGH PA 15238

(412) 963-7068 REF:
 INV: DEPT:
 PO:



4 of 5
 MPS# 5220 7120 7457
 Mstr# 5220 7120 7424 0201

SATURDAY 12:00P
 PRIORITY OVERNIGHT

15238
 PA-US PIT

Uncorrected temp 2.7 °C
 Thermometer ID 19

CF 0 Initials *JK*

PT-WI-SR-001 effective 11/8/18

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7
12:00 B
7424
08:27



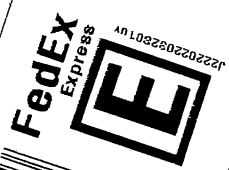
Environment Testing
TestAmerica

Part # 159469-434 MTW EXP 01/23

ORIGIN ID: LIYA
GEORGE TAYLOR
EUROFINS TESTING AMERICA
SUITE REGENCY PARKWAY NW
NORCROSS, GA 30071
UNITED STATES US
(678) 966-9991
SHIP DATE: 26AUG22
ACTING: 23 65 LB
CAD: 859116/CAF E3616
BILL RECIPIENT

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238
REF: (412) 963-7068

5772/398/4320



3 of 5
MPS# 5220 7120 7424
Mstr# 5220 7120 7424
0201

Uncorrected temp
Thermometer ID

CF 0.1 Initials *RU*

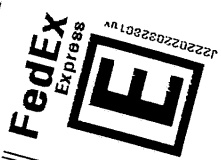
PT-WI-SR-001 effective 11/8/18

SATURDAY 12:00P
PRIORITY OVERNIGHT

15238
PIT

ORIGIN ID: LIYA
GEORGE TAYLOR
EUROFINS TESTING AMERICA
SUITE REGENCY PARKWAY NW
NORCROSS, GA 30071
UNITED STATES US
(678) 966-9991
SHIP DATE: 26AUG22
ACTING: 23 65 LB
CAD: 859116/CAF E3616
BILL RECIPIENT

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238
REF: (412) 963-7068



3 of 5
MPS# 5220 7120 7446
Mstr# 5220 7120 7424
0201

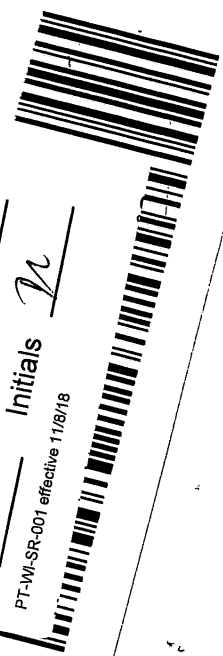
Uncorrected temp
Thermometer ID

CF 0 Initials *RU*

PT-WI-SR-001 effective 11/8/18

SATURDAY 12:00P
PRIORITY OVERNIGHT

15238
PA-US PIT





1
10:30

Environment Testing
America

FZ

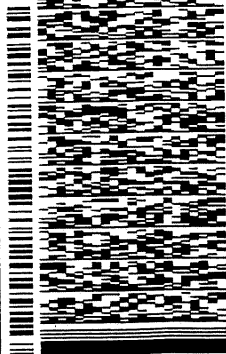
ORIGIN ID: LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 31AUG22
ACTWGT: 45.25 LB
CAD: 8591116/CAFE3616

BILL THIRD PARTY

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7066 REF: DEPT:

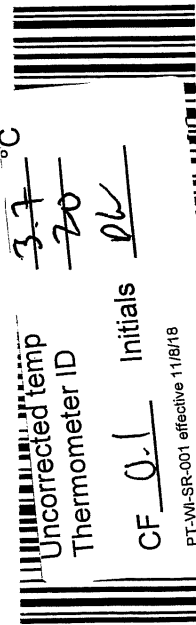


THU - 01 SEP 10:30A
PRIORITY OVERNIGHT

1 of 2
TRK# 5220 7120 8085
MASTER

NA AGCA

15238
PA-US
PIT



Uncorrected temp
Thermometer ID

37 °C

20

DK

CF 0.1 Initials

PT-MI-SR-001 effective 11/8/18

Do not lift using this tag.

Part # 159469-434 MTW EXP 01/23



Environment Testing
TestAmerica

ORIGIN ID: LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 31AUG22
ACTWGT: 45.25 LB
CAD: 8591116/CAFE3616

BILL THIRD PARTY

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7066 REF: DEPT:



THU - 01 SEP 10:30A
PRIORITY OVERNIGHT

2 of 2
MPS# 5220 7120 8096
Mstr# 5220 7120 8085

NA AGCA

Uncorrected temp
Thermometer ID

15238

PA-US
PIT

CF 0.1 Initials

PT-WI-SR-001 effective 11/8/18



880-220436 Waybill

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- 12

TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody Record

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact Joju Abraham Southern Company 241 Ralph McGill Blvd SE B10185 Atlanta, GA 30308 JAbraham@southernco.com Project Name: CCR - Plant Scherer Pac - Ash Site: Georgia PO# GL166235022 02		Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other:		Project Manager: Dawn Prell Tel/Fax: 248-536-5445 Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below 3-5 days <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: Dawn Prell Lab Contact: David Fuller		Date: 08/26/22 Carrier:		COC No. _____ of _____ COCs Sampler MM/CT _____ For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____ Job / SDG No. _____											
Sample Identification GWA-21 GWA-22		Sample Date 8/26/2022 8/26/2022		Sample Type (C-Comp, G-Grab) G G		Matrix WG WG		Filtered Sample (Y/N) N N		Perform MS/MSD (Y/N) N N		Cations: Na, Ni, Tl, Vn, Zn X X X X X X X X		Anions: Cl, F, SO4, TDS X X X X X X X X		Alkalinity (Total CO3, HCO3) X X X X X X X X		pH= 5.73 pH= 5.86		Sample Specific Notes 244-ATTENTIVA 680-220298 Chain of Custody	
Preservation Used: Ice, 2; HCl, 3; H2SO4, 4; HNO3, 5; NaOH, 6; Other:												Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months <input type="checkbox"/>									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown												Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Special Instructions/QC Requirements & Comments:												Therm ID No. _____ Cooler Temp. (°C) Obs'd. _____ Received by: <i>David Scherer</i> Date/Time: 8-26-22 14:20 Received by: <i>David Scherer</i> Date/Time: 8-26-22 14:20 Received in Laboratory by: <i>David Scherer</i> Date/Time: 8-26-22 14:20									



Client Contact
 Joju Abraham
 Southern Company
 241 Ralph McGill Blvd SE B10185
 Atlanta, GA 30308
 JAbraham@southernco.com
Project Name: CCR - Plant Scherer PAC Ash
 Site Georgia
 PO# GL166235022 02


Project Manager: Dawn Prell
 Tel/Fax: 248-536-5445

Site Contact: Dawn Prell
Lab Contact: David Fuller

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from below ___ 3-5 days ___
 2 weeks
 1 week
 2 days
 1 day

Date: 08/30/22
Carrier: *Carroll* of 1 COCs

Sampler: MM / CT
For Lab Use Only:
 Walk-in Client: _____
 Lab Sampling: _____
 Job / SDG No: _____

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes					
						Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	6020, 7470A: As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Tl, Vn, Zn	Cations: Na, Mg, K	Cl, F, SO4, TDS	Alkalinity (total, CO3, HCO3)
GWA-49	8/30/2022	15:44	G	WG	4	N	N	X	X	X	ph= 7.08
 680-220436 Chain of Custody											

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification: Please List any EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Non-Hazard Flammable Skin Irritant Poison B Unknown

Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seal No _____ **Cooler Temp (°C)** Obs'd _____ **Therm ID No** _____

Relinquished by *Dawn Prell* Date/Time *08/31/22* Company *WSP-60677*

Relinquished by *Mike Gammie* Date/Time *8/31/22* Company *Carroll*

Relinquished by *Mike Gammie* Date/Time *8/31/22* Company *Carroll*



Chain of Custody Record

TestAmerica Pittsburgh
 301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412 963 7058 fax 412 963 2468

TestAmerica Laboratories, Inc.
 COC No. 1 of 1 COCs

Regulatory Program: DW NPDES RCRA Other: _____
 Project Manager: Dawn Prell
 Lab Contact: Dawn Prell
 Tel/Fax: 248-536-5445

Date: 09/01/22
 Carrier: _____

Client Contact: Joyu Abraham
 Southern Company
 241 Ralph McGill Blvd SE B10185
 Atlanta, GA 30308
 JAbraham@southern.com
 Project Name: CCR - Plant Scherer PAC Ash
 Site Georgia
 PO# GL166235022 02

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below ___ 3-5 days ___
 2 weeks
 1 week
 2 days
 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Chain of Custody														
						Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	6020, 7470A: As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Tl, Vn, Zn	Cations: Na, Mg, K	Alkalinity (total, CO ₃ , HCO ₃)	Lab Contact: David Fuller	Site Contact: Dawn Prell	Carrier	COG No.	Sampler: MM/DF/JW	For Lab Use Only:	Sample Specific Notes			
GWC-29	8/31/2022	10 33	G	WG	4	N	N	X	X	X	X	X	X	X	X	X	X	X	X	pH= 6.21
GWA-45	8/31/2022	11 01	G	WG	4	N	N	X	X	X	X	X	X	X	X	X	X	X	X	pH= 6.03
GWA-46	8/31/2022	09 57	G	WG	4	N	N	X	X	X	X	X	X	X	X	X	X	X	X	pH= 5.80
GWA-47	8/31/2022	10 38	G	WG	4	N	N	X	X	X	X	X	X	X	X	X	X	X	X	pH= 6.53
GWA-48	8/31/2022	9 35	G	WG	4	N	N	X	X	X	X	X	X	X	X	X	X	X	X	pH= 6.91
GWC-50	8/31/2022	14 04	G	WG	4	N	N	X	X	X	X	X	X	X	X	X	X	X	X	pH= 5.85
GWC-51	8/31/2022	11 25	G	WG	4	N	N	X	X	X	X	X	X	X	X	X	X	X	X	pH= 5.91
GWC-52	8/31/2022	12 35	G	WG	4	N	N	X	X	X	X	X	X	X	X	X	X	X	X	pH= 6.74
GWC-53	8/31/2022	14 15	G	WG	4	N	N	X	X	X	X	X	X	X	X	X	X	X	X	pH= 5.59
FB-6	8/31/2022	11 21	G	WQ	4	N	N	X	X	X	X	X	X	X	X	X	X	X	X	
EB-6	8/31/2022	14 50	G	WQ	4	N	N	X	X	X	X	X	X	X	X	X	X	X	X	
DUP-6	8/31/2022	-	G	WG	4	N	N	X	X	X	X	X	X	X	X	X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H₂SO₄; 4=HNO₃; 5=NaOH; 6= Other _____
 Possible Hazard Identification: _____
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample
 Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments:
 Return to Client Disposal by Lab Archive for _____ Months

Cooler Temp (°C) Obs'd _____ Corrd' _____ Therm ID No. _____
 Relinquished by: Mark Mann Cherise Allen
 Relinquished by: 11/22/22 10/31/22
 Relinquished by: 11/22/22 10/31/22
 Relinquished by: _____
 Date/Time: _____
 Date/Time: _____
 Date/Time: _____

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-220298-1

Login Number: 220298

List Number: 2

Creator: Watson, Debbie

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-220298-1

Login Number: 220436

List Number: 2

Creator: Watson, Debbie

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-220298-1

Login Number: 220490

List Number: 2

Creator: Watson, Debbie

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-220434-1

Client Project/Site: Plant Scherer Surface Water

For:

Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
10/26/2022 12:23:47 PM

David Fuller, Project Manager
(770)344-8986

David.Fuller@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-220434-1	SWA-1	Water	08/30/22 10:40	09/01/22 09:00
680-220434-2	SWA-2	Water	08/30/22 15:40	09/01/22 09:00
680-220434-3	SWA-3	Water	08/30/22 15:18	09/01/22 09:00
680-220434-4	SWC-4	Water	08/30/22 12:15	09/01/22 09:00
680-220434-5	SWC-5	Water	08/30/22 12:30	09/01/22 09:00
680-220434-6	SWC-6	Water	08/30/22 13:58	09/01/22 09:00
680-220434-7	SWC-7	Water	08/30/22 13:40	09/01/22 09:00
680-220434-8	SWC-8	Water	08/30/22 14:55	09/01/22 09:00

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Case Narrative

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Job ID: 680-220434-1

Laboratory: Eurofins Savannah

Narrative

**Job Narrative
680-220434-1**

Receipt

The samples were received on 9/1/2022 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.8°C and 3.6°C

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

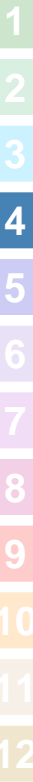
General Chemistry

Method 2320B: Reanalysis of all samples were performed outside of the analytical holding time due to mechanical and technical difficulties.

Method 2540C_Calcd: All samples were analyzed outside of analytical holding time due to lab error.

Method 5310C: The following sample(s) was analyzed outside of analytical holding time due to system outages. SWA-1 (680-220434-1), SWA-2 (680-220434-2), SWA-3 (680-220434-3) and SWC-7 (680-220434-7)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.



Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWA-1

Lab Sample ID: 680-220434-1

Date Collected: 08/30/22 10:40

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33		1.0	0.71	mg/L			09/03/22 00:54	1
Fluoride	0.64		0.10	0.026	mg/L			09/03/22 00:54	1
Sulfate	120		1.0	0.76	mg/L			09/03/22 00:54	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/23/22 11:10	10/08/22 16:19	1
Arsenic	0.0012		0.0010	0.00028	mg/L		09/23/22 11:10	10/08/22 16:19	1
Barium	0.099		0.010	0.0031	mg/L		09/23/22 11:10	10/08/22 16:19	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/23/22 11:10	10/08/22 16:19	1
Boron	0.13		0.080	0.060	mg/L		09/23/22 11:10	10/09/22 09:16	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/23/22 11:10	10/08/22 16:19	1
Calcium	26		0.50	0.13	mg/L		09/23/22 11:10	10/08/22 16:19	1
Chromium	<0.0015		0.0020	0.0015	mg/L		10/19/22 12:05	10/20/22 13:55	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/23/22 11:10	10/08/22 16:19	1
Copper	0.0055		0.0020	0.0011	mg/L		09/23/22 11:10	10/08/22 16:19	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/23/22 11:10	10/08/22 16:19	1
Magnesium	14		0.50	0.050	mg/L		09/23/22 11:10	10/08/22 16:19	1
Nickel	0.012		0.0010	0.00052	mg/L		09/23/22 11:10	10/08/22 16:19	1
Potassium	11		0.50	0.16	mg/L		09/23/22 11:10	10/08/22 16:19	1
Selenium	0.0017	J	0.0050	0.00074	mg/L		09/23/22 11:10	10/08/22 16:19	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/23/22 11:10	10/08/22 16:19	1
Sodium	62		0.50	0.18	mg/L		09/23/22 11:10	10/08/22 16:19	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/23/22 11:10	10/08/22 16:19	1
Vanadium	0.0040		0.0010	0.00078	mg/L		09/23/22 11:10	10/08/22 16:19	1
Zinc	0.0035	J	0.0050	0.0029	mg/L		09/23/22 11:10	10/08/22 16:19	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/22 16:05	09/20/22 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad (SM 5310 C-2014)	8.3	H	1.0	0.51	mg/L			09/28/22 16:38	1
Chemical Oxygen Demand (MCAWW EPA 410.4)	30		10	9.1	mg/L		09/19/22 12:50	09/19/22 17:54	1
Total Dissolved Solids (SM 2540C)	370	H	10	10	mg/L			09/07/22 14:53	1
Cyanide, Total (SM 4500CN E)	<0.0080		0.010	0.0080	mg/L		09/09/22 14:15	09/12/22 18:14	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	93	H	5.0	5.0	mg/L			09/15/22 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	93	H	5.0	5.0	mg/L			09/15/22 15:56	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/15/22 15:56	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.89				SU			08/30/22 10:40	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWA-2

Lab Sample ID: 680-220434-2

Date Collected: 08/30/22 15:40

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.71	mg/L			09/03/22 02:26	1
Fluoride	0.070	J	0.10	0.026	mg/L			09/03/22 02:26	1
Sulfate	220		1.0	0.76	mg/L			09/03/22 02:26	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/23/22 11:10	10/08/22 16:35	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/23/22 11:10	10/08/22 16:35	1
Barium	0.076		0.010	0.0031	mg/L		09/23/22 11:10	10/08/22 16:35	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/23/22 11:10	10/08/22 16:35	1
Boron	1.4		0.080	0.060	mg/L		09/23/22 11:10	10/09/22 09:33	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/23/22 11:10	10/08/22 16:35	1
Calcium	40		0.50	0.13	mg/L		09/23/22 11:10	10/08/22 16:35	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/23/22 11:10	10/08/22 16:35	1
Cobalt	0.0053		0.0025	0.00026	mg/L		09/23/22 11:10	10/08/22 16:35	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/23/22 11:10	10/08/22 16:35	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/23/22 11:10	10/08/22 16:35	1
Magnesium	22		0.50	0.050	mg/L		09/23/22 11:10	10/08/22 16:35	1
Nickel	0.0011		0.0010	0.00052	mg/L		09/23/22 11:10	10/08/22 16:35	1
Potassium	1.6		0.50	0.16	mg/L		09/23/22 11:10	10/08/22 16:35	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/23/22 11:10	10/08/22 16:35	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/23/22 11:10	10/08/22 16:35	1
Sodium	47		0.50	0.18	mg/L		09/23/22 11:10	10/08/22 16:35	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/23/22 11:10	10/08/22 16:35	1
Vanadium	0.00083	J	0.0010	0.00078	mg/L		09/23/22 11:10	10/08/22 16:35	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/23/22 11:10	10/08/22 16:35	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/22 16:05	09/20/22 12:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad (SM 5310 C-2014)	1.8	H	1.0	0.51	mg/L			09/28/22 17:43	1
Chemical Oxygen Demand (MCAWW EPA 410.4)	<9.1		10	9.1	mg/L		09/21/22 17:22	09/21/22 18:43	1
Total Dissolved Solids (SM 2540C)	460	H	10	10	mg/L			09/07/22 14:53	1
Cyanide, Total (SM 4500CN E)	<0.0080		0.010	0.0080	mg/L		09/09/22 14:15	09/12/22 18:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	59	H	5.0	5.0	mg/L			09/15/22 16:03	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	59	H	5.0	5.0	mg/L			09/15/22 16:03	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/15/22 16:03	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.29				SU			08/30/22 15:40	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWA-3

Lab Sample ID: 680-220434-3

Date Collected: 08/30/22 15:18

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.71	mg/L			09/03/22 02:44	1
Fluoride	0.047	J	0.10	0.026	mg/L			09/03/22 02:44	1
Sulfate	66		1.0	0.76	mg/L			09/03/22 02:44	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/23/22 11:10	10/08/22 16:38	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/23/22 11:10	10/08/22 16:38	1
Barium	0.042		0.010	0.0031	mg/L		09/23/22 11:10	10/08/22 16:38	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/23/22 11:10	10/08/22 16:38	1
Boron	0.62		0.080	0.060	mg/L		09/23/22 11:10	10/09/22 09:36	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/23/22 11:10	10/08/22 16:38	1
Calcium	14		0.50	0.13	mg/L		09/23/22 11:10	10/08/22 16:38	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/23/22 11:10	10/08/22 16:38	1
Cobalt	0.0032		0.0025	0.00026	mg/L		09/23/22 11:10	10/08/22 16:38	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/23/22 11:10	10/08/22 16:38	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/23/22 11:10	10/08/22 16:38	1
Magnesium	8.9		0.50	0.050	mg/L		09/23/22 11:10	10/08/22 16:38	1
Nickel	0.0011		0.0010	0.00052	mg/L		09/23/22 11:10	10/08/22 16:38	1
Potassium	1.5		0.50	0.16	mg/L		09/23/22 11:10	10/08/22 16:38	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/23/22 11:10	10/08/22 16:38	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/23/22 11:10	10/08/22 16:38	1
Sodium	23		0.50	0.18	mg/L		09/23/22 11:10	10/08/22 16:38	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/23/22 11:10	10/08/22 16:38	1
Vanadium	0.0019		0.0010	0.00078	mg/L		09/23/22 11:10	10/08/22 16:38	1
Zinc	0.0033	J	0.0050	0.0029	mg/L		09/23/22 11:10	10/08/22 16:38	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/22 16:05	09/20/22 12:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad (SM 5310 C-2014)	0.91	J H	1.0	0.51	mg/L			09/28/22 18:48	1
Chemical Oxygen Demand (MCAWW EPA 410.4)	<9.1		10	9.1	mg/L		09/21/22 17:24	09/21/22 18:44	1
Total Dissolved Solids (SM 2540C)	180	H	10	10	mg/L			09/07/22 14:53	1
Cyanide, Total (SM 4500CN E)	<0.0080		0.010	0.0080	mg/L		09/09/22 14:15	09/12/22 18:18	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	37	H	5.0	5.0	mg/L			09/15/22 16:48	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	37	H	5.0	5.0	mg/L			09/15/22 16:48	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/15/22 16:48	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.23				SU			08/30/22 15:18	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWC-4

Lab Sample ID: 680-220434-4

Date Collected: 08/30/22 12:15

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.2		1.0	0.71	mg/L			09/03/22 03:03	1
Fluoride	0.060	J	0.10	0.026	mg/L			09/03/22 03:03	1
Sulfate	100		1.0	0.76	mg/L			09/03/22 03:03	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/23/22 11:10	10/08/22 16:48	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/23/22 11:10	10/08/22 16:48	1
Barium	0.050		0.010	0.0031	mg/L		09/23/22 11:10	10/08/22 16:48	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/23/22 11:10	10/08/22 16:48	1
Boron	0.62		0.080	0.060	mg/L		09/23/22 11:10	10/09/22 09:53	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/23/22 11:10	10/08/22 16:48	1
Calcium	26		0.50	0.13	mg/L		09/23/22 11:10	10/08/22 16:48	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/23/22 11:10	10/08/22 16:48	1
Cobalt	0.0013	J	0.0025	0.00026	mg/L		09/23/22 11:10	10/08/22 16:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/23/22 11:10	10/08/22 16:48	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/23/22 11:10	10/08/22 16:48	1
Magnesium	14		0.50	0.050	mg/L		09/23/22 11:10	10/08/22 16:48	1
Nickel	0.00068	J	0.0010	0.00052	mg/L		09/23/22 11:10	10/08/22 16:48	1
Potassium	1.4		0.50	0.16	mg/L		09/23/22 11:10	10/08/22 16:48	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/23/22 11:10	10/08/22 16:48	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/23/22 11:10	10/08/22 16:48	1
Sodium	27		0.50	0.18	mg/L		09/23/22 11:10	10/08/22 16:48	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/23/22 11:10	10/08/22 16:48	1
Vanadium	0.0015		0.0010	0.00078	mg/L		09/23/22 11:10	10/08/22 16:48	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/23/22 11:10	10/08/22 16:48	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/22 16:05	09/20/22 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	270	H	10	10	mg/L			09/07/22 14:56	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	64	H	5.0	5.0	mg/L			09/15/22 17:10	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	64	H	5.0	5.0	mg/L			09/15/22 17:10	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/15/22 17:10	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.71				SU			08/30/22 12:15	1

Client Sample ID: SWC-5

Lab Sample ID: 680-220434-5

Date Collected: 08/30/22 12:30

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.0		1.0	0.71	mg/L			09/03/22 03:58	1

Eurofins Savannah

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWC-5

Lab Sample ID: 680-220434-5

Date Collected: 08/30/22 12:30

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.31		0.10	0.026	mg/L			09/03/22 03:58	1
Sulfate	26		1.0	0.76	mg/L			09/03/22 03:58	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/23/22 11:10	10/08/22 16:52	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/23/22 11:10	10/08/22 16:52	1
Barium	0.029		0.010	0.0031	mg/L		09/23/22 11:10	10/08/22 16:52	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/23/22 11:10	10/08/22 16:52	1
Boron	0.080		0.080	0.060	mg/L		09/23/22 11:10	10/09/22 09:57	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/23/22 11:10	10/08/22 16:52	1
Calcium	31		0.50	0.13	mg/L		09/23/22 11:10	10/08/22 16:52	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/23/22 11:10	10/08/22 16:52	1
Cobalt	0.00048	J	0.0025	0.00026	mg/L		09/23/22 11:10	10/08/22 16:52	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/23/22 11:10	10/08/22 16:52	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/23/22 11:10	10/08/22 16:52	1
Magnesium	10		0.50	0.050	mg/L		09/23/22 11:10	10/08/22 16:52	1
Nickel	0.00087	J	0.0010	0.00052	mg/L		09/23/22 11:10	10/08/22 16:52	1
Potassium	2.6		0.50	0.16	mg/L		09/23/22 11:10	10/08/22 16:52	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/23/22 11:10	10/08/22 16:52	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/23/22 11:10	10/08/22 16:52	1
Sodium	8.9		0.50	0.18	mg/L		09/23/22 11:10	10/08/22 16:52	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/23/22 11:10	10/08/22 16:52	1
Vanadium	0.0020		0.0010	0.00078	mg/L		09/23/22 11:10	10/08/22 16:52	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/23/22 11:10	10/08/22 16:52	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/22 16:05	09/20/22 12:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	210	H	10	10	mg/L			09/07/22 14:53	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	110	H	5.0	5.0	mg/L			09/15/22 17:19	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	110	H	5.0	5.0	mg/L			09/15/22 17:19	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/15/22 17:19	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.27				SU			08/30/22 12:30	1

Client Sample ID: SWC-6

Lab Sample ID: 680-220434-6

Date Collected: 08/30/22 13:58

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		1.0	0.71	mg/L			09/03/22 04:54	1
Fluoride	0.12		0.10	0.026	mg/L			09/03/22 04:54	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWC-6

Lab Sample ID: 680-220434-6

Date Collected: 08/30/22 13:58

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1.3		1.0	0.76	mg/L			09/03/22 04:54	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/23/22 11:10	10/08/22 16:55	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/23/22 11:10	10/08/22 16:55	1
Barium	0.024		0.010	0.0031	mg/L		09/23/22 11:10	10/08/22 16:55	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/23/22 11:10	10/08/22 16:55	1
Boron	<0.060		0.080	0.060	mg/L		09/23/22 11:10	10/09/22 10:00	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/23/22 11:10	10/08/22 16:55	1
Calcium	11		0.50	0.13	mg/L		09/23/22 11:10	10/08/22 16:55	1
Chromium	<0.0015		0.0020	0.0015	mg/L		10/19/22 12:05	10/20/22 13:59	1
Cobalt	0.00089	J	0.0025	0.00026	mg/L		09/23/22 11:10	10/08/22 16:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/23/22 11:10	10/08/22 16:55	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/23/22 11:10	10/08/22 16:55	1
Magnesium	5.7		0.50	0.050	mg/L		09/23/22 11:10	10/08/22 16:55	1
Nickel	0.0014		0.0010	0.00052	mg/L		09/23/22 11:10	10/08/22 16:55	1
Potassium	1.0		0.50	0.16	mg/L		09/23/22 11:10	10/08/22 16:55	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/23/22 11:10	10/08/22 16:55	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/23/22 11:10	10/08/22 16:55	1
Sodium	6.3		0.50	0.18	mg/L		09/23/22 11:10	10/08/22 16:55	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/23/22 11:10	10/08/22 16:55	1
Vanadium	0.0029		0.0010	0.00078	mg/L		09/23/22 11:10	10/08/22 16:55	1
Zinc	0.0063		0.0050	0.0029	mg/L		09/23/22 11:10	10/08/22 16:55	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/22 16:05	09/20/22 12:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	100	H	10	10	mg/L			09/07/22 14:56	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	62		5.0	5.0	mg/L			09/13/22 16:16	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	62		5.0	5.0	mg/L			09/13/22 16:16	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/13/22 16:16	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.97				SU			08/30/22 13:58	1

Client Sample ID: SWC-7

Lab Sample ID: 680-220434-7

Date Collected: 08/30/22 13:40

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32		1.0	0.71	mg/L			09/03/22 04:17	1
Fluoride	0.58		0.10	0.026	mg/L			09/03/22 04:17	1
Sulfate	120		1.0	0.76	mg/L			09/03/22 04:17	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWC-7

Lab Sample ID: 680-220434-7

Date Collected: 08/30/22 13:40

Matrix: Water

Date Received: 09/01/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/23/22 11:10	10/08/22 16:58	1
Arsenic	0.0010		0.0010	0.00028	mg/L		09/23/22 11:10	10/08/22 16:58	1
Barium	0.10		0.010	0.0031	mg/L		09/23/22 11:10	10/08/22 16:58	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/23/22 11:10	10/08/22 16:58	1
Boron	0.40		0.080	0.060	mg/L		09/23/22 11:10	10/09/22 10:03	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/23/22 11:10	10/08/22 16:58	1
Calcium	26		0.50	0.13	mg/L		09/23/22 11:10	10/08/22 16:58	1
Chromium	<0.0015		0.0020	0.0015	mg/L		10/19/22 12:05	10/20/22 14:24	1
Cobalt	0.00043	J	0.0025	0.00026	mg/L		09/23/22 11:10	10/08/22 16:58	1
Copper	0.0063		0.0020	0.0011	mg/L		09/23/22 11:10	10/08/22 16:58	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/23/22 11:10	10/08/22 16:58	1
Magnesium	15		0.50	0.050	mg/L		09/23/22 11:10	10/08/22 16:58	1
Nickel	0.0038		0.0010	0.00052	mg/L		09/23/22 11:10	10/08/22 16:58	1
Potassium	11		0.50	0.16	mg/L		09/23/22 11:10	10/08/22 16:58	1
Selenium	0.0014	J	0.0050	0.00074	mg/L		09/23/22 11:10	10/08/22 16:58	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/23/22 11:10	10/08/22 16:58	1
Sodium	63		0.50	0.18	mg/L		09/23/22 11:10	10/08/22 16:58	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/23/22 11:10	10/08/22 16:58	1
Vanadium	0.0052		0.0010	0.00078	mg/L		09/23/22 11:10	10/08/22 16:58	1
Zinc	0.0051		0.0050	0.0029	mg/L		09/23/22 11:10	10/08/22 16:58	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/22 16:05	09/20/22 12:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad (SM 5310 C-2014)	7.1	H	1.0	0.51	mg/L			09/28/22 19:20	1
Chemical Oxygen Demand (MCAWW EPA 410.4)	20		10	9.1	mg/L		09/19/22 12:50	09/19/22 17:55	1
Total Dissolved Solids (SM 2540C)	370	H	10	10	mg/L			09/07/22 14:56	1
Cyanide, Total (SM 4500CN E)	<0.0080		0.010	0.0080	mg/L		09/09/22 14:15	09/12/22 18:22	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	91		5.0	5.0	mg/L			09/13/22 17:25	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	91		5.0	5.0	mg/L			09/13/22 17:25	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/13/22 17:25	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.09				SU			08/30/22 13:40	1

Client Sample ID: SWC-8

Lab Sample ID: 680-220434-8

Date Collected: 08/30/22 14:55

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.71	mg/L			09/03/22 04:35	1
Fluoride	0.061	J	0.10	0.026	mg/L			09/03/22 04:35	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWC-8

Lab Sample ID: 680-220434-8

Date Collected: 08/30/22 14:55

Matrix: Water

Date Received: 09/01/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	140		1.0	0.76	mg/L			09/03/22 04:35	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/23/22 11:10	10/08/22 17:02	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/23/22 11:10	10/08/22 17:02	1
Barium	0.064		0.010	0.0031	mg/L		09/23/22 11:10	10/08/22 17:02	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/23/22 11:10	10/08/22 17:02	1
Boron	0.89		0.080	0.060	mg/L		09/23/22 11:10	10/09/22 10:07	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/23/22 11:10	10/08/22 17:02	1
Calcium	29		0.50	0.13	mg/L		09/23/22 11:10	10/08/22 17:02	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/23/22 11:10	10/08/22 17:02	1
Cobalt	0.0038		0.0025	0.00026	mg/L		09/23/22 11:10	10/08/22 17:02	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/23/22 11:10	10/08/22 17:02	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/23/22 11:10	10/08/22 17:02	1
Magnesium	16		0.50	0.050	mg/L		09/23/22 11:10	10/08/22 17:02	1
Nickel	0.00074	J	0.0010	0.00052	mg/L		09/23/22 11:10	10/08/22 17:02	1
Potassium	1.4		0.50	0.16	mg/L		09/23/22 11:10	10/08/22 17:02	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/23/22 11:10	10/08/22 17:02	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/23/22 11:10	10/08/22 17:02	1
Sodium	34		0.50	0.18	mg/L		09/23/22 11:10	10/08/22 17:02	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/23/22 11:10	10/08/22 17:02	1
Vanadium	0.0015		0.0010	0.00078	mg/L		09/23/22 11:10	10/08/22 17:02	1
Zinc	0.0096		0.0050	0.0029	mg/L		09/23/22 11:10	10/08/22 17:02	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/22 16:05	09/20/22 12:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	330	H	10	10	mg/L			09/07/22 14:56	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	60		5.0	5.0	mg/L			09/13/22 17:18	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	60		5.0	5.0	mg/L			09/13/22 17:18	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/13/22 17:18	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.31				SU			08/30/22 14:55	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 180-410955/42
Matrix: Water
Analysis Batch: 410955

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/03/22 00:17	1
Fluoride	<0.026		0.10	0.026	mg/L			09/03/22 00:17	1
Sulfate	<0.76		1.0	0.76	mg/L			09/03/22 00:17	1

Lab Sample ID: MB 180-410955/6
Matrix: Water
Analysis Batch: 410955

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/02/22 13:12	1
Fluoride	<0.026		0.10	0.026	mg/L			09/02/22 13:12	1
Sulfate	<0.76		1.0	0.76	mg/L			09/02/22 13:12	1

Lab Sample ID: LCS 180-410955/43
Matrix: Water
Analysis Batch: 410955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	50.6		mg/L		101	90 - 110
Fluoride	2.50	2.49		mg/L		100	90 - 110
Sulfate	50.0	49.6		mg/L		99	90 - 110

Lab Sample ID: LCS 180-410955/7
Matrix: Water
Analysis Batch: 410955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	49.9		mg/L		100	90 - 110
Fluoride	2.50	2.50		mg/L		100	90 - 110
Sulfate	50.0	49.0		mg/L		98	90 - 110

Lab Sample ID: 680-220434-1 MS
Matrix: Water
Analysis Batch: 410955

Client Sample ID: SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	33		50.0	82.4		mg/L		99	90 - 110
Fluoride	0.64		2.50	3.19		mg/L		102	90 - 110
Sulfate	120		50.0	168		mg/L		90	90 - 110

Lab Sample ID: 680-220434-1 MSD
Matrix: Water
Analysis Batch: 410955

Client Sample ID: SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	33		50.0	82.6		mg/L		99	90 - 110	0	20
Fluoride	0.64		2.50	3.18		mg/L		102	90 - 110	0	20
Sulfate	120		50.0	168		mg/L		90	90 - 110	0	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-413001/1-A
Matrix: Water
Analysis Batch: 414527

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 413001

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		09/23/22 11:10	10/08/22 16:12	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/23/22 11:10	10/08/22 16:12	1
Barium	<0.0031		0.010	0.0031	mg/L		09/23/22 11:10	10/08/22 16:12	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/23/22 11:10	10/08/22 16:12	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/23/22 11:10	10/08/22 16:12	1
Calcium	<0.13		0.50	0.13	mg/L		09/23/22 11:10	10/08/22 16:12	1
Chromium	0.00242		0.0020	0.0015	mg/L		09/23/22 11:10	10/08/22 16:12	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/23/22 11:10	10/08/22 16:12	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/23/22 11:10	10/08/22 16:12	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/23/22 11:10	10/08/22 16:12	1
Magnesium	<0.050		0.50	0.050	mg/L		09/23/22 11:10	10/08/22 16:12	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/23/22 11:10	10/08/22 16:12	1
Potassium	<0.16		0.50	0.16	mg/L		09/23/22 11:10	10/08/22 16:12	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/23/22 11:10	10/08/22 16:12	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/23/22 11:10	10/08/22 16:12	1
Sodium	<0.18		0.50	0.18	mg/L		09/23/22 11:10	10/08/22 16:12	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/23/22 11:10	10/08/22 16:12	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/23/22 11:10	10/08/22 16:12	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/23/22 11:10	10/08/22 16:12	1

Lab Sample ID: MB 180-413001/1-A
Matrix: Water
Analysis Batch: 414650

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 413001

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<0.060		0.080	0.060	mg/L		09/23/22 11:10	10/09/22 09:06	1

Lab Sample ID: LCS 180-413001/2-A
Matrix: Water
Analysis Batch: 414527

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 413001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.00	0.997		mg/L		100	80 - 120
Barium	1.00	0.987		mg/L		99	80 - 120
Beryllium	0.500	0.534		mg/L		107	80 - 120
Cadmium	0.500	0.504		mg/L		101	80 - 120
Calcium	25.0	28.4		mg/L		114	80 - 120
Chromium	0.500	0.503		mg/L		101	80 - 120
Cobalt	0.500	0.500		mg/L		100	80 - 120
Copper	0.500	0.482		mg/L		96	80 - 120
Lead	0.500	0.510		mg/L		102	80 - 120
Magnesium	25.0	26.2		mg/L		105	80 - 120
Nickel	0.500	0.508		mg/L		102	80 - 120
Potassium	25.0	25.8		mg/L		103	80 - 120
Selenium	1.00	0.978		mg/L		98	80 - 120
Silver	0.250	0.247		mg/L		99	80 - 120
Sodium	25.0	26.3		mg/L		105	80 - 120
Thallium	1.00	1.02		mg/L		102	80 - 120

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-413001/2-A
Matrix: Water
Analysis Batch: 414527

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 413001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Vanadium	0.500	0.506		mg/L		101	80 - 120	
Zinc	0.250	0.257		mg/L		103	80 - 120	

Lab Sample ID: LCS 180-413001/2-A
Matrix: Water
Analysis Batch: 414650

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 413001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Boron	1.25	1.21		mg/L		97	80 - 120	

Lab Sample ID: 680-220434-1 MS
Matrix: Water
Analysis Batch: 414527

Client Sample ID: SWA-1
Prep Type: Total Recoverable
Prep Batch: 413001

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Antimony	<0.00051		0.250	0.269		mg/L		107	75 - 125	
Arsenic	0.0012		1.00	0.997		mg/L		100	75 - 125	
Barium	0.099		1.00	1.09		mg/L		99	75 - 125	
Beryllium	<0.00027		0.500	0.524		mg/L		105	75 - 125	
Cadmium	<0.00022		0.500	0.503		mg/L		101	75 - 125	
Calcium	26		25.0	54.9		mg/L		115	75 - 125	
Cobalt	<0.00026		0.500	0.497		mg/L		99	75 - 125	
Copper	0.0055		0.500	0.489		mg/L		97	75 - 125	
Lead	<0.00017		0.500	0.506		mg/L		101	75 - 125	
Magnesium	14		25.0	40.5		mg/L		104	75 - 125	
Nickel	0.012		0.500	0.508		mg/L		99	75 - 125	
Potassium	11		25.0	37.1		mg/L		103	75 - 125	
Selenium	0.0017	J	1.00	0.970		mg/L		97	75 - 125	
Silver	<0.00022		0.250	0.243		mg/L		97	75 - 125	
Sodium	62		25.0	90.3		mg/L		112	75 - 125	
Thallium	<0.00047		1.00	1.02		mg/L		102	75 - 125	
Vanadium	0.0040		0.500	0.500		mg/L		99	75 - 125	
Zinc	0.0035	J	0.250	0.258		mg/L		102	75 - 125	

Lab Sample ID: 680-220434-1 MS
Matrix: Water
Analysis Batch: 414650

Client Sample ID: SWA-1
Prep Type: Total Recoverable
Prep Batch: 413001

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Boron	0.13		1.25	1.51		mg/L		110	75 - 125	

Lab Sample ID: 680-220434-1 MSD
Matrix: Water
Analysis Batch: 414527

Client Sample ID: SWA-1
Prep Type: Total Recoverable
Prep Batch: 413001

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	
									Limits		RPD	Limit
Antimony	<0.00051		0.250	0.271		mg/L		108	75 - 125		1	20
Arsenic	0.0012		1.00	1.00		mg/L		100	75 - 125		0	20
Barium	0.099		1.00	1.09		mg/L		99	75 - 125		0	20
Beryllium	<0.00027		0.500	0.535		mg/L		107	75 - 125		2	20

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-220434-1 MSD
Matrix: Water
Analysis Batch: 414527

Client Sample ID: SWA-1
Prep Type: Total Recoverable
Prep Batch: 413001

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Cadmium	<0.00022		0.500	0.504		mg/L		101	75 - 125	0	20
Calcium	26		25.0	53.9		mg/L		111	75 - 125	2	20
Cobalt	<0.00026		0.500	0.499		mg/L		100	75 - 125	0	20
Copper	0.0055		0.500	0.494		mg/L		98	75 - 125	1	20
Lead	<0.00017		0.500	0.511		mg/L		102	75 - 125	1	20
Magnesium	14		25.0	40.2		mg/L		103	75 - 125	1	20
Nickel	0.012		0.500	0.515		mg/L		101	75 - 125	1	20
Potassium	11		25.0	36.9		mg/L		102	75 - 125	1	20
Selenium	0.0017	J	1.00	0.984		mg/L		98	75 - 125	1	20
Silver	<0.00022		0.250	0.245		mg/L		98	75 - 125	1	20
Sodium	62		25.0	87.6		mg/L		101	75 - 125	3	20
Thallium	<0.00047		1.00	1.03		mg/L		103	75 - 125	1	20
Vanadium	0.0040		0.500	0.507		mg/L		101	75 - 125	1	20
Zinc	0.0035	J	0.250	0.255		mg/L		101	75 - 125	1	20

Lab Sample ID: 680-220434-1 MSD
Matrix: Water
Analysis Batch: 414650

Client Sample ID: SWA-1
Prep Type: Total Recoverable
Prep Batch: 413001

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Boron	0.13		1.25	1.68		mg/L		124	75 - 125	11	20

Lab Sample ID: MB 180-415539/1-A
Matrix: Water
Analysis Batch: 415759

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 415539

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chromium	<0.0015		0.0020	0.0015	mg/L		10/19/22 12:05	10/20/22 13:48	1

Lab Sample ID: LCS 180-415539/2-A
Matrix: Water
Analysis Batch: 415759

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 415539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Chromium	0.500	0.504		mg/L		101	80 - 120

Lab Sample ID: 680-220434-6 MS
Matrix: Water
Analysis Batch: 415759

Client Sample ID: SWC-6
Prep Type: Total Recoverable
Prep Batch: 415539

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				Limits
Chromium	<0.0015		0.500	0.505		mg/L		101	75 - 125

Lab Sample ID: 680-220434-6 MSD
Matrix: Water
Analysis Batch: 415759

Client Sample ID: SWC-6
Prep Type: Total Recoverable
Prep Batch: 415539

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Chromium	<0.0015		0.500	0.504		mg/L		101	75 - 125	0	20

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-412348/1-A
Matrix: Water
Analysis Batch: 412640

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 412348

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/16/22 16:05	09/20/22 12:41	1

Lab Sample ID: LCS 180-412348/2-A
Matrix: Water
Analysis Batch: 412640

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 412348

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00275		mg/L		110	80 - 120

Lab Sample ID: 180-143716-F-2-B MS
Matrix: Water
Analysis Batch: 412640

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 412348

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00013		0.00100	0.000942		mg/L		94	75 - 125

Lab Sample ID: 180-143716-F-2-C MSD
Matrix: Water
Analysis Batch: 412640

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 412348

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.000861		mg/L		86	75 - 125	9	20

Method: 5310 C-2014 - Total Organic Carbon/Persulfate - Ultrav

Lab Sample ID: MB 180-413573/5
Matrix: Water
Analysis Batch: 413573

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad	<0.51		1.0	0.51	mg/L			09/28/22 16:03	1

Lab Sample ID: LCS 180-413573/4
Matrix: Water
Analysis Batch: 413573

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Quad	20.0	21.5		mg/L		107	85 - 115

Lab Sample ID: 680-220434-1 MS
Matrix: Water
Analysis Batch: 413573

Client Sample ID: SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Quad	8.3	H	0.100	19.1	4	mg/L		10751	85 - 115

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Method: 5310 C-2014 - Total Organic Carbon/Persulfate - Ultrav (Continued)

Lab Sample ID: 680-220434-2 DU
Matrix: Water
Analysis Batch: 413573

Client Sample ID: SWA-2
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Organic Carbon - Quad	1.8	H	1.82		mg/L		0.3	15

Method: EPA 410.4 - COD

Lab Sample ID: MB 180-412521/12-A
Matrix: Water
Analysis Batch: 412558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 412521

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		09/19/22 12:50	09/19/22 17:32	1

Lab Sample ID: MB 180-412521/36-A
Matrix: Water
Analysis Batch: 412558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 412521

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		09/19/22 12:50	09/19/22 17:47	1

Lab Sample ID: LCS 180-412521/35-A
Matrix: Water
Analysis Batch: 412558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 412521

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Chemical Oxygen Demand	75.0	73.3		mg/L		98	90 - 110

Lab Sample ID: 180-144367-C-1-B MS
Matrix: Water
Analysis Batch: 412558

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 412521

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Chemical Oxygen Demand	<9.1		25.0	25.9		mg/L		103	90 - 110

Lab Sample ID: 180-144367-C-1-C MSD
Matrix: Water
Analysis Batch: 412558

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 412521

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Chemical Oxygen Demand	<9.1		25.0	23.8		mg/L		95	90 - 110	8	20

Lab Sample ID: MB 180-412780/108-A
Matrix: Water
Analysis Batch: 412807

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 412780

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		09/21/22 17:16	09/21/22 18:42	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Method: EPA 410.4 - COD (Continued)

Lab Sample ID: MB 180-412780/84-A
Matrix: Water
Analysis Batch: 412807

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 412780

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		09/21/22 16:25	09/21/22 18:30	1

Lab Sample ID: LCS 180-412780/107-A
Matrix: Water
Analysis Batch: 412807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 412780

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	75.0	69.9		mg/L		93	90 - 110

Lab Sample ID: 680-220434-3 MS
Matrix: Water
Analysis Batch: 412807

Client Sample ID: SWA-3
Prep Type: Total/NA
Prep Batch: 412780

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	<9.1		25.0	24.7		mg/L		99	90 - 110

Lab Sample ID: 680-220434-3 MSD
Matrix: Water
Analysis Batch: 412807

Client Sample ID: SWA-3
Prep Type: Total/NA
Prep Batch: 412780

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chemical Oxygen Demand	<9.1		25.0	27.4		mg/L		110	90 - 110	11	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-411297/2
Matrix: Water
Analysis Batch: 411297

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/07/22 14:53	1

Lab Sample ID: LCS 180-411297/1
Matrix: Water
Analysis Batch: 411297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	194		mg/L		104	85 - 115

Lab Sample ID: 180-143849-D-1 DU
Matrix: Water
Analysis Batch: 411297

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	690		734		mg/L		6	10

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 180-143849-D-2 DU
Matrix: Water
Analysis Batch: 411297

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	930		939		mg/L		1	10

Lab Sample ID: MB 180-411299/2
Matrix: Water
Analysis Batch: 411299

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/07/22 14:56	1

Lab Sample ID: LCS 180-411299/1
Matrix: Water
Analysis Batch: 411299

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	212		mg/L		114	85 - 115

Lab Sample ID: 180-143734-C-3 DU
Matrix: Water
Analysis Batch: 411299

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1200		1290		mg/L		5	10

Lab Sample ID: 180-143849-D-3 DU
Matrix: Water
Analysis Batch: 411299

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	120		124		mg/L		5	10

Method: SM 4500CN E - Total Cyanide

Lab Sample ID: MB 180-411554/4-A
Matrix: Water
Analysis Batch: 411795

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 411554

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0080		0.010	0.0080	mg/L		09/09/22 14:15	09/12/22 18:09	1

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-412004/6
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/13/22 15:48	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 15:48	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 15:48	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-412004/5
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	265	240		mg/L		91	90 - 110

Lab Sample ID: LLCS 180-412004/4
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	15.0		mg/L		95	75 - 125

Lab Sample ID: 180-143728-C-4 DU
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	190		189		mg/L		0.5	20
Bicarbonate Alkalinity as CaCO3	190		189		mg/L		0.5	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-143728-C-12 DU
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	240		238		mg/L		1	20
Bicarbonate Alkalinity as CaCO3	240		238		mg/L		1	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 180-412271/32
Matrix: Water
Analysis Batch: 412271

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/15/22 16:42	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/15/22 16:42	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/15/22 16:42	1

Lab Sample ID: MB 180-412271/8
Matrix: Water
Analysis Batch: 412271

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/15/22 13:17	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/15/22 13:17	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/15/22 13:17	1

QC Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-412271/31
Matrix: Water
Analysis Batch: 412271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	260	242		mg/L		93	90 - 110

Lab Sample ID: LCS 180-412271/7
Matrix: Water
Analysis Batch: 412271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	260	235		mg/L		90	90 - 110

Lab Sample ID: LLCS 180-412271/30
Matrix: Water
Analysis Batch: 412271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.6	14.6		mg/L		94	75 - 125

Lab Sample ID: LLCS 180-412271/6
Matrix: Water
Analysis Batch: 412271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.6	14.6		mg/L		94	75 - 125

Lab Sample ID: 680-220434-3 DU
Matrix: Water
Analysis Batch: 412271

Client Sample ID: SWA-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	37	H	38.1		mg/L		4	20
Bicarbonate Alkalinity as CaCO3	37	H	38.1		mg/L		4	20
Carbonate Alkalinity as CaCO3	<5.0	H	<5.0		mg/L		NC	20

QC Association Summary

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

HPLC/IC

Analysis Batch: 410955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total/NA	Water	EPA 300.0 R2.1	
680-220434-2	SWA-2	Total/NA	Water	EPA 300.0 R2.1	
680-220434-3	SWA-3	Total/NA	Water	EPA 300.0 R2.1	
680-220434-4	SWC-4	Total/NA	Water	EPA 300.0 R2.1	
680-220434-5	SWC-5	Total/NA	Water	EPA 300.0 R2.1	
680-220434-6	SWC-6	Total/NA	Water	EPA 300.0 R2.1	
680-220434-7	SWC-7	Total/NA	Water	EPA 300.0 R2.1	
680-220434-8	SWC-8	Total/NA	Water	EPA 300.0 R2.1	
MB 180-410955/42	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-410955/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-410955/43	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-410955/7	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
680-220434-1 MS	SWA-1	Total/NA	Water	EPA 300.0 R2.1	
680-220434-1 MSD	SWA-1	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 412348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total/NA	Water	7470A	
680-220434-2	SWA-2	Total/NA	Water	7470A	
680-220434-3	SWA-3	Total/NA	Water	7470A	
680-220434-4	SWC-4	Total/NA	Water	7470A	
680-220434-5	SWC-5	Total/NA	Water	7470A	
680-220434-6	SWC-6	Total/NA	Water	7470A	
680-220434-7	SWC-7	Total/NA	Water	7470A	
680-220434-8	SWC-8	Total/NA	Water	7470A	
MB 180-412348/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-412348/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-143716-F-2-B MS	Matrix Spike	Total/NA	Water	7470A	
180-143716-F-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 412640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total/NA	Water	EPA 7470A	412348
680-220434-2	SWA-2	Total/NA	Water	EPA 7470A	412348
680-220434-3	SWA-3	Total/NA	Water	EPA 7470A	412348
680-220434-4	SWC-4	Total/NA	Water	EPA 7470A	412348
680-220434-5	SWC-5	Total/NA	Water	EPA 7470A	412348
680-220434-6	SWC-6	Total/NA	Water	EPA 7470A	412348
680-220434-7	SWC-7	Total/NA	Water	EPA 7470A	412348
680-220434-8	SWC-8	Total/NA	Water	EPA 7470A	412348
MB 180-412348/1-A	Method Blank	Total/NA	Water	EPA 7470A	412348
LCS 180-412348/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	412348
180-143716-F-2-B MS	Matrix Spike	Total/NA	Water	EPA 7470A	412348
180-143716-F-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	412348

Prep Batch: 413001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total Recoverable	Water	3005A	
680-220434-2	SWA-2	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Metals (Continued)

Prep Batch: 413001 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-3	SWA-3	Total Recoverable	Water	3005A	
680-220434-4	SWC-4	Total Recoverable	Water	3005A	
680-220434-5	SWC-5	Total Recoverable	Water	3005A	
680-220434-6	SWC-6	Total Recoverable	Water	3005A	
680-220434-7	SWC-7	Total Recoverable	Water	3005A	
680-220434-8	SWC-8	Total Recoverable	Water	3005A	
MB 180-413001/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-413001/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-220434-1 MS	SWA-1	Total Recoverable	Water	3005A	
680-220434-1 MSD	SWA-1	Total Recoverable	Water	3005A	

Analysis Batch: 414527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total Recoverable	Water	EPA 6020B	413001
680-220434-2	SWA-2	Total Recoverable	Water	EPA 6020B	413001
680-220434-3	SWA-3	Total Recoverable	Water	EPA 6020B	413001
680-220434-4	SWC-4	Total Recoverable	Water	EPA 6020B	413001
680-220434-5	SWC-5	Total Recoverable	Water	EPA 6020B	413001
680-220434-6	SWC-6	Total Recoverable	Water	EPA 6020B	413001
680-220434-7	SWC-7	Total Recoverable	Water	EPA 6020B	413001
680-220434-8	SWC-8	Total Recoverable	Water	EPA 6020B	413001
MB 180-413001/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	413001
LCS 180-413001/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	413001
680-220434-1 MS	SWA-1	Total Recoverable	Water	EPA 6020B	413001
680-220434-1 MSD	SWA-1	Total Recoverable	Water	EPA 6020B	413001

Analysis Batch: 414650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total Recoverable	Water	EPA 6020B	413001
680-220434-2	SWA-2	Total Recoverable	Water	EPA 6020B	413001
680-220434-3	SWA-3	Total Recoverable	Water	EPA 6020B	413001
680-220434-4	SWC-4	Total Recoverable	Water	EPA 6020B	413001
680-220434-5	SWC-5	Total Recoverable	Water	EPA 6020B	413001
680-220434-6	SWC-6	Total Recoverable	Water	EPA 6020B	413001
680-220434-7	SWC-7	Total Recoverable	Water	EPA 6020B	413001
680-220434-8	SWC-8	Total Recoverable	Water	EPA 6020B	413001
MB 180-413001/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	413001
LCS 180-413001/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	413001
680-220434-1 MS	SWA-1	Total Recoverable	Water	EPA 6020B	413001
680-220434-1 MSD	SWA-1	Total Recoverable	Water	EPA 6020B	413001

Prep Batch: 415539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total Recoverable	Water	3005A	
680-220434-6	SWC-6	Total Recoverable	Water	3005A	
680-220434-7	SWC-7	Total Recoverable	Water	3005A	
MB 180-415539/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-415539/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-220434-6 MS	SWC-6	Total Recoverable	Water	3005A	
680-220434-6 MSD	SWC-6	Total Recoverable	Water	3005A	

QC Association Summary

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Metals

Analysis Batch: 415759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total Recoverable	Water	EPA 6020B	415539
680-220434-6	SWC-6	Total Recoverable	Water	EPA 6020B	415539
680-220434-7	SWC-7	Total Recoverable	Water	EPA 6020B	415539
MB 180-415539/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	415539
LCS 180-415539/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	415539
680-220434-6 MS	SWC-6	Total Recoverable	Water	EPA 6020B	415539
680-220434-6 MSD	SWC-6	Total Recoverable	Water	EPA 6020B	415539

General Chemistry

Analysis Batch: 411297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total/NA	Water	SM 2540C	
680-220434-2	SWA-2	Total/NA	Water	SM 2540C	
680-220434-3	SWA-3	Total/NA	Water	SM 2540C	
680-220434-5	SWC-5	Total/NA	Water	SM 2540C	
MB 180-411297/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-411297/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143849-D-1 DU	Duplicate	Total/NA	Water	SM 2540C	
180-143849-D-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 411299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-4	SWC-4	Total/NA	Water	SM 2540C	
680-220434-6	SWC-6	Total/NA	Water	SM 2540C	
680-220434-7	SWC-7	Total/NA	Water	SM 2540C	
680-220434-8	SWC-8	Total/NA	Water	SM 2540C	
MB 180-411299/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-411299/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143734-C-3 DU	Duplicate	Total/NA	Water	SM 2540C	
180-143849-D-3 DU	Duplicate	Total/NA	Water	SM 2540C	

Prep Batch: 411554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total/NA	Water	SM 4500 CN C	
680-220434-2	SWA-2	Total/NA	Water	SM 4500 CN C	
680-220434-3	SWA-3	Total/NA	Water	SM 4500 CN C	
680-220434-7	SWC-7	Total/NA	Water	SM 4500 CN C	
MB 180-411554/4-A	Method Blank	Total/NA	Water	SM 4500 CN C	

Analysis Batch: 411795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total/NA	Water	SM 4500CN E	411554
680-220434-2	SWA-2	Total/NA	Water	SM 4500CN E	411554
680-220434-3	SWA-3	Total/NA	Water	SM 4500CN E	411554
680-220434-7	SWC-7	Total/NA	Water	SM 4500CN E	411554
MB 180-411554/4-A	Method Blank	Total/NA	Water	SM 4500CN E	411554

Analysis Batch: 412004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-6	SWC-6	Total/NA	Water	SM2320 B	

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QC Association Summary

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

General Chemistry (Continued)

Analysis Batch: 412004 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-7	SWC-7	Total/NA	Water	SM2320 B	
680-220434-8	SWC-8	Total/NA	Water	SM2320 B	
MB 180-412004/6	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-412004/5	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-412004/4	Lab Control Sample	Total/NA	Water	SM2320 B	
180-143728-C-4 DU	Duplicate	Total/NA	Water	SM2320 B	
180-143728-C-12 DU	Duplicate	Total/NA	Water	SM2320 B	

Analysis Batch: 412271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total/NA	Water	SM2320 B	
680-220434-2	SWA-2	Total/NA	Water	SM2320 B	
680-220434-3	SWA-3	Total/NA	Water	SM2320 B	
680-220434-4	SWC-4	Total/NA	Water	SM2320 B	
680-220434-5	SWC-5	Total/NA	Water	SM2320 B	
MB 180-412271/32	Method Blank	Total/NA	Water	SM2320 B	
MB 180-412271/8	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-412271/31	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-412271/7	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-412271/30	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-412271/6	Lab Control Sample	Total/NA	Water	SM2320 B	
680-220434-3 DU	SWA-3	Total/NA	Water	SM2320 B	

Prep Batch: 412521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total/NA	Water	410.4	
680-220434-7	SWC-7	Total/NA	Water	410.4	
MB 180-412521/12-A	Method Blank	Total/NA	Water	410.4	
MB 180-412521/36-A	Method Blank	Total/NA	Water	410.4	
LCS 180-412521/35-A	Lab Control Sample	Total/NA	Water	410.4	
180-144367-C-1-B MS	Matrix Spike	Total/NA	Water	410.4	
180-144367-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	410.4	

Analysis Batch: 412558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total/NA	Water	EPA 410.4	412521
680-220434-7	SWC-7	Total/NA	Water	EPA 410.4	412521
MB 180-412521/12-A	Method Blank	Total/NA	Water	EPA 410.4	412521
MB 180-412521/36-A	Method Blank	Total/NA	Water	EPA 410.4	412521
LCS 180-412521/35-A	Lab Control Sample	Total/NA	Water	EPA 410.4	412521
180-144367-C-1-B MS	Matrix Spike	Total/NA	Water	EPA 410.4	412521
180-144367-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 410.4	412521

Prep Batch: 412780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-2	SWA-2	Total/NA	Water	410.4	
680-220434-3	SWA-3	Total/NA	Water	410.4	
MB 180-412780/108-A	Method Blank	Total/NA	Water	410.4	
MB 180-412780/84-A	Method Blank	Total/NA	Water	410.4	
LCS 180-412780/107-A	Lab Control Sample	Total/NA	Water	410.4	
680-220434-3 MS	SWA-3	Total/NA	Water	410.4	

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QC Association Summary

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

General Chemistry (Continued)

Prep Batch: 412780 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-3 MSD	SWA-3	Total/NA	Water	410.4	

Analysis Batch: 412807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-2	SWA-2	Total/NA	Water	EPA 410.4	412780
680-220434-3	SWA-3	Total/NA	Water	EPA 410.4	412780
MB 180-412780/108-A	Method Blank	Total/NA	Water	EPA 410.4	412780
MB 180-412780/84-A	Method Blank	Total/NA	Water	EPA 410.4	412780
LCS 180-412780/107-A	Lab Control Sample	Total/NA	Water	EPA 410.4	412780
680-220434-3 MS	SWA-3	Total/NA	Water	EPA 410.4	412780
680-220434-3 MSD	SWA-3	Total/NA	Water	EPA 410.4	412780

Analysis Batch: 413573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total/NA	Water	5310 C-2014	
680-220434-2	SWA-2	Total/NA	Water	5310 C-2014	
680-220434-3	SWA-3	Total/NA	Water	5310 C-2014	
680-220434-7	SWC-7	Total/NA	Water	5310 C-2014	
MB 180-413573/5	Method Blank	Total/NA	Water	5310 C-2014	
LCS 180-413573/4	Lab Control Sample	Total/NA	Water	5310 C-2014	
680-220434-1 MS	SWA-1	Total/NA	Water	5310 C-2014	
680-220434-2 DU	SWA-2	Total/NA	Water	5310 C-2014	

Field Service / Mobile Lab

Analysis Batch: 411004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220434-1	SWA-1	Total/NA	Water	Field Sampling	
680-220434-2	SWA-2	Total/NA	Water	Field Sampling	
680-220434-3	SWA-3	Total/NA	Water	Field Sampling	
680-220434-4	SWC-4	Total/NA	Water	Field Sampling	
680-220434-5	SWC-5	Total/NA	Water	Field Sampling	
680-220434-6	SWC-6	Total/NA	Water	Field Sampling	
680-220434-7	SWC-7	Total/NA	Water	Field Sampling	
680-220434-8	SWC-8	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWA-1

Lab Sample ID: 680-220434-1

Date Collected: 08/30/22 10:40

Matrix: Water

Date Received: 09/01/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410955	09/03/22 00:54	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	415539	10/19/22 12:05	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			415759	10/20/22 13:55	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414527	10/08/22 16:19	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 09:16	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	412348	09/16/22 16:05	HCY	EET PIT
Total/NA	Analysis	EPA 7470A		1			412640	09/20/22 12:44	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	5310 C-2014		1	40 mL	40 mL	413573	09/28/22 16:38	LWM	EET PIT
Instrument ID: SAM										
Total/NA	Prep	410.4			1 mL	1 mL	412521	09/19/22 12:50	ELS	EET PIT
Total/NA	Analysis	EPA 410.4		1	1 mL	1 mL	412558	09/19/22 17:54	ELS	EET PIT
Instrument ID: GENESYS10S										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411297	09/07/22 14:53	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Prep	SM 4500 CN C			6 mL	6 mL	411554	09/09/22 14:15	CMR	EET PIT
Total/NA	Analysis	SM 4500CN E		1			411795	09/12/22 18:14	CMR	EET PIT
Instrument ID: SEAL2										
Total/NA	Analysis	SM2320 B		1			412271	09/15/22 15:56	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			411004	08/30/22 10:40	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWA-2

Lab Sample ID: 680-220434-2

Date Collected: 08/30/22 15:40

Matrix: Water

Date Received: 09/01/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410955	09/03/22 02:26	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414527	10/08/22 16:35	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 09:33	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	412348	09/16/22 16:05	HCY	EET PIT
Total/NA	Analysis	EPA 7470A		1			412640	09/20/22 12:45	RJR	EET PIT
Instrument ID: HGY										

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWA-2

Lab Sample ID: 680-220434-2

Date Collected: 08/30/22 15:40

Matrix: Water

Date Received: 09/01/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	5310 C-2014		1	40 mL	40 mL	413573	09/28/22 17:43	LWM	EET PIT
Total/NA	Prep	410.4			1 mL	1 mL	412780	09/21/22 17:22	ELS	EET PIT
Total/NA	Analysis	EPA 410.4		1	1 mL	1 mL	412807	09/21/22 18:43	ELS	EET PIT
Instrument ID: GENESYS10S										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411297	09/07/22 14:53	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Prep	SM 4500 CN C			6 mL	6 mL	411554	09/09/22 14:15	CMR	EET PIT
Total/NA	Analysis	SM 4500CN E		1			411795	09/12/22 18:16	CMR	EET PIT
Instrument ID: SEAL2										
Total/NA	Analysis	SM2320 B		1			412271	09/15/22 16:03	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			411004	08/30/22 15:40	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWA-3

Lab Sample ID: 680-220434-3

Date Collected: 08/30/22 15:18

Matrix: Water

Date Received: 09/01/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410955	09/03/22 02:44	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414527	10/08/22 16:38	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 09:36	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	412348	09/16/22 16:05	HCY	EET PIT
Total/NA	Analysis	EPA 7470A		1			412640	09/20/22 12:49	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	5310 C-2014		1	40 mL	40 mL	413573	09/28/22 18:48	LWM	EET PIT
Instrument ID: SAM										
Total/NA	Prep	410.4			1 mL	1 mL	412780	09/21/22 17:24	ELS	EET PIT
Total/NA	Analysis	EPA 410.4		1	1 mL	1 mL	412807	09/21/22 18:44	ELS	EET PIT
Instrument ID: GENESYS10S										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411297	09/07/22 14:53	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Prep	SM 4500 CN C			6 mL	6 mL	411554	09/09/22 14:15	CMR	EET PIT
Total/NA	Analysis	SM 4500CN E		1			411795	09/12/22 18:18	CMR	EET PIT
Instrument ID: SEAL2										
Total/NA	Analysis	SM2320 B		1			412271	09/15/22 16:48	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			411004	08/30/22 15:18	FDS	EET PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWC-4
Date Collected: 08/30/22 12:15
Date Received: 09/01/22 09:00

Lab Sample ID: 680-220434-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410955	09/03/22 03:03	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414527	10/08/22 16:48	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 09:53	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	412348	09/16/22 16:05	HCY	EET PIT
Total/NA	Analysis	EPA 7470A		1			412640	09/20/22 12:50	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411299	09/07/22 14:56	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			412271	09/15/22 17:10	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			411004	08/30/22 12:15	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-5
Date Collected: 08/30/22 12:30
Date Received: 09/01/22 09:00

Lab Sample ID: 680-220434-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410955	09/03/22 03:58	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414527	10/08/22 16:52	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 09:57	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	412348	09/16/22 16:05	HCY	EET PIT
Total/NA	Analysis	EPA 7470A		1			412640	09/20/22 12:51	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411297	09/07/22 14:53	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			412271	09/15/22 17:19	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			411004	08/30/22 12:30	FDS	EET PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWC-6

Lab Sample ID: 680-220434-6

Date Collected: 08/30/22 13:58

Matrix: Water

Date Received: 09/01/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410955	09/03/22 04:54	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	415539	10/19/22 12:05	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			415759	10/20/22 13:59	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414527	10/08/22 16:55	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 10:00	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	412348	09/16/22 16:05	HCY	EET PIT
Total/NA	Analysis	EPA 7470A		1			412640	09/20/22 12:52	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411299	09/07/22 14:56	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			412004	09/13/22 16:16	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			411004	08/30/22 13:58	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-7

Lab Sample ID: 680-220434-7

Date Collected: 08/30/22 13:40

Matrix: Water

Date Received: 09/01/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410955	09/03/22 04:17	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	415539	10/19/22 12:05	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			415759	10/20/22 14:24	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414527	10/08/22 16:58	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 10:03	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	412348	09/16/22 16:05	HCY	EET PIT
Total/NA	Analysis	EPA 7470A		1			412640	09/20/22 12:53	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	5310 C-2014		1	40 mL	40 mL	413573	09/28/22 19:20	LWM	EET PIT
Instrument ID: SAM										
Total/NA	Prep	410.4			1 mL	1 mL	412521	09/19/22 12:50	ELS	EET PIT
Total/NA	Analysis	EPA 410.4		1	1 mL	1 mL	412558	09/19/22 17:55	ELS	EET PIT
Instrument ID: GENESYS10S										

Eurofins Savannah

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Client Sample ID: SWC-7

Lab Sample ID: 680-220434-7

Date Collected: 08/30/22 13:40

Matrix: Water

Date Received: 09/01/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411299	09/07/22 14:56	DOM	EET PIT
Total/NA	Prep	SM 4500 CN C			6 mL	6 mL	411554	09/09/22 14:15	CMR	EET PIT
Total/NA	Analysis	SM 4500CN E		1			411795	09/12/22 18:22	CMR	EET PIT
		Instrument ID: SEAL2								
Total/NA	Analysis	SM2320 B		1			412004	09/13/22 17:25	ELS	EET PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			411004	08/30/22 13:40	FDS	EET PIT
		Instrument ID: NOEQUIP								

Client Sample ID: SWC-8

Lab Sample ID: 680-220434-8

Date Collected: 08/30/22 14:55

Matrix: Water

Date Received: 09/01/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410955	09/03/22 04:35	M1D	EET PIT
		Instrument ID: INTEGRION								
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414527	10/08/22 17:02	RSK	EET PIT
		Instrument ID: DORY								
Total Recoverable	Prep	3005A			25 mL	25 mL	413001	09/23/22 11:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 10:07	RSK	EET PIT
		Instrument ID: DORY								
Total/NA	Prep	7470A			25 mL	25 mL	412348	09/16/22 16:05	HCY	EET PIT
Total/NA	Analysis	EPA 7470A		1			412640	09/20/22 12:54	RJR	EET PIT
		Instrument ID: HGY								
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	411299	09/07/22 14:56	DOM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			412004	09/13/22 17:18	ELS	EET PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			411004	08/30/22 14:55	FDS	EET PIT
		Instrument ID: NOEQUIP								

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22 *
California	State	2891	04-30-23
Connecticut	State	PH-0688	09-30-22 *
Florida	NELAP	E871008	10-23-22
Georgia	State	PA 02-00416	10-23-22
Illinois	NELAP	004375	10-23-22
Kansas	NELAP	E-10350	10-23-22
Kentucky (UST)	State	162013	04-30-23
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22 *
Louisiana (All)	NELAP	04041	10-23-22
Maine	State	PA00164	03-06-24
Minnesota	NELAP	042-999-482	10-23-22
New Hampshire	NELAP	2030	10-23-22
New Jersey	NELAP	PA005	10-23-22
New York	NELAP	11182	10-23-22
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	10-23-22
Oregon	NELAP	PA-2151	10-23-22
Pennsylvania	NELAP	02-00416	10-23-22
Rhode Island	State	LAO00362	12-31-22
South Carolina	State	89014	04-20-23
Texas	NELAP	T104704528	10-23-22
USDA	US Federal Programs	P330-16-00211	06-21-24
Utah	NELAP	PA001462019-8	10-23-22
Virginia	NELAP	10043	10-23-22
West Virginia DEP	State	142	10-23-22
Wisconsin	State	998027800	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Method Summary

Client: Southern Company
 Project/Site: Plant Scherer Surface Water

Job ID: 680-220434-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	EET PIT
EPA 6020B	Metals (ICP/MS)	SW846	EET PIT
EPA 7470A	Mercury (CVAA)	SW846	EET PIT
5310 C-2014	Total Organic Carbon/Persulfate - Ultrav	SM	EET PIT
EPA 410.4	COD	MCAWW	EET PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PIT
SM 4500CN E	Total Cyanide	SM	EET PIT
SM2320 B	Alkalinity, Total	SM18	EET PIT
Field Sampling	Field Sampling	EPA	EET PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET PIT
410.4	COD	MCAWW	EET PIT
7470A	Preparation, Mercury	SW846	EET PIT
SM 4500 CN C	Cyanide, Distillation	SM	EET PIT

Protocol References:

- EPA = US Environmental Protection Agency
- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058





1
10:30
80005
09 01

Environment Testing
America

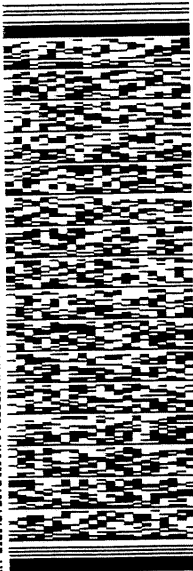
ORIGIN ID: LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 31AUG22
ACTWTG: 45.25 LB
CAD: 8591116/CAFE3616

BILL THIRD PARTY

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

REF: (412) 963-7068
TRK# 0201
DEPT:

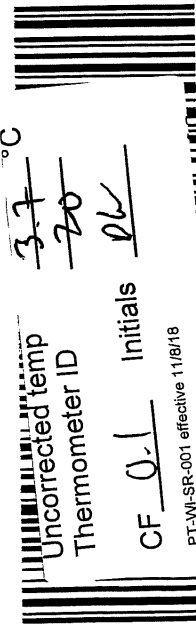


1 of 2
THU - 01 SEP 10:30A
PRIORITY OVERNIGHT

TRK# 5220 7120 8085
MASTER

NA AGCA

15238
PA-US
PIT



Uncorrected temp 37 °C
Thermometer ID 20
CF 0.1 Initials PK

PT-WI-SR-001 effective 11/8/18

Do not lift using this tag.

Part # 159469-434 MTW EXP 01/23



Environment Testing
TestAmerica

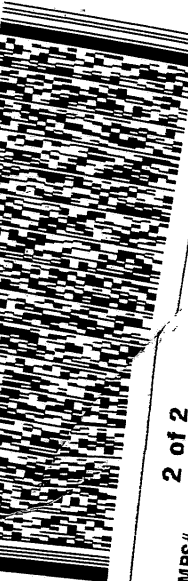
ORIGIN ID: LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 31AUG22
ACTWTG: 45.25 LB
CAD: 8591116/CAFE3616

BILL THIRD PARTY

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

REF: (412) 963-7068
TRK# 0263
DEPT:



2 of 2
MPS# 5220 7120 8096
Mstr# 5220 7120 8085

NA AGCA

Uncorrected temp 29 °C
Thermometer ID 20

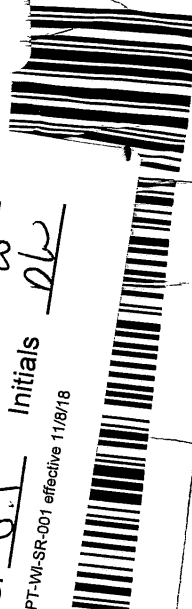
CF 0.1 Initials PK
PT-WI-SR-001 effective 11/8/18

THU - 01 SEP 10:30A
PRIORITY OVERNIGHT

680-220434 Waybill



PT-WI-SR-001 effective 11/8/18



- 1
- 2
- 3
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- 10
- 11
- 12

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412 963 7058 fax 412 963 2468

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact: **Joju Abraham**
 Southern Company
 241 Ralph McGill Blvd SE B10185
 Atlanta, GA 30308
 JAbraham@southernco.com
 Project Name: **Plant Scherer Surface Water**
 Site Georgia
 P O # GL166235022

Regulatory Program: DW NPDES RCRA Other:
 Project Manager: Dawn Prell
 Tel/Fax: 248-536-5445
 Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below _____
 2 weeks
 1 week
 2 days
 1 day

Date: 8/31/2022
 Carrier: **CONCRETE**
 COC No: _____ of _____ COCs
 Site Contact: Dawn Prell
 Lab Contact: David Fuller

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)					Perform MS/MSD (Y/N)					Cations: Na, Mg, K	Alkalinity (total, CO3, HCO3)	Cl, F, SO4, TDS	COB	TOC	Cyanide	Sample Specific Notes
						Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag	Tl, Vn, Zn	6020, 7470A: As, Ba, B, Be, Ca, Cd	020, 7470A: As, Ba, B, Be, Ca, Cd	Co, Cu, Pb, Hg, Ni, Sb, Se, Ag	Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag	Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag	Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag	Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag	Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag							
SWA-1	8/30/2022	10:40	G	WS	7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	pH = 7.89		
SWA-2	8/30/2022	15:40	G	WS	7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	pH = 7.29		
SWA-3	8/30/2022	15:18	G	WS	7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	pH = 7.23		
SWC-4	8/30/2022	12:15	G	WS	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	pH = 7.71		
SWC-5	8/30/2022	12:30	G	WS	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	pH = 7.27		
SWC-6	8/30/2022	13:58	G	WS	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	pH = 7.97		
SWC-7	8/30/2022	13:40	G	WS	7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	pH = 8.09		
SWC-8	8/30/2022	14:55	G	WS	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	pH = 7.31		



Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other
 Possible Hazard Identification: _____
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample
 Non-Hazard Flammable Skin Irritant Poison B Unknown
 Return to Client Disposal by Lab Archive for _____ Months

Relinquished by	Company	Custody Seal No	Date/Time	Relinquished by	Company	Cox Cooler Temp (°C)	Obs'd	Cor'd	Therm ID No
DIANE FURST	WSP-BALCON		08/31/22	MICHAEL GEMMILL	CONCRETE				8/31/22
Relinquished by	Company		Date/Time	Received by	Company				Date/Time
MICHAEL GEMMILL	CONCRETE		8/31/22	Received in Laboratory by	CONCRETE				8/31/22
Relinquished by	Company		Date/Time	Received in Laboratory by	Company				Date/Time
DIANE FURST	WSP-BALCON		16:01	Received in Laboratory by	CONCRETE				8/31/22



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-220434-1

Login Number: 220434

List Number: 2

Creator: Watson, Debbie

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	

ANALYTICAL REPORT

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-220435-1

Client Project/Site: CCR - Plant Scherer Effluent

For:

Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
10/17/2022 5:09:29 PM

David Fuller, Project Manager
(770)344-8986

David.Fuller@et.eurofinsus.com

LINKS

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results through



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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Qualifiers

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-220435-1	Effluent	Water	08/30/22 09:50	09/01/22 09:00

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Job ID: 680-220435-1

Laboratory: Eurofins Savannah

Narrative

**Job Narrative
680-220435-1**

Receipt

The sample was received on 9/1/2022 9:00 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.8°C and 3.6°C

Metals

Method 6020B: The following sample was diluted due to the nature of the sample matrix: Effluent (680-220435-1). Elevated reporting limits (RLs) are provided.

Method 7470A: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: Effluent (680-220435-1). The reporting limits (RLs) have been adjusted proportionately.

Method 7470A: The following sample was diluted to bring the concentration of target analytes within the calibration range: Effluent (680-220435-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.



Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Client Sample ID: Effluent
Date Collected: 08/30/22 09:50
Date Received: 09/01/22 09:00

Lab Sample ID: 680-220435-1
Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.052	B	0.020	0.0051	mg/L		09/15/22 18:41	09/30/22 17:47	1
Arsenic	0.28	B	0.010	0.0028	mg/L		09/15/22 18:41	09/28/22 18:55	1
Barium	1.0		0.10	0.031	mg/L		09/15/22 18:41	09/30/22 17:47	1
Beryllium	0.0027	J	0.025	0.0027	mg/L		09/15/22 18:41	09/30/22 17:47	1
Cadmium	0.17	B	0.025	0.0022	mg/L		09/15/22 18:41	09/28/22 18:55	1
Chromium	2.5		0.020	0.015	mg/L		09/15/22 18:41	09/28/22 18:55	1
Cobalt	0.028	B	0.025	0.0026	mg/L		09/15/22 18:41	09/28/22 18:55	1
Copper	0.67		0.020	0.011	mg/L		09/15/22 18:41	09/28/22 18:55	1
Lead	0.19	B	0.010	0.0017	mg/L		09/15/22 18:41	09/28/22 18:55	1
Nickel	1.0	B	0.010	0.0052	mg/L		09/15/22 18:41	09/28/22 18:55	1
Selenium	0.55		0.050	0.0074	mg/L		09/15/22 18:41	09/28/22 18:55	1
Silver	0.0098	J	0.010	0.0022	mg/L		09/15/22 18:41	09/28/22 18:55	1
Thallium	0.010		0.010	0.0047	mg/L		09/15/22 18:41	09/28/22 18:55	1
Vanadium	1.1		0.010	0.0078	mg/L		09/15/22 18:41	09/28/22 18:55	1
Zinc	2.9		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 13:43	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.020	0.013	mg/L		09/13/22 09:11	09/14/22 16:20	10

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-412210/1-A
Matrix: Water
Analysis Batch: 413574

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	0.000424	J	0.0010	0.00028	mg/L		09/15/22 18:41	09/28/22 18:26	1
Cadmium	0.000273	J	0.0025	0.00022	mg/L		09/15/22 18:41	09/28/22 18:26	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 18:41	09/28/22 18:26	1
Cobalt	0.000278	J	0.0025	0.00026	mg/L		09/15/22 18:41	09/28/22 18:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 18:41	09/28/22 18:26	1
Lead	0.000267	J	0.0010	0.00017	mg/L		09/15/22 18:41	09/28/22 18:26	1
Nickel	0.000534	J	0.0010	0.00052	mg/L		09/15/22 18:41	09/28/22 18:26	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 18:41	09/28/22 18:26	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 18:41	09/28/22 18:26	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 18:41	09/28/22 18:26	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 18:41	09/28/22 18:26	1

Lab Sample ID: MB 180-412210/1-A
Matrix: Water
Analysis Batch: 413813

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	0.000969	J	0.0020	0.00051	mg/L		09/15/22 18:41	09/30/22 17:07	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 18:41	09/30/22 17:07	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 18:41	09/30/22 17:07	1

Lab Sample ID: LCS 180-412210/2-A
Matrix: Water
Analysis Batch: 413574

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.500	0.515		mg/L		103	80 - 120
Chromium	0.500	0.510		mg/L		102	80 - 120
Cobalt	0.500	0.473		mg/L		95	80 - 120
Copper	0.500	0.464		mg/L		93	80 - 120
Lead	0.500	0.513		mg/L		103	80 - 120
Nickel	0.500	0.485		mg/L		97	80 - 120
Selenium	1.00	0.919		mg/L		92	80 - 120
Silver	0.250	0.253		mg/L		101	80 - 120
Thallium	1.00	0.969		mg/L		97	80 - 120
Vanadium	0.500	0.510		mg/L		102	80 - 120

Lab Sample ID: LCS 180-412210/2-A
Matrix: Water
Analysis Batch: 413813

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	1.00	0.988		mg/L		99	80 - 120
Beryllium	0.500	0.529		mg/L		106	80 - 120

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-143889-F-3-C MS
Matrix: Water
Analysis Batch: 413574

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	Sample	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result			Result	Qualifier				Limit	
Arsenic	0.0020	B	1.00	1.04		mg/L		104	75 - 125	
Cadmium	<0.00022		0.500	0.513		mg/L		103	75 - 125	
Chromium	<0.0015		0.500	0.508		mg/L		102	75 - 125	
Cobalt	<0.00026		0.500	0.482		mg/L		96	75 - 125	
Copper	<0.0011		0.500	0.454		mg/L		91	75 - 125	
Lead	<0.00017		0.500	0.521		mg/L		104	75 - 125	
Nickel	<0.00052		0.500	0.485		mg/L		97	75 - 125	
Selenium	<0.00074		1.00	0.979		mg/L		98	75 - 125	
Silver	<0.00022		0.250	0.251		mg/L		100	75 - 125	
Thallium	<0.00047		1.00	0.967		mg/L		97	75 - 125	
Vanadium	<0.00078		0.500	0.520		mg/L		104	75 - 125	

Lab Sample ID: 180-143889-F-3-C MS
Matrix: Water
Analysis Batch: 413813

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	Sample	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result			Result	Qualifier				Limit	
Antimony	0.00073	J B	0.250	0.290		mg/L		116	75 - 125	
Barium	0.012		1.00	1.17		mg/L		116	75 - 125	
Beryllium	<0.00027		0.500	0.532		mg/L		106	75 - 125	

Lab Sample ID: 180-143889-F-3-D MSD
Matrix: Water
Analysis Batch: 413574

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	Sample	Sample Qualifier	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result			Result	Qualifier				Limit		RPD	
Arsenic	0.0020	B	1.00	1.02		mg/L		102	75 - 125	2	20	
Cadmium	<0.00022		0.500	0.514		mg/L		103	75 - 125	0	20	
Chromium	<0.0015		0.500	0.503		mg/L		101	75 - 125	1	20	
Cobalt	<0.00026		0.500	0.480		mg/L		96	75 - 125	0	20	
Copper	<0.0011		0.500	0.449		mg/L		90	75 - 125	1	20	
Lead	<0.00017		0.500	0.515		mg/L		103	75 - 125	1	20	
Nickel	<0.00052		0.500	0.479		mg/L		96	75 - 125	1	20	
Selenium	<0.00074		1.00	0.969		mg/L		97	75 - 125	1	20	
Silver	<0.00022		0.250	0.251		mg/L		101	75 - 125	0	20	
Thallium	<0.00047		1.00	0.979		mg/L		98	75 - 125	1	20	
Vanadium	<0.00078		0.500	0.523		mg/L		105	75 - 125	1	20	

Lab Sample ID: 180-143889-F-3-D MSD
Matrix: Water
Analysis Batch: 413813

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 412210

Analyte	Sample	Sample Qualifier	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result			Result	Qualifier				Limit		RPD	
Antimony	0.00073	J B	0.250	0.287		mg/L		115	75 - 125	1	20	
Barium	0.012		1.00	0.989		mg/L		98	75 - 125	17	20	
Beryllium	<0.00027		0.500	0.502		mg/L		100	75 - 125	6	20	

Eurofins Savannah

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 180-414327/1-A
Matrix: Water
Analysis Batch: 414650

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 414327

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.0029		0.0050	0.0029	mg/L		10/06/22 12:30	10/09/22 13:13	1

Lab Sample ID: LCS 180-414327/2-A
Matrix: Water
Analysis Batch: 414650

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 414327

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.250	0.253		mg/L		101	80 - 120

Lab Sample ID: 680-220490-D-2-F MS
Matrix: Water
Analysis Batch: 414650

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 414327

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.0051		0.250	0.253		mg/L		99	75 - 125

Lab Sample ID: 680-220490-D-2-G MSD
Matrix: Water
Analysis Batch: 414650

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 414327

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	0.0051		0.250	0.260		mg/L		102	75 - 125	3	20

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-411841/1-A
Matrix: Water
Analysis Batch: 412058

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 411841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/13/22 09:11	09/14/22 15:44	1

Lab Sample ID: LCS 180-411841/2-A
Matrix: Water
Analysis Batch: 412058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 411841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00265		mg/L		106	80 - 120

Lab Sample ID: 180-143812-A-2-C MS
Matrix: Water
Analysis Batch: 412058

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 411841

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00013		0.00100	0.000980		mg/L		98	75 - 125

Eurofins Savannah

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Method: EPA 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 180-143812-A-2-D MSD
Matrix: Water
Analysis Batch: 412058

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 411841

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.00101		mg/L		101	75 - 125	3	20

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Metals

Prep Batch: 411841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220435-1	Effluent	Total/NA	Water	7470A	
MB 180-411841/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-411841/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-143812-A-2-C MS	Matrix Spike	Total/NA	Water	7470A	
180-143812-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 412058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220435-1	Effluent	Total/NA	Water	EPA 7470A	411841
MB 180-411841/1-A	Method Blank	Total/NA	Water	EPA 7470A	411841
LCS 180-411841/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	411841
180-143812-A-2-C MS	Matrix Spike	Total/NA	Water	EPA 7470A	411841
180-143812-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	411841

Prep Batch: 412210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220435-1	Effluent	Total Recoverable	Water	3005A	
MB 180-412210/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-412210/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-143889-F-3-C MS	Matrix Spike	Total Recoverable	Water	3005A	
180-143889-F-3-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 413574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220435-1	Effluent	Total Recoverable	Water	EPA 6020B	412210
MB 180-412210/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412210
LCS 180-412210/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412210
180-143889-F-3-C MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	412210
180-143889-F-3-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	412210

Analysis Batch: 413813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220435-1	Effluent	Total Recoverable	Water	EPA 6020B	412210
MB 180-412210/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412210
LCS 180-412210/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412210
180-143889-F-3-C MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	412210
180-143889-F-3-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	412210

Prep Batch: 414327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220435-1	Effluent	Total Recoverable	Water	3005A	
MB 180-414327/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-414327/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-220490-D-2-F MS	Matrix Spike	Total Recoverable	Water	3005A	
680-220490-D-2-G MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 414650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220435-1	Effluent	Total Recoverable	Water	EPA 6020B	414327
MB 180-414327/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	414327
LCS 180-414327/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	414327

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Metals (Continued)

Analysis Batch: 414650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220490-D-2-F MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	414327
680-220490-D-2-G MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	414327

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Client Sample ID: Effluent

Lab Sample ID: 680-220435-1

Date Collected: 08/30/22 09:50

Matrix: Water

Date Received: 09/01/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			2.5 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413813	09/30/22 17:47	RSK	EET PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	414327	10/06/22 12:30	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			414650	10/09/22 13:43	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			2.5 mL	25 mL	412210	09/15/22 18:41	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			413574	09/28/22 18:55	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			2.5 mL	25 mL	411841	09/13/22 09:11	RSR	EET PIT
Total/NA	Analysis	EPA 7470A		10			412058	09/14/22 16:20	SNR	EET PIT
Instrument ID: HGY										

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



Accreditation/Certification Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22 *
California	State	2891	04-30-23
Connecticut	State	PH-0688	09-30-22 *
Florida	NELAP	E871008	06-30-23
Georgia	State	PA 02-00416	04-30-23
Illinois	NELAP	004375	06-30-23
Kansas	NELAP	E-10350	03-31-23
Kentucky (UST)	State	162013	04-30-23
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22 *
Louisiana (All)	NELAP	04041	06-30-23
Maine	State	PA00164	03-06-24
Minnesota	NELAP	042-999-482	12-31-22
New Hampshire	NELAP	2030	04-04-23
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-01-23
North Carolina (WW/SW)	State	434	10-11-22
North Dakota	State	R-227	04-30-23
Oregon	NELAP	PA-2151	02-07-23
Pennsylvania	NELAP	02-00416	04-30-23
Rhode Island	State	LAO00362	12-31-22
South Carolina	State	89014	04-20-23
Texas	NELAP	T104704528	03-31-23
USDA	US Federal Programs	P330-16-00211	06-21-24
Utah	NELAP	PA001462019-8	05-31-23
Virginia	NELAP	10043	09-14-23
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-220435-1

Method	Method Description	Protocol	Laboratory
EPA 6020B	Metals (ICP/MS)	SW846	EET PIT
EPA 7470A	Mercury (CVAA)	SW846	EET PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET PIT
7470A	Preparation, Mercury	SW846	EET PIT

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058





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Environment Testing
TestAmerica

ORIGIN ID: LIYA (678) 966-9891
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
SUNNYSIDE AGENCY PARKWAY NW
SUITE 800
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 31AUG22
ACTWTG: 45.25 LB
CAD: 859116/CAFE3616

BILL THIRD PARTY

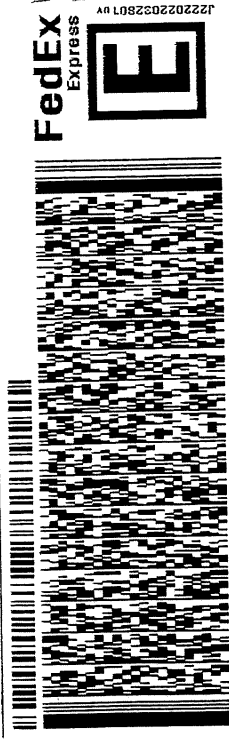
TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

REF:

(412) 963-7058

INU:

DEPT:

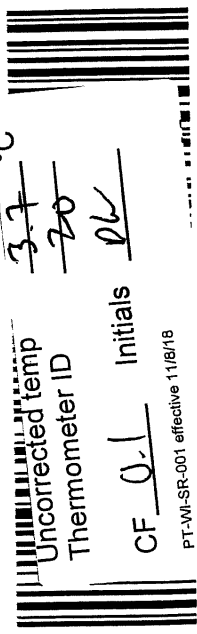


1 of 2
TRK# 5220 7120 8085
MASTER

THU - 01 SEP 10:30A
PRIORITY OVERNIGHT

NA AGCA

15238
PA-US
PIT



Uncorrected temp
Thermometer ID
CF 0.1 Initials DL

37 °C

20

PT-WI-SR-001 effective 11/8/18

Do not lift using this tag.



Environment Testing
TestAmerica

ORIGIN ID: LIYA* (678) 966-9891
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
SUNNYSIDE AGENCY PARKWAY NW
SUITE 800
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 31AUG22
ACTWTG: 45.25 LB
CAD: 859116/CAFE3616

BILL THIRD PARTY

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

REF:

(412) 963-7058

INU:

DEPT:



2 of 2
MPS# 5220 7120 8096
Mstr# 5220 7120 8085

THU - 01 SEP 10:30A
PRIORITY OVERNIGHT

NA AGCA

Uncorrected temp
Thermometer ID
CF 0.1 Initials DL

15238

PA-US
PIT

PT-WI-SR-001 effective 11/8/18



680-220435 Waybill

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TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412 963 7058 fax 412 963 2468

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact
 Joju Abraham
 Southern Company
 241 Ralph McGill Blvd SE B10185
 Atlanta, GA 30308
 JAbraham@southernco.com
Project Name: CCR - Plant Scherer Effluent
 Site Georgia
 P O # GL166235022


Project Manager: Dawn Prell
 Tel/Fax: 248-536-5445

Site Contact: Dawn Prell
Lab Contact: David Fuller

Date: 8/31/22
 Carrier: *Constance*

COC No
 ___ of ___ COCs

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below _____
 2 weeks
 1 week
 2 days
 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Ni, Se, Ag, Tl, Vn, Zn	X	Sample Specific Notes
Effluent	8/30/2022	9:50	G	WW	2					
 680-220435 Chain of Custody										
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other										
Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample										

Special Instructions/QC Requirements & Comments:

Non-hazard Flammable Skin Irritant Poison B Unknown Return to Client Disposal by Lab Archive for _____ Months

Relinquished by: *WSP - 10/10/22* Date/Time: *08/31/22*
Relinquished by: *Constance* Date/Time: *8/31/22 11:00*
Relinquished by: *Constance* Date/Time: *8/31/22 11:00*

Custody Seal No
 Company: *WSP - 10/10/22* Date/Time: *08/31/22*
 Company: *Constance* Date/Time: *8/31/22 11:00*
 Company: *Constance* Date/Time: *8/31/22 11:00*

Received by: *Michelle Giffman* Date/Time: *8/31/22 8 AM*
Received by: *Michelle Giffman* Date/Time: *8/31/22 11:00*
Received in Laboratory by: *DW* Date/Time: *8/31/22 11:00*

Therm ID No _____ Cooler Temp (°C) Obs'd _____
 Company: *Constance* Date/Time: *8/31/22 8 AM*
 Company: *Constance* Date/Time: *8/31/22 11:00*
 Company: *Constance* Date/Time: *8/31/22 11:00*

Form No. CA-C-WI-002, Rev. 4.20, dated 2/28/2019



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-220435-1

Login Number: 220435

List Number: 2

Creator: Watson, Debbie

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B

**Analytical Results
October 2022**



ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta Georgia 30308

Generated 11/20/2022 6:19:51 PM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Surface Water Resample 10-2022

JOB NUMBER

680-224244-1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Surface Water Resample
10-2022

Job ID: 680-224244-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Surface Water Resample
10-2022

Job ID: 680-224244-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-224244-1	SWA-1	Water	10/26/22 13:00	10/28/22 09:15
680-224244-2	SWA-2	Water	10/26/22 10:10	10/28/22 09:15
680-224244-3	SWC-4	Water	10/26/22 12:45	10/28/22 09:15
680-224244-4	SWC-5	Water	10/26/22 10:50	10/28/22 09:15
680-224244-5	SWC-6	Water	10/26/22 11:55	10/28/22 09:15
680-224244-6	SWC-7	Water	10/26/22 12:05	10/28/22 09:15

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Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer Surface Water Resample 10-202

Job ID: 680-224244-1

Job ID: 680-224244-1

Laboratory: Eurofins Savannah

Narrative

**Job Narrative
680-224244-1**

Revision 1

The report being provided is a revision of the original report sent on 11/15/2022. The report (revision 1) is being revised in order to correct the 3rd Client Sample ID on the Chain of Custody to a SWC prefix.

Receipt

The samples were received on 10/28/2022 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.0° C and 3.0° C.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Surface Water Resample
 10-2022

Job ID: 680-224244-1

Client Sample ID: SWA-1

Lab Sample ID: 680-224244-1

Date Collected: 10/26/22 13:00

Matrix: Water

Date Received: 10/28/22 09:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad (SM 5310 C-2014)	4.7		1.0	0.51	mg/L			11/02/22 05:45	1
Total Dissolved Solids (SM 2540C)	310		10	10	mg/L			11/02/22 13:42	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	73		5.0	5.0	mg/L			11/01/22 15:29	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	49		5.0	5.0	mg/L			11/01/22 15:29	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	25		5.0	5.0	mg/L			11/01/22 15:29	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.00				SU			10/26/22 13:00	1

Client Sample ID: SWA-2

Lab Sample ID: 680-224244-2

Date Collected: 10/26/22 10:10

Matrix: Water

Date Received: 10/28/22 09:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad (SM 5310 C-2014)	2.0		1.0	0.51	mg/L			11/01/22 22:06	1
Total Dissolved Solids (SM 2540C)	450		10	10	mg/L			11/02/22 13:42	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	55		5.0	5.0	mg/L			11/01/22 15:34	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	55		5.0	5.0	mg/L			11/01/22 15:34	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 15:34	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.33				SU			10/26/22 10:10	1

Client Sample ID: SWC-4

Lab Sample ID: 680-224244-3

Date Collected: 10/26/22 12:45

Matrix: Water

Date Received: 10/28/22 09:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	240		10	10	mg/L			11/02/22 16:00	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	63		5.0	5.0	mg/L			11/01/22 15:39	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	63		5.0	5.0	mg/L			11/01/22 15:39	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 15:39	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.45				SU			10/26/22 12:45	1

Eurofins Savannah

Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Surface Water Resample
 10-2022

Job ID: 680-224244-1

Client Sample ID: SWC-5

Lab Sample ID: 680-224244-4

Date Collected: 10/26/22 10:50

Matrix: Water

Date Received: 10/28/22 09:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	180		10	10	mg/L			11/02/22 16:00	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	100		5.0	5.0	mg/L			11/01/22 15:45	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	100		5.0	5.0	mg/L			11/01/22 15:45	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 15:45	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.17				SU			10/26/22 10:50	1

Client Sample ID: SWC-6

Lab Sample ID: 680-224244-5

Date Collected: 10/26/22 11:55

Matrix: Water

Date Received: 10/28/22 09:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110		10	10	mg/L			11/02/22 15:10	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.41				SU			10/26/22 11:55	1

Client Sample ID: SWC-7

Lab Sample ID: 680-224244-6

Date Collected: 10/26/22 12:05

Matrix: Water

Date Received: 10/28/22 09:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad (SM 5310 C-2014)	3.3		1.0	0.51	mg/L			11/01/22 22:54	1
Total Dissolved Solids (SM 2540C)	230		10	10	mg/L			11/02/22 16:00	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.48				SU			10/26/22 12:05	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Surface Water Resample
 10-2022

Job ID: 680-224244-1

Method: 5310 C-2014 - Total Organic Carbon/Persulfate - Ultrav

Lab Sample ID: MB 180-416973/5
Matrix: Water
Analysis Batch: 416973

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad	<0.51		1.0	0.51	mg/L			11/01/22 21:40	1

Lab Sample ID: LCS 180-416973/4
Matrix: Water
Analysis Batch: 416973

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Quad	20.0	21.9		mg/L		110	85 - 115

Lab Sample ID: 180-146683-E-2 MSD
Matrix: Water
Analysis Batch: 416973

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon - Quad	4.0		10.0	14.1		mg/L		101	85 - 115	3	20

Lab Sample ID: 680-224244-2 MS
Matrix: Water
Analysis Batch: 416973

Client Sample ID: SWA-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Quad	2.0		10.0	12.1		mg/L		102	85 - 115

Lab Sample ID: 680-224244-6 DU
Matrix: Water
Analysis Batch: 416973

Client Sample ID: SWC-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon - Quad	3.3			3.33		mg/L				0.7	15

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-417052/1
Matrix: Water
Analysis Batch: 417052

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			11/02/22 13:42	1

Lab Sample ID: LCS 180-417052/2
Matrix: Water
Analysis Batch: 417052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	388	388		mg/L		100	85 - 115

Eurofins Savannah

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Surface Water Resample
 10-2022

Job ID: 680-224244-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 180-147045-C-2 DU
Matrix: Water
Analysis Batch: 417052

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2700		2570		mg/L		5	10

Lab Sample ID: MB 180-417072/1
Matrix: Water
Analysis Batch: 417072

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			11/02/22 15:10	1

Lab Sample ID: LCS 180-417072/2
Matrix: Water
Analysis Batch: 417072

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	388	370		mg/L		95	85 - 115

Lab Sample ID: 680-224200-A-2 DU
Matrix: Water
Analysis Batch: 417072

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	310		301		mg/L		3	10

Lab Sample ID: MB 180-417079/1
Matrix: Water
Analysis Batch: 417079

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			11/02/22 16:00	1

Lab Sample ID: LCS 180-417079/2
Matrix: Water
Analysis Batch: 417079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	388	342		mg/L		88	85 - 115

Lab Sample ID: 680-224244-3 DU
Matrix: Water
Analysis Batch: 417079

Client Sample ID: SWC-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	240		243		mg/L		0.4	10

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Surface Water Resample
 10-2022

Job ID: 680-224244-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 680-224244-6 DU
 Matrix: Water
 Analysis Batch: 417079

Client Sample ID: SWC-7
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	230		241		mg/L		NC	10

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-416992/29
 Matrix: Water
 Analysis Batch: 416992

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			11/01/22 15:11	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			11/01/22 15:11	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			11/01/22 15:11	1

Lab Sample ID: MB 180-416992/5
 Matrix: Water
 Analysis Batch: 416992

Client Sample ID: Method Blank
 Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			11/01/22 13:16	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			11/01/22 13:16	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			11/01/22 13:16	1

Lab Sample ID: LCS 180-416992/28
 Matrix: Water
 Analysis Batch: 416992

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	240		mg/L		96	90 - 110

Lab Sample ID: LLCS 180-416992/27
 Matrix: Water
 Analysis Batch: 416992

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.0	13.8		mg/L		92	75 - 125

Lab Sample ID: 680-224207-A-2 DU
 Matrix: Water
 Analysis Batch: 416992

Client Sample ID: Duplicate
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Alkalinity as CaCO3 to pH 4.5	72		71.6		mg/L		1	20
Bicarbonate Alkalinity as CaCO3	72		71.6		mg/L		1	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

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QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Surface Water Resample
 10-2022

Job ID: 680-224244-1

General Chemistry

Analysis Batch: 416973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224244-1	SWA-1	Total/NA	Water	5310 C-2014	
680-224244-2	SWA-2	Total/NA	Water	5310 C-2014	
680-224244-6	SWC-7	Total/NA	Water	5310 C-2014	
MB 180-416973/5	Method Blank	Total/NA	Water	5310 C-2014	
LCS 180-416973/4	Lab Control Sample	Total/NA	Water	5310 C-2014	
180-146683-E-2 MSD	Matrix Spike Duplicate	Total/NA	Water	5310 C-2014	
680-224244-2 MS	SWA-2	Total/NA	Water	5310 C-2014	
680-224244-6 DU	SWC-7	Total/NA	Water	5310 C-2014	

Analysis Batch: 416992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224244-1	SWA-1	Total/NA	Water	SM2320 B	
680-224244-2	SWA-2	Total/NA	Water	SM2320 B	
680-224244-3	SWC-4	Total/NA	Water	SM2320 B	
680-224244-4	SWC-5	Total/NA	Water	SM2320 B	
MB 180-416992/29	Method Blank	Total/NA	Water	SM2320 B	
MB 180-416992/5	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-416992/28	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-416992/27	Lab Control Sample	Total/NA	Water	SM2320 B	
680-224207-A-2 DU	Duplicate	Total/NA	Water	SM2320 B	

Analysis Batch: 417052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224244-1	SWA-1	Total/NA	Water	SM 2540C	
680-224244-2	SWA-2	Total/NA	Water	SM 2540C	
MB 180-417052/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-417052/2	Lab Control Sample	Total/NA	Water	SM 2540C	
180-147045-C-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 417072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224244-5	SWC-6	Total/NA	Water	SM 2540C	
MB 180-417072/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-417072/2	Lab Control Sample	Total/NA	Water	SM 2540C	
680-224200-A-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 417079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224244-3	SWC-4	Total/NA	Water	SM 2540C	
680-224244-4	SWC-5	Total/NA	Water	SM 2540C	
680-224244-6	SWC-7	Total/NA	Water	SM 2540C	
MB 180-417079/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-417079/2	Lab Control Sample	Total/NA	Water	SM 2540C	
680-224244-3 DU	SWC-4	Total/NA	Water	SM 2540C	
680-224244-6 DU	SWC-7	Total/NA	Water	SM 2540C	

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Surface Water Resample
10-2022

Job ID: 680-224244-1

Field Service / Mobile Lab

Analysis Batch: 416766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224244-1	SWA-1	Total/NA	Water	Field Sampling	
680-224244-2	SWA-2	Total/NA	Water	Field Sampling	
680-224244-3	SWC-4	Total/NA	Water	Field Sampling	
680-224244-4	SWC-5	Total/NA	Water	Field Sampling	
680-224244-5	SWC-6	Total/NA	Water	Field Sampling	
680-224244-6	SWC-7	Total/NA	Water	Field Sampling	

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Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Surface Water Resample
10-2022

Job ID: 680-224244-1

Client Sample ID: SWA-1

Lab Sample ID: 680-224244-1

Date Collected: 10/26/22 13:00

Matrix: Water

Date Received: 10/28/22 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	5310 C-2014 Instrument ID: SAM		1	40 mL	40 mL	416973	11/02/22 05:45	LWM	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	417052	11/02/22 13:42	LWM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			416992	11/01/22 15:29	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			416766	10/26/22 13:00	FDS	EET PIT

Client Sample ID: SWA-2

Lab Sample ID: 680-224244-2

Date Collected: 10/26/22 10:10

Matrix: Water

Date Received: 10/28/22 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	5310 C-2014 Instrument ID: SAM		1	40 mL	40 mL	416973	11/01/22 22:06	LWM	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	417052	11/02/22 13:42	LWM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			416992	11/01/22 15:34	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			416766	10/26/22 10:10	FDS	EET PIT

Client Sample ID: SWC-4

Lab Sample ID: 680-224244-3

Date Collected: 10/26/22 12:45

Matrix: Water

Date Received: 10/28/22 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	417079	11/02/22 16:00	LWM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			416992	11/01/22 15:39	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			416766	10/26/22 12:45	FDS	EET PIT

Client Sample ID: SWC-5

Lab Sample ID: 680-224244-4

Date Collected: 10/26/22 10:50

Matrix: Water

Date Received: 10/28/22 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	417079	11/02/22 16:00	LWM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			416992	11/01/22 15:45	ELS	EET PIT

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Surface Water Resample
 10-2022

Job ID: 680-224244-1

Client Sample ID: SWC-5

Lab Sample ID: 680-224244-4

Date Collected: 10/26/22 10:50

Matrix: Water

Date Received: 10/28/22 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1			416766	10/26/22 10:50	FDS	EET PIT

Client Sample ID: SWC-6

Lab Sample ID: 680-224244-5

Date Collected: 10/26/22 11:55

Matrix: Water

Date Received: 10/28/22 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417072	11/02/22 15:10	LWM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			416766	10/26/22 11:55	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-7

Lab Sample ID: 680-224244-6

Date Collected: 10/26/22 12:05

Matrix: Water

Date Received: 10/28/22 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	5310 C-2014		1	40 mL	40 mL	416973	11/01/22 22:54	LWM	EET PIT
Instrument ID: SAM										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417079	11/02/22 16:00	LWM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			416766	10/26/22 12:05	FDS	EET PIT
Instrument ID: NOEQUIP										

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Surface Water Resample
 10-2022

Job ID: 680-224244-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22 *
California	State	2891	04-30-23
Connecticut	State	PH-0688	09-30-22 *
Florida	NELAP	E871008	11-15-22
Georgia	State	PA 02-00416	11-15-22
Illinois	NELAP	004375	11-15-22
Kansas	NELAP	E-10350	11-15-22
Kentucky (UST)	State	162013	04-30-23
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22 *
Louisiana (All)	NELAP	04041	11-15-22
Maine	State	PA00164	03-06-24
Minnesota	NELAP	042-999-482	11-15-22
New Hampshire	NELAP	2030	11-15-22
New Jersey	NELAP	PA005	11-15-22
New York	NELAP	11182	11-15-22
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	11-15-22
Oregon	NELAP	PA-2151	11-15-22
Pennsylvania	NELAP	02-00416	11-15-22
Rhode Island	State	LAO00362	12-31-22
South Carolina	State	89014	04-20-23
Texas	NELAP	T104704528	11-15-22
USDA	US Federal Programs	P330-16-00211	06-21-24
Utah	NELAP	PA001462019-8	11-15-22
Virginia	NELAP	10043	11-15-22
West Virginia DEP	State	142	11-15-22
Wisconsin	State	998027800	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Surface Water Resample
10-2022

Job ID: 680-224244-1

Method	Method Description	Protocol	Laboratory
5310 C-2014	Total Organic Carbon/Persulfate - Ultrav	SM	EET PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PIT
SM2320 B	Alkalinity, Total	SM18	EET PIT
Field Sampling	Field Sampling	EPA	EET PIT

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



Chain of Custody Record

TestAmerica Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238-2907
phone 412 963.7058 fax 412 963 2468

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact
Joju Abraham
Southern Company
241 Ralph McGill Blvd SE B10185
Atlanta, GA 30308
JAbraham@southernco.com
Project Name: CCR - Plant Scherer Surface Water Resample 10-2022
Site Georgia
PO# GL166235022

Project Manager: Dawn Prell
Tel/Fax: 248-536-5445

Site Contact: Dawn Prell
Lab Contact: David Fuller

Date: 10/27/2022
Carrier:

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below: 3-5 days
 2 weeks
 1 week
 2 days
 1 day

Sample Identification	Sample Date	Sample Time	Type (C=Comp, G=Grab)	Matrix	# of Cont.	Perform MS / MSD (Y / N)			2540C-Solids, Total Dissolved (TDS)			220B-Alkalinity, Total, Carb/Bicarb			5310-TOC-Duplicate	Sample Specific Notes
						Y	N		Y	N		Y	N			
SWA-1	10/26/2022	13:00	G	WS	4	N	N	X	X	X	X	X	X	pH=9.00		
SWA-2	10/26/2022	10:10	G	WS	4	N	N	X	X	X	X	X	X	pH=7.33		
SWC-4	10/26/2022	12:45	G	WS	2	N	N	X	X	X	X	X	X	pH=7.45		
SWC-5	10/26/2022	10:50	G	WS	2	N	N	X	X	X	X	X	X	pH=7.17		
SWC-6	10/26/2022	11:55	G	WS	1	N	N	X	X	X	X	X	X	pH=7.41		
SWC-7	10/26/2022	12:05	G	WS	4	N	N	X	X	X	X	X	X	pH=7.48 (3 TOC vials)		

244-ATLANTA

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample
 Non-Hazard Flammable Skin Irritant Poison B Unknown



Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for: _____ Months

Custody Seals Intact: Yes No

Relinquished by: [Signature] Company: [Blank]
Received by: [Signature] Company: [Blank]
Relinquished by: [Signature] Company: [Blank]
Received by: [Signature] Company: [Blank]

Date/Time: 10/27/2022 10:16
Date/Time: 10/27/2022 10:16
Date/Time: 10/28/2022 9:15

Cooler Temp (°C) Obs'd: _____
Therm ID No: _____



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-224244-1

Login Number: 224244

List Number: 2

Creator: Watson, Debbie

List Source: Eurofins Pittsburgh

List Creation: 10/28/22 06:10 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Eurofins Savannah

Job Notes

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Generated
11/20/2022 6:19:51 PM
Revision 1

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta Georgia 30308

JOB DESCRIPTION

GPC Plant Scherer Surface Water Resample

JOB NUMBER

680-224200-1

Definitions/Glossary

Client: Southern Company
Project/Site: GPC Plant Scherer Surface Water Resample

Job ID: 680-224200-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: GPC Plant Scherer Surface Water Resample

Job ID: 680-224200-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-224200-1	SWA-3	Water	10/25/22 15:55	10/27/22 10:30
680-224200-2	SWC-8	Water	10/25/22 16:15	10/27/22 10:30

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Case Narrative

Client: Southern Company
Project/Site: GPC Plant Scherer Surface Water Resample

Job ID: 680-224200-1

Job ID: 680-224200-1

Laboratory: Eurofins Savannah

Narrative

**Job Narrative
680-224200-1**

Receipt

The samples were received on 10/27/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

General Chemistry

Method 2540C_Calcd: All samples were prepared outside of preparation holding time due to insufficient available space in the hot block to process samples.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Southern Company
 Project/Site: GPC Plant Scherer Surface Water Resample

Job ID: 680-224200-1

Client Sample ID: SWA-3

Lab Sample ID: 680-224200-1

Date Collected: 10/25/22 15:55

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad (SM 5310 C-2014)	1.2		1.0	0.51	mg/L			11/09/22 09:18	1
Total Dissolved Solids (SM 2540C)	150	H	10	10	mg/L			11/02/22 16:00	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	43		5.0	5.0	mg/L			11/01/22 14:41	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	43		5.0	5.0	mg/L			11/01/22 14:41	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 14:41	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.86				SU			10/25/22 15:55	1

Client Sample ID: SWC-8

Lab Sample ID: 680-224200-2

Date Collected: 10/25/22 16:15

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	310	H	10	10	mg/L			11/02/22 15:10	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.93				SU			10/25/22 16:15	1

QC Sample Results

Client: Southern Company
 Project/Site: GPC Plant Scherer Surface Water Resample

Job ID: 680-224200-1

Method: 5310 C-2014 - Total Organic Carbon/Persulfate - Ultrav

Lab Sample ID: MB 180-417888/31
Matrix: Water
Analysis Batch: 417888

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad	<0.51		1.0	0.51	mg/L			11/09/22 15:05	1

Lab Sample ID: MB 180-417888/5
Matrix: Water
Analysis Batch: 417888

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Quad	<0.51		1.0	0.51	mg/L			11/09/22 02:00	1

Lab Sample ID: LCS 180-417888/30
Matrix: Water
Analysis Batch: 417888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Quad	20.0	20.2		mg/L		101	85 - 115

Lab Sample ID: LCS 180-417888/4
Matrix: Water
Analysis Batch: 417888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Quad	20.0	20.3		mg/L		101	85 - 115

Lab Sample ID: 180-147255-K-1 MS
Matrix: Water
Analysis Batch: 417888

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Quad	<0.51		10.0	10.2		mg/L		102	85 - 115

Lab Sample ID: 180-147443-B-3 MSD
Matrix: Water
Analysis Batch: 417888

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon - Quad	7.2	F1 F2	10.0	7.98	F1 F2	mg/L		8	85 - 115	73	20

Lab Sample ID: 180-147255-L-2 DU
Matrix: Water
Analysis Batch: 417888

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon - Quad	3.2		3.22		mg/L		0.7	15

QC Sample Results

Client: Southern Company
 Project/Site: GPC Plant Scherer Surface Water Resample

Job ID: 680-224200-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-417072/1
Matrix: Water
Analysis Batch: 417072

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			11/02/22 15:10	1

Lab Sample ID: LCS 180-417072/2
Matrix: Water
Analysis Batch: 417072

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	388	370		mg/L		95	85 - 115

Lab Sample ID: 680-224200-2 DU
Matrix: Water
Analysis Batch: 417072

Client Sample ID: SWC-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	310	H	301		mg/L		3	10

Lab Sample ID: MB 180-417079/1
Matrix: Water
Analysis Batch: 417079

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			11/02/22 16:00	1

Lab Sample ID: LCS 180-417079/2
Matrix: Water
Analysis Batch: 417079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	388	342		mg/L		88	85 - 115

Lab Sample ID: 680-224244-B-6 DU
Matrix: Water
Analysis Batch: 417079

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	230		241		mg/L		NC	10

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-416992/5
Matrix: Water
Analysis Batch: 416992

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			11/01/22 13:16	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			11/01/22 13:16	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			11/01/22 13:16	1

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QC Sample Results

Client: Southern Company
 Project/Site: GPC Plant Scherer Surface Water Resample

Job ID: 680-224200-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-416992/4
Matrix: Water
Analysis Batch: 416992

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	238		mg/L		95	90 - 110

Lab Sample ID: LLCS 180-416992/3
Matrix: Water
Analysis Batch: 416992

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.0	14.0		mg/L		94	75 - 125

Lab Sample ID: 680-224203-A-7 DU
Matrix: Water
Analysis Batch: 416992

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	43		42.4		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	43		42.4		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Association Summary

Client: Southern Company
 Project/Site: GPC Plant Scherer Surface Water Resample

Job ID: 680-224200-1

General Chemistry

Analysis Batch: 416992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224200-1	SWA-3	Total/NA	Water	SM2320 B	
MB 180-416992/5	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-416992/4	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-416992/3	Lab Control Sample	Total/NA	Water	SM2320 B	
680-224203-A-7 DU	Duplicate	Total/NA	Water	SM2320 B	

Analysis Batch: 417072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224200-2	SWC-8	Total/NA	Water	SM 2540C	
MB 180-417072/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-417072/2	Lab Control Sample	Total/NA	Water	SM 2540C	
680-224200-2 DU	SWC-8	Total/NA	Water	SM 2540C	

Analysis Batch: 417079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224200-1	SWA-3	Total/NA	Water	SM 2540C	
MB 180-417079/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-417079/2	Lab Control Sample	Total/NA	Water	SM 2540C	
680-224244-B-6 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 417888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224200-1	SWA-3	Total/NA	Water	5310 C-2014	
MB 180-417888/31	Method Blank	Total/NA	Water	5310 C-2014	
MB 180-417888/5	Method Blank	Total/NA	Water	5310 C-2014	
LCS 180-417888/30	Lab Control Sample	Total/NA	Water	5310 C-2014	
LCS 180-417888/4	Lab Control Sample	Total/NA	Water	5310 C-2014	
180-147255-K-1 MS	Matrix Spike	Total/NA	Water	5310 C-2014	
180-147443-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	5310 C-2014	
180-147255-L-2 DU	Duplicate	Total/NA	Water	5310 C-2014	

Field Service / Mobile Lab

Analysis Batch: 416759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224200-1	SWA-3	Total/NA	Water	Field Sampling	
680-224200-2	SWC-8	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Southern Company
 Project/Site: GPC Plant Scherer Surface Water Resample

Job ID: 680-224200-1

Client Sample ID: SWA-3
Date Collected: 10/25/22 15:55
Date Received: 10/27/22 10:30

Lab Sample ID: 680-224200-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	5310 C-2014 Instrument ID: SAM		1	40 mL	40 mL	417888	11/09/22 09:18	LWM	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	417079	11/02/22 16:00	LWM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			416992	11/01/22 14:41	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			416759	10/25/22 15:55	FDS	EET PIT

Client Sample ID: SWC-8
Date Collected: 10/25/22 16:15
Date Received: 10/27/22 10:30

Lab Sample ID: 680-224200-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	417072	11/02/22 15:10	LWM	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			416759	10/25/22 16:15	FDS	EET PIT

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: GPC Plant Scherer Surface Water Resample

Job ID: 680-224200-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22 *
California	State	2891	04-30-23
Connecticut	State	PH-0688	09-30-22 *
Florida	NELAP	E871008	06-30-23
Georgia	State	PA 02-00416	04-30-23
Illinois	NELAP	004375	06-30-23
Kansas	NELAP	E-10350	03-31-23
Kentucky (UST)	State	162013	04-30-23
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22 *
Louisiana (All)	NELAP	04041	06-30-23
Maine	State	PA00164	03-06-24
Minnesota	NELAP	042-999-482	12-31-22
New Hampshire	NELAP	2030	04-04-23
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-01-23
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	04-30-23
Oregon	NELAP	PA-2151	02-07-23
Pennsylvania	NELAP	02-00416	04-30-23
Rhode Island	State	LAO00362	12-31-22
South Carolina	State	89014	04-20-23
Texas	NELAP	T104704528	03-31-23
USDA	US Federal Programs	P330-16-00211	06-21-24
Utah	NELAP	PA001462019-8	05-31-23
Virginia	NELAP	10043	09-14-23
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Method Summary

Client: Southern Company
Project/Site: GPC Plant Scherer Surface Water Resample

Job ID: 680-224200-1

Method	Method Description	Protocol	Laboratory
5310 C-2014	Total Organic Carbon/Persulfate - Ultrav	SM	EET PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PIT
SM2320 B	Alkalinity, Total	SM18	EET PIT
Field Sampling	Field Sampling	EPA	EET PIT

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



TestAmerica Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238-2907
phone 412 963 7058 fax 412 963 2468

Chain of Custody Record
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other: Date: 10/26/2022
Project Manager: Dawn Prell
Tel/Fax: 248-536-5445
Site Contact: Dawn Prell
foc-Duplicate

Client Contact
Joju Abraham
Southern Company
241 Ralph McGill Blvd SE B10185
Atlanta, GA 30308
JAbraham@southernco.com
Project Name: CCR - Plant Scherer Surface Water Resample 10-202
Site Georgia
PO#: GL166235022

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below 3-5 days
 2 weeks
 1 week
 2 days
 1 day

Sample Date Sample Time Type (C=Comp, G=Grab) Matrix # of Cont.

Sample Identification	Sample Date	Sample Time	Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	2540C-Solids, Total Dissolved (TDS)	2320B-Alkalinity, Total Carb/BiCarb	5310-TOC-Duplicate	Carrier	COC No.
SWA-3	10/25/2022	15 55	G	WS	4	N	N	X	X	X		1__ of 1__ COCs
SWC-8	10/25/2022	16 15	G	WS	1	N	N	X				pH=6.86
												pH=6.93



Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample
 Non-Hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Custody Seal No
Relinquished by: [Signature] (C. Tipril) Yes No
Relinquished by: [Signature] (C. Tipril) Date/Time: 10/26/22 10:30
Relinquished by: [Signature] Date/Time: 10/26/22 10:30
Relinquished by: [Signature] Date/Time: 10/26/22 10:30

Received by: [Signature] Company: [Signature]
Received by: [Signature] Company: [Signature]
Received in Laboratory by: [Signature] Company: [Signature]

Cooler Temp (°C) Obs'd: _____ Corrd _____ Therm ID No _____



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-224200-1

Login Number: 224200

List Number: 2

Creator: Watson, Debbie

List Source: Eurofins Pittsburgh

List Creation: 10/28/22 02:55 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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Job Notes

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the {0} Project Manager.

Authorization



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11/15/2022 6:28:47 AM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta Georgia 30308

Generated 11/20/2022 5:41:28 PM Revision 1

JOB DESCRIPTION

GPC Plant Scherer PAC Ash Resample 10-2022

JOB NUMBER

680-224203-1

Definitions/Glossary

Client: Southern Company
Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-224203-1	GWC-29	Water	10/25/22 12:05	10/27/22 10:30
680-224203-2	GWA-45	Water	10/25/22 15:25	10/27/22 10:30
680-224203-3	GWA-46	Water	10/25/22 14:43	10/27/22 10:30
680-224203-4	GWA-47	Water	10/25/22 14:00	10/27/22 10:30
680-224203-5	GWA-48	Water	10/25/22 13:15	10/27/22 10:30
680-224203-6	GWA-49	Water	10/25/22 12:20	10/27/22 10:30
680-224203-7	GWC-50	Water	10/25/22 11:00	10/27/22 10:30
680-224203-8	GWC-51	Water	10/25/22 15:00	10/27/22 10:30
680-224203-9	GWC-52	Water	10/25/22 13:00	10/27/22 10:30
680-224203-10	GWC-53	Water	10/25/22 14:05	10/27/22 10:30
680-224203-11	DUP-6	Water	10/25/22 00:00	10/27/22 10:30
680-224203-12	EB-6	Water	10/25/22 15:40	10/27/22 10:30
680-224203-13	FB-6	Water	10/25/22 14:10	10/27/22 10:30

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Case Narrative

Client: Southern Company
Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Job ID: 680-224203-1

Laboratory: Eurofins Savannah

Narrative

**Job Narrative
680-224203-1**

Revision 1

The report being provided is a revision of the original report sent on 11/15/2022. The report (revision 1) is being revised in order to correct the 2nd through 6th Client Sample IDs to a GWA prefix.

Receipt

The samples were received on 10/27/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

General Chemistry

Method 2540C_Calcd: All samples for TDS were analyzed outside of analytical holding time due to insufficient available hot blocks for sample preparation.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.



Client Sample Results

Client: Southern Company
 Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Client Sample ID: GWC-29

Lab Sample ID: 680-224203-1

Date Collected: 10/25/22 12:05

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110	H	10	10	mg/L			11/02/22 15:10	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	92		5.0	5.0	mg/L			11/01/22 13:20	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	92		5.0	5.0	mg/L			11/01/22 13:20	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 13:20	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.21				SU			10/25/22 12:05	1

Client Sample ID: GWA-45

Lab Sample ID: 680-224203-2

Date Collected: 10/25/22 15:25

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	310	H	10	10	mg/L			11/02/22 15:10	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	23		5.0	5.0	mg/L			11/01/22 13:31	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	23		5.0	5.0	mg/L			11/01/22 13:31	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 13:31	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.99				SU			10/25/22 15:25	1

Client Sample ID: GWA-46

Lab Sample ID: 680-224203-3

Date Collected: 10/25/22 14:43

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	55	H	10	10	mg/L			11/02/22 15:10	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	31		5.0	5.0	mg/L			11/01/22 13:35	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	31		5.0	5.0	mg/L			11/01/22 13:35	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 13:35	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.88				SU			10/25/22 14:43	1

Eurofins Savannah

Client Sample Results

Client: Southern Company
 Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Client Sample ID: GWA-47

Lab Sample ID: 680-224203-4

Date Collected: 10/25/22 14:00

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	89	H	10	10	mg/L			11/02/22 15:10	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	67		5.0	5.0	mg/L			11/01/22 13:40	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	67		5.0	5.0	mg/L			11/01/22 13:40	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 13:40	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.48				SU			10/25/22 14:00	1

Client Sample ID: GWA-48

Lab Sample ID: 680-224203-5

Date Collected: 10/25/22 13:15

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	95	H	10	10	mg/L			11/02/22 15:10	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	61		5.0	5.0	mg/L			11/01/22 13:45	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	61		5.0	5.0	mg/L			11/01/22 13:45	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 13:45	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.81				SU			10/25/22 13:15	1

Client Sample ID: GWA-49

Lab Sample ID: 680-224203-6

Date Collected: 10/25/22 12:20

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	120	H	10	10	mg/L			11/02/22 16:00	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	75		5.0	5.0	mg/L			11/01/22 13:51	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	75		5.0	5.0	mg/L			11/01/22 13:51	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 13:51	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.96				SU			10/25/22 12:20	1

Eurofins Savannah

Client Sample Results

Client: Southern Company
 Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Client Sample ID: GWC-50

Lab Sample ID: 680-224203-7

Date Collected: 10/25/22 11:00

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	65	H	10	10	mg/L			11/02/22 16:00	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	43		5.0	5.0	mg/L			11/01/22 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	43		5.0	5.0	mg/L			11/01/22 14:05	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 14:05	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.89				SU			10/25/22 11:00	1

Client Sample ID: GWC-51

Lab Sample ID: 680-224203-8

Date Collected: 10/25/22 15:00

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	78	H	10	10	mg/L			11/02/22 16:00	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	37		5.0	5.0	mg/L			11/01/22 14:15	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	37		5.0	5.0	mg/L			11/01/22 14:15	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 14:15	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.94				SU			10/25/22 15:00	1

Client Sample ID: GWC-52

Lab Sample ID: 680-224203-9

Date Collected: 10/25/22 13:00

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	190	H	10	10	mg/L			11/02/22 16:00	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	44		5.0	5.0	mg/L			11/01/22 14:19	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	44		5.0	5.0	mg/L			11/01/22 14:19	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 14:19	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.65				SU			10/25/22 13:00	1

Eurofins Savannah

Client Sample Results

Client: Southern Company
 Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Client Sample ID: GWC-53

Lab Sample ID: 680-224203-10

Date Collected: 10/25/22 14:05

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	280	H	10	10	mg/L			11/02/22 16:00	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	9.1		5.0	5.0	mg/L			11/01/22 14:24	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	9.1		5.0	5.0	mg/L			11/01/22 14:24	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 14:24	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.64				SU			10/25/22 14:05	1

Client Sample ID: DUP-6

Lab Sample ID: 680-224203-11

Date Collected: 10/25/22 00:00

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	180	H	10	10	mg/L			11/02/22 16:00	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	45		5.0	5.0	mg/L			11/01/22 14:29	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	45		5.0	5.0	mg/L			11/01/22 14:29	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 14:29	1

Client Sample ID: EB-6

Lab Sample ID: 680-224203-12

Date Collected: 10/25/22 15:40

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	<10	H	10	10	mg/L			11/02/22 16:00	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 14:34	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 14:34	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 14:34	1

Client Sample ID: FB-6

Lab Sample ID: 680-224203-13

Date Collected: 10/25/22 14:10

Matrix: Water

Date Received: 10/27/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110	H	10	10	mg/L			11/02/22 13:42	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 14:37	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 14:37	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			11/01/22 14:37	1

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QC Sample Results

Client: Southern Company
 Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-417052/1
Matrix: Water
Analysis Batch: 417052

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			11/02/22 13:42	1

Lab Sample ID: LCS 180-417052/2
Matrix: Water
Analysis Batch: 417052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	388	388		mg/L		100	85 - 115

Lab Sample ID: 180-147045-C-2 DU
Matrix: Water
Analysis Batch: 417052

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2700		2570		mg/L		5	10

Lab Sample ID: MB 180-417072/1
Matrix: Water
Analysis Batch: 417072

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			11/02/22 15:10	1

Lab Sample ID: LCS 180-417072/2
Matrix: Water
Analysis Batch: 417072

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	388	370		mg/L		95	85 - 115

Lab Sample ID: 180-146961-B-1 DU
Matrix: Water
Analysis Batch: 417072

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	640		638		mg/L		NC	10

Lab Sample ID: MB 180-417079/1
Matrix: Water
Analysis Batch: 417079

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			11/02/22 16:00	1

Lab Sample ID: LCS 180-417079/2
Matrix: Water
Analysis Batch: 417079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	388	342		mg/L		88	85 - 115

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QC Sample Results

Client: Southern Company
 Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: 680-224244-B-3 DU
Matrix: Water
Analysis Batch: 417079

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	240		243		mg/L		0.4	10

Lab Sample ID: 680-224244-B-6 DU
Matrix: Water
Analysis Batch: 417079

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	230		241		mg/L		NC	10

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-416992/5
Matrix: Water
Analysis Batch: 416992

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			11/01/22 13:16	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			11/01/22 13:16	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			11/01/22 13:16	1

Lab Sample ID: LCS 180-416992/4
Matrix: Water
Analysis Batch: 416992

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	238		mg/L		95	90 - 110

Lab Sample ID: LLCS 180-416992/3
Matrix: Water
Analysis Batch: 416992

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.0	14.0		mg/L		94	75 - 125

Lab Sample ID: 680-224203-1 DU
Matrix: Water
Analysis Batch: 416992

Client Sample ID: GWC-29
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	92		86.6		mg/L		6	20
Bicarbonate Alkalinity as CaCO3	92		86.6		mg/L		6	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Sample Results

Client: Southern Company
 Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: 680-224203-7 DU
Matrix: Water
Analysis Batch: 416992

Client Sample ID: GWC-50
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU	DU	Unit	D	RPD	RPD Limit
			Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	43		42.4		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	43		42.4		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

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QC Association Summary

Client: Southern Company
 Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

General Chemistry

Analysis Batch: 416992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224203-1	GWC-29	Total/NA	Water	SM2320 B	
680-224203-2	GWA-45	Total/NA	Water	SM2320 B	
680-224203-3	GWA-46	Total/NA	Water	SM2320 B	
680-224203-4	GWA-47	Total/NA	Water	SM2320 B	
680-224203-5	GWA-48	Total/NA	Water	SM2320 B	
680-224203-6	GWA-49	Total/NA	Water	SM2320 B	
680-224203-7	GWC-50	Total/NA	Water	SM2320 B	
680-224203-8	GWC-51	Total/NA	Water	SM2320 B	
680-224203-9	GWC-52	Total/NA	Water	SM2320 B	
680-224203-10	GWC-53	Total/NA	Water	SM2320 B	
680-224203-11	DUP-6	Total/NA	Water	SM2320 B	
680-224203-12	EB-6	Total/NA	Water	SM2320 B	
680-224203-13	FB-6	Total/NA	Water	SM2320 B	
MB 180-416992/5	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-416992/4	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-416992/3	Lab Control Sample	Total/NA	Water	SM2320 B	
680-224203-1 DU	GWC-29	Total/NA	Water	SM2320 B	
680-224203-7 DU	GWC-50	Total/NA	Water	SM2320 B	

Analysis Batch: 417052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224203-13	FB-6	Total/NA	Water	SM 2540C	
MB 180-417052/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-417052/2	Lab Control Sample	Total/NA	Water	SM 2540C	
180-147045-C-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 417072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224203-1	GWC-29	Total/NA	Water	SM 2540C	
680-224203-2	GWA-45	Total/NA	Water	SM 2540C	
680-224203-3	GWA-46	Total/NA	Water	SM 2540C	
680-224203-4	GWA-47	Total/NA	Water	SM 2540C	
680-224203-5	GWA-48	Total/NA	Water	SM 2540C	
MB 180-417072/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-417072/2	Lab Control Sample	Total/NA	Water	SM 2540C	
180-146961-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 417079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224203-6	GWA-49	Total/NA	Water	SM 2540C	
680-224203-7	GWC-50	Total/NA	Water	SM 2540C	
680-224203-8	GWC-51	Total/NA	Water	SM 2540C	
680-224203-9	GWC-52	Total/NA	Water	SM 2540C	
680-224203-10	GWC-53	Total/NA	Water	SM 2540C	
680-224203-11	DUP-6	Total/NA	Water	SM 2540C	
680-224203-12	EB-6	Total/NA	Water	SM 2540C	
MB 180-417079/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-417079/2	Lab Control Sample	Total/NA	Water	SM 2540C	
680-224244-B-3 DU	Duplicate	Total/NA	Water	SM 2540C	
680-224244-B-6 DU	Duplicate	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Southern Company
Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Field Service / Mobile Lab

Analysis Batch: 416759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224203-1	GWC-29	Total/NA	Water	Field Sampling	
680-224203-2	GWA-45	Total/NA	Water	Field Sampling	
680-224203-3	GWA-46	Total/NA	Water	Field Sampling	
680-224203-4	GWA-47	Total/NA	Water	Field Sampling	
680-224203-5	GWA-48	Total/NA	Water	Field Sampling	
680-224203-6	GWA-49	Total/NA	Water	Field Sampling	
680-224203-7	GWC-50	Total/NA	Water	Field Sampling	
680-224203-8	GWC-51	Total/NA	Water	Field Sampling	
680-224203-9	GWC-52	Total/NA	Water	Field Sampling	
680-224203-10	GWC-53	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Southern Company
 Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Client Sample ID: GWC-29

Lab Sample ID: 680-224203-1

Date Collected: 10/25/22 12:05

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417072	11/02/22 15:10	LWM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 13:20	ELS	EET PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			416759	10/25/22 12:05	FDS	EET PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWA-45

Lab Sample ID: 680-224203-2

Date Collected: 10/25/22 15:25

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417072	11/02/22 15:10	LWM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 13:31	ELS	EET PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			416759	10/25/22 15:25	FDS	EET PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWA-46

Lab Sample ID: 680-224203-3

Date Collected: 10/25/22 14:43

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417072	11/02/22 15:10	LWM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 13:35	ELS	EET PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			416759	10/25/22 14:43	FDS	EET PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWA-47

Lab Sample ID: 680-224203-4

Date Collected: 10/25/22 14:00

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417072	11/02/22 15:10	LWM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 13:40	ELS	EET PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			416759	10/25/22 14:00	FDS	EET PIT
		Instrument ID: NOEQUIP								

Lab Chronicle

Client: Southern Company
Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Client Sample ID: GWA-48

Date Collected: 10/25/22 13:15

Date Received: 10/27/22 10:30

Lab Sample ID: 680-224203-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417072	11/02/22 15:10	LWM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 13:45	ELS	EET PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			416759	10/25/22 13:15	FDS	EET PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWA-49

Date Collected: 10/25/22 12:20

Date Received: 10/27/22 10:30

Lab Sample ID: 680-224203-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417079	11/02/22 16:00	LWM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 13:51	ELS	EET PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			416759	10/25/22 12:20	FDS	EET PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWC-50

Date Collected: 10/25/22 11:00

Date Received: 10/27/22 10:30

Lab Sample ID: 680-224203-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417079	11/02/22 16:00	LWM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 14:05	ELS	EET PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			416759	10/25/22 11:00	FDS	EET PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWC-51

Date Collected: 10/25/22 15:00

Date Received: 10/27/22 10:30

Lab Sample ID: 680-224203-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417079	11/02/22 16:00	LWM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 14:15	ELS	EET PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			416759	10/25/22 15:00	FDS	EET PIT
		Instrument ID: NOEQUIP								

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Lab Chronicle

Client: Southern Company
 Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Client Sample ID: GWC-52

Lab Sample ID: 680-224203-9

Date Collected: 10/25/22 13:00

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417079	11/02/22 16:00	LWM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 14:19	ELS	EET PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			416759	10/25/22 13:00	FDS	EET PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWC-53

Lab Sample ID: 680-224203-10

Date Collected: 10/25/22 14:05

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417079	11/02/22 16:00	LWM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 14:24	ELS	EET PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			416759	10/25/22 14:05	FDS	EET PIT
		Instrument ID: NOEQUIP								

Client Sample ID: DUP-6

Lab Sample ID: 680-224203-11

Date Collected: 10/25/22 00:00

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417079	11/02/22 16:00	LWM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 14:29	ELS	EET PIT
		Instrument ID: PCTITRATOR								

Client Sample ID: EB-6

Lab Sample ID: 680-224203-12

Date Collected: 10/25/22 15:40

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417079	11/02/22 16:00	LWM	EET PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 14:34	ELS	EET PIT
		Instrument ID: PCTITRATOR								

Client Sample ID: FB-6

Lab Sample ID: 680-224203-13

Date Collected: 10/25/22 14:10

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	417052	11/02/22 13:42	LWM	EET PIT
		Instrument ID: NOEQUIP								

Eurofins Savannah

Lab Chronicle

Client: Southern Company
Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Client Sample ID: FB-6

Lab Sample ID: 680-224203-13

Date Collected: 10/25/22 14:10

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM2320 B		1			416992	11/01/22 14:37	ELS	EET PIT

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

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Accreditation/Certification Summary

Client: Southern Company
 Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22 *
California	State	2891	04-30-23
Connecticut	State	PH-0688	09-30-22 *
Florida	NELAP	E871008	11-15-22
Georgia	State	PA 02-00416	11-15-22
Illinois	NELAP	004375	11-15-22
Kansas	NELAP	E-10350	11-15-22
Kentucky (UST)	State	162013	04-30-23
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22 *
Louisiana (All)	NELAP	04041	11-15-22
Maine	State	PA00164	03-06-24
Minnesota	NELAP	042-999-482	11-15-22
New Hampshire	NELAP	2030	11-15-22
New Jersey	NELAP	PA005	11-15-22
New York	NELAP	11182	11-15-22
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	11-15-22
Oregon	NELAP	PA-2151	11-15-22
Pennsylvania	NELAP	02-00416	11-15-22
Rhode Island	State	LAO00362	12-31-22
South Carolina	State	89014	04-20-23
Texas	NELAP	T104704528	11-15-22
USDA	US Federal Programs	P330-16-00211	06-21-24
Utah	NELAP	PA001462019-8	11-15-22
Virginia	NELAP	10043	11-15-22
West Virginia DEP	State	142	11-15-22
Wisconsin	State	998027800	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Southern Company
Project/Site: GPC Plant Scherer PAC Ash Resample 10-2022

Job ID: 680-224203-1

Method	Method Description	Protocol	Laboratory
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PIT
SM2320 B	Alkalinity, Total	SM18	EET PIT
Field Sampling	Field Sampling	EPA	EET PIT

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



9/15/22
10/25/22

TestAmerica Pittsburgh
301 Alpha Drive
RDC Park
Pittsburgh, PA 15238-2907
phone 412 963 7058 fax 412 963 2468

Chain of Custody Report 244- ATLANTA TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.
680-224203 Chain of Custody

Regulatory Program: DW NPDES RCRA Other: _____

Client Contact
Jojah Abraham
Southern Company
241 Ralph McGill Blvd SE B10185
Atlanta, GA 30308
JAbraham@southernco.com
Project Name: CCR - Plant Scherer PAC Ash Resample 10-2022
Site Georgia
PO#: GL166235022

Project Manager: Dawn Prell
Tel/Fax: 248-536-5445

Site Contact: Dawn Prell
Lab Contact: David Fuller

Date: 10/26/2022
Carrier: _____
COC No. 1 of 1 COCs
Sampler: 017DF

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below 3-5 days
 2 weeks
 1 week
 2 days
 1 day

Carb/Bicarb
2540C-Solids, Total Dissolved (TDS)
Perform MS/MSD (Y/N)
Filtered Sample (Y/N)

Sample Identification	Sample Date	Sample Time	Type (C-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	2540C-Solids, Total Dissolved (TDS)	Carb/Bicarb	Sample Specific Notes
GWC-29	10/25/2022	12 05	G	WG	2	N	N	X	X	pH=6 21
GWA-45	10/25/2022	15 25	G	WG	2	N	N	X	X	pH=5 99
GWA-46	10/25/2022	14 43	G	WG	2	N	N	X	X	pH=5 88
GWA-47	10/25/2022	14 00	G	WG	2	N	N	X	X	pH=6 48
GWA-48	10/25/2022	13 15	G	WG	2	N	N	X	X	pH=6 81
GWA-49	10/25/2022	12 20	G	WG	2	N	N	X	X	pH=6 96
GWC-50	10/25/2022	11 00	G	WG	2	N	N	X	X	pH=5 89
GWC-51	10/25/2022	15 00	G	WG	2	N	N	X	X	pH=5 94
GWC-52	10/25/2022	13 00	G	WG	2	N	N	X	X	pH=6 65
GWC-53	10/25/2022	14 05	G	WG	2	N	N	X	X	pH=5 64
DUP-6	10/25/2022	--	G	WG	2	N	N	X	X	
EB-6	10/25/2022	15 40	G	WQ	2	N	N	X	X	
FB-6	10/25/2022	14 10	G	WQ	2	N	N	X	X	

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other
Possible Hazard Identification: _____
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample
 Non-Hazard Flammable Skin Irritant Poison B Unknown

Return to Client Disposal by Lab Archive for _____ Months

Cooler Temp (°C) Obs'd _____ Corrd _____ Therm ID No _____

Received by: *Bryan C. Lee* Company: *Carver* Date/Time: *10/26/22 10:30*

Received by: *David Fuller* Company: *Southern* Date/Time: *10/26/22 10:30*

Received in Laboratory by: *David Fuller* Company: *Southern* Date/Time: *10/26/22 10:30*

Custody Seal No _____
Company: *Southern* Date/Time: *10/26/22 10:30*

Relinquished by: *David Fuller* Date/Time: *10/26/22 10:30*

Relinquished by: *David Fuller* Date/Time: *10/26/22 10:30*



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-224203-1

Login Number: 224203

List Number: 2

Creator: Watson, Debbie

List Source: Eurofins Pittsburgh

List Creation: 10/28/22 02:57 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Eurofins Savannah

Job Notes

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Generated
11/20/2022 5:41:28 PM
Revision 1

APPENDIX B

**Analytical Results
November 2022**



ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta Georgia 30308

Generated 11/22/2022 7:26:30 AM

JOB DESCRIPTION

CCR-Plant Scherer Surface Water Resample 10-2022

JOB NUMBER

680-225767-1

Definitions/Glossary

Client: Southern Company

Job ID: 680-225767-1

Project/Site: CCR-Plant Scherer Surface Water Resample
10-2022

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR-Plant Scherer Surface Water Resample
10-2022

Job ID: 680-225767-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-225767-1	SWA-3	Water	11/16/22 16:05	11/17/22 10:30
680-225767-2	SWC-8	Water	11/16/22 14:35	11/17/22 10:30

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Case Narrative

Client: Southern Company
Project/Site: CCR-Plant Scherer Surface Water Resample 10-2022

Job ID: 680-225767-1

Job ID: 680-225767-1

Laboratory: Eurofins Savannah

Narrative

**Job Narrative
680-225767-1**

Receipt

The samples were received on 11/17/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C

General Chemistry

Method 2540C: A smaller amount of sample was used for the following samples due to the nature of the sample matrix: SWA-3 (680-225767-1) and SWC-8 (680-225767-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.



Client Sample Results

Client: Southern Company
 Project/Site: CCR-Plant Scherer Surface Water Resample
 10-2022

Job ID: 680-225767-1

Client Sample ID: SWA-3

Lab Sample ID: 680-225767-1

Date Collected: 11/16/22 16:05

Matrix: Water

Date Received: 11/17/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	250		40	40	mg/L			11/18/22 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.50				SU			11/16/22 16:05	1

Client Sample ID: SWC-8

Lab Sample ID: 680-225767-2

Date Collected: 11/16/22 14:35

Matrix: Water

Date Received: 11/17/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	280		40	40	mg/L			11/18/22 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.59				SU			11/16/22 14:35	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR-Plant Scherer Surface Water Resample
 10-2022

Job ID: 680-225767-1

Method: 2540C - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-751396/1
Matrix: Water
Analysis Batch: 751396

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			11/18/22 13:46	1

Lab Sample ID: LCS 680-751396/2
Matrix: Water
Analysis Batch: 751396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2420	2440		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-751396/3
Matrix: Water
Analysis Batch: 751396

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2420	2380		mg/L		98	80 - 120	2	25

Lab Sample ID: 680-225768-A-10 DU
Matrix: Water
Analysis Batch: 751396

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	270		260		mg/L		5	5

QC Association Summary

Client: Southern Company
Project/Site: CCR-Plant Scherer Surface Water Resample
10-2022

Job ID: 680-225767-1

General Chemistry

Analysis Batch: 751396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-225767-1	SWA-3	Total/NA	Water	2540C	
680-225767-2	SWC-8	Total/NA	Water	2540C	
MB 680-751396/1	Method Blank	Total/NA	Water	2540C	
LCS 680-751396/2	Lab Control Sample	Total/NA	Water	2540C	
LCSD 680-751396/3	Lab Control Sample Dup	Total/NA	Water	2540C	
680-225768-A-10 DU	Duplicate	Total/NA	Water	2540C	

Field Service / Mobile Lab

Analysis Batch: 751635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-225767-1	SWA-3	Total/NA	Water	Field Sampling	
680-225767-2	SWC-8	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Southern Company
 Project/Site: CCR-Plant Scherer Surface Water Resample
 10-2022

Job ID: 680-225767-1

Client Sample ID: SWA-3

Lab Sample ID: 680-225767-1

Date Collected: 11/16/22 16:05

Matrix: Water

Date Received: 11/17/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	50 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			751635	11/16/22 16:05	T1C	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: SWC-8

Lab Sample ID: 680-225767-2

Date Collected: 11/16/22 14:35

Matrix: Water

Date Received: 11/17/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	50 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			751635	11/16/22 14:35	T1C	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Accreditation/Certification Summary

Client: Southern Company
 Project/Site: CCR-Plant Scherer Surface Water Resample
 10-2022

Job ID: 680-225767-1

Laboratory: Eurofins Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-23
ANAB	Dept. of Defense ELAP	L2463	09-22-24
Arkansas DEQ	State	19-015-0	02-01-23
California	State	2939	06-30-22 *
Connecticut	State	PH-0161	03-31-23
Florida	NELAP	E87052	06-23-23
Georgia	State	E87052	06-30-23
Georgia (DW)	State	803	06-30-23
Guam	State	19-007R	04-17-23
Hawaii	State	<cert No.>	06-30-23
Illinois	NELAP	200022	11-30-22
Indiana	State	C-GA-02	06-30-23
Iowa	State	353	07-01-23
Kentucky (UST)	State	NA	06-30-23
Louisiana	NELAP	30690	06-30-23
Louisiana (All)	NELAP	30690	06-30-23
Louisiana (DW)	State	LA009	12-31-22
Maine	State	GA00006	09-25-24
Maryland	State	250	12-31-22
Massachusetts	State	M-GA006	07-30-23
Michigan	State	9925	06-30-23
Mississippi	State	<cert No.>	06-30-23
Nebraska	State	NE-OS-7-04	06-30-23
New Jersey	NELAP	GA769	06-30-23
New Mexico	State	GA00006	06-30-23
New York	NELAP	10842	04-01-23
North Carolina (DW)	State	13701	07-31-23
North Carolina (WW/SW)	State	269	12-31-22
Pennsylvania	NELAP	68-00474	06-30-23
Puerto Rico	State	GA00006	01-01-23
South Carolina	State	98001	06-30-22 *
Tennessee	State	TN02961	06-30-23
Texas	NELAP	T1047004185-19-14	11-30-22
Texas	TCEQ Water Supply	T104704185	06-30-23
USDA	US Federal Programs	P330-18-00313	09-03-24
Virginia	NELAP	460161	06-14-23
Wisconsin	State	999819810	08-31-23
Wyoming	State	8TMS-L	06-30-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Southern Company
Project/Site: CCR-Plant Scherer Surface Water Resample
10-2022

Job ID: 680-225767-1

Method	Method Description	Protocol	Laboratory
2540C	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
Field Sampling	Field Sampling	EPA	EET SAV

Protocol References:

- EPA = US Environmental Protection Agency
- SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

- EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Chain of Custody Record



TestAmerica Laboratories, Inc.

TestAmerica Savannah
5102 LaRoche Avenue

Savannah, GA 31404-6019
phone 912.354.7858 fax 912.352.0165

Regulatory Program: DW NPDES RCRA Other

Project Manager: Dawn Prell Other

Tel/Fax: 248-536-5445

Analysis Turnaround Time: WORKING DAYS ASAP
 TA if different from Below: 2 weeks 1 week 2 days 1 day

Client Contact: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE B10185
Atlanta, GA 30308
JAbraham@southernco.com
Project Name: CCR - Plant Scherer Surface Water Resample 10-202
Site: Georgia
PO#: GL166235022

Site Contact: Dawn Prell RCR

Date: 11/16/2022

Carrier: 1 of 1 COCs

Sampler: CT/DM

For Lab Use Only:
Walk-in Client: Lab Sampling
Job / SDG No

Sample Identification	Sample Date	Sample Time	Type (C-Comp, G-Grab)	Matrix	# of Cont.
SWA-3	11/16/2022	16 05	G	WS	1
SWC-8	11/16/2022	14 35	G	WS	1

2540C-Solids, Total Dissolved (TDS)

Filtered Sample (Y/N) Perform MS / MSD (Y/N)

Sample Specific Notes: pH=6 50, pH=6 59

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Skin Irritant Poison B Unknown

Return to Client Disposal by Lab

680-225767 Chain of Custody

Therm ID No: 31 31

Cooler Temp (°C): Obs'd

Received by: Company: KSP GURDEE Date/Time: 11-17-22 10:30

Received by: Company: (Signature) Date/Time: (Signature)

Received in Laboratory by: (Signature) Date/Time: (Signature)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-225767-1

Login Number: 225767

List Number: 1

Creator: Sims, Robert D

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Eurofins Savannah

Job Notes

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
11/22/2022 7:26:30 AM

Authorized for release by
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(770)344-8986

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta Georgia 30308

Generated 11/23/2022 10:45:47 AM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer PAC Ash resample 10-2022

JOB NUMBER

680-225768-1

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-225768-1	GWC-29	Water	11/16/22 14:25	11/17/22 10:30
680-225768-2	GWA-45	Water	11/16/22 13:43	11/17/22 10:30
680-225768-3	GWA-46	Water	11/16/22 12:55	11/17/22 10:30
680-225768-4	GWA-47	Water	11/16/22 12:10	11/17/22 10:30
680-225768-5	GWA-48	Water	11/16/22 11:25	11/17/22 10:30
680-225768-6	GWA-49	Water	11/16/22 10:25	11/17/22 10:30
680-225768-7	GWC-50	Water	11/16/22 12:40	11/17/22 10:30
680-225768-8	GWC-51	Water	11/16/22 15:55	11/17/22 10:30
680-225768-9	GWC-52	Water	11/16/22 16:46	11/17/22 10:30
680-225768-10	GWC-53	Water	11/16/22 14:46	11/17/22 10:30
680-225768-11	DUP-6	Water	11/16/22 00:00	11/17/22 10:30
680-225768-12	EB-6	Water	11/16/22 12:35	11/17/22 10:30
680-225768-13	FB-6	Water	11/16/22 15:45	11/17/22 10:30



Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

Job ID: 680-225768-1

Laboratory: Eurofins Savannah

Narrative

**Job Narrative
680-225768-1**

Revision 1

This report has been revised to include a comment about some samples having elevated RLs for Method 2540C.

Comments

No additional comments.

Receipt

The samples were received on 11/17/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1° C.

General Chemistry

Method 2540C: A smaller amount of sample was used for the following samples due to the nature of the sample matrix: GWA-45 (680-225768-2), GWC-52 (680-225768-9) and GWC-53 (680-225768-10). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.



Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

Client Sample ID: GWC-29

Lab Sample ID: 680-225768-1

Date Collected: 11/16/22 14:25

Matrix: Water

Date Received: 11/17/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110		10	10	mg/L			11/18/22 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.14				SU			11/16/22 14:25	1

Client Sample ID: GWA-45

Lab Sample ID: 680-225768-2

Date Collected: 11/16/22 13:43

Matrix: Water

Date Received: 11/17/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	300		40	40	mg/L			11/18/22 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.02				SU			11/16/22 13:43	1

Client Sample ID: GWA-46

Lab Sample ID: 680-225768-3

Date Collected: 11/16/22 12:55

Matrix: Water

Date Received: 11/17/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	55		10	10	mg/L			11/18/22 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	5.88				SU			11/16/22 12:55	1

Client Sample ID: GWA-47

Lab Sample ID: 680-225768-4

Date Collected: 11/16/22 12:10

Matrix: Water

Date Received: 11/17/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	94		10	10	mg/L			11/18/22 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.51				SU			11/16/22 12:10	1

Client Sample ID: GWA-48

Lab Sample ID: 680-225768-5

Date Collected: 11/16/22 11:25

Matrix: Water

Date Received: 11/17/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	100		10	10	mg/L			11/18/22 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.83				SU			11/16/22 11:25	1

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Client Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

Client Sample ID: GWA-49

Lab Sample ID: 680-225768-6

Date Collected: 11/16/22 10:25

Matrix: Water

Date Received: 11/17/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110		10	10	mg/L			11/18/22 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.91				SU			11/16/22 10:25	1

Client Sample ID: GWC-50

Lab Sample ID: 680-225768-7

Date Collected: 11/16/22 12:40

Matrix: Water

Date Received: 11/17/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	76		10	10	mg/L			11/18/22 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	5.81				SU			11/16/22 12:40	1

Client Sample ID: GWC-51

Lab Sample ID: 680-225768-8

Date Collected: 11/16/22 15:55

Matrix: Water

Date Received: 11/17/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	89		10	10	mg/L			11/18/22 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	5.87				SU			11/16/22 15:55	1

Client Sample ID: GWC-52

Lab Sample ID: 680-225768-9

Date Collected: 11/16/22 16:46

Matrix: Water

Date Received: 11/17/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	180		40	40	mg/L			11/18/22 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.65				SU			11/16/22 16:46	1

Client Sample ID: GWC-53

Lab Sample ID: 680-225768-10

Date Collected: 11/16/22 14:46

Matrix: Water

Date Received: 11/17/22 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	270		40	40	mg/L			11/18/22 13:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	5.65				SU			11/16/22 14:46	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

Client Sample ID: DUP-6
Date Collected: 11/16/22 00:00
Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-11
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110		10	10	mg/L			11/18/22 13:46	1

Client Sample ID: EB-6
Date Collected: 11/16/22 12:35
Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-12
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	<10		10	10	mg/L			11/21/22 12:04	1

Client Sample ID: FB-6
Date Collected: 11/16/22 15:45
Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-13
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	<10		10	10	mg/L			11/21/22 12:04	1

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

Method: 2540C - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-751396/1
Matrix: Water
Analysis Batch: 751396

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			11/18/22 13:46	1

Lab Sample ID: LCS 680-751396/2
Matrix: Water
Analysis Batch: 751396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2420	2440		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-751396/3
Matrix: Water
Analysis Batch: 751396

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2420	2380		mg/L		98	80 - 120	2	25

Lab Sample ID: 680-225768-10 DU
Matrix: Water
Analysis Batch: 751396

Client Sample ID: GWC-53
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	270		260		mg/L		5	5

Lab Sample ID: MB 680-751711/1
Matrix: Water
Analysis Batch: 751711

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			11/21/22 12:04	1

Lab Sample ID: LCS 680-751711/2
Matrix: Water
Analysis Batch: 751711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2340	2440		mg/L		104	80 - 120

Lab Sample ID: LCSD 680-751711/3
Matrix: Water
Analysis Batch: 751711

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2340	2410		mg/L		103	80 - 120	1	25

Lab Sample ID: 670-9549-A-1 DU
Matrix: Water
Analysis Batch: 751711

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	300		294		mg/L		3	5

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

General Chemistry

Analysis Batch: 751396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-225768-1	GWC-29	Total/NA	Water	2540C	
680-225768-2	GWA-45	Total/NA	Water	2540C	
680-225768-3	GWA-46	Total/NA	Water	2540C	
680-225768-4	GWA-47	Total/NA	Water	2540C	
680-225768-5	GWA-48	Total/NA	Water	2540C	
680-225768-6	GWA-49	Total/NA	Water	2540C	
680-225768-7	GWC-50	Total/NA	Water	2540C	
680-225768-8	GWC-51	Total/NA	Water	2540C	
680-225768-9	GWC-52	Total/NA	Water	2540C	
680-225768-10	GWC-53	Total/NA	Water	2540C	
680-225768-11	DUP-6	Total/NA	Water	2540C	
MB 680-751396/1	Method Blank	Total/NA	Water	2540C	
LCS 680-751396/2	Lab Control Sample	Total/NA	Water	2540C	
LCSD 680-751396/3	Lab Control Sample Dup	Total/NA	Water	2540C	
680-225768-10 DU	GWC-53	Total/NA	Water	2540C	

Analysis Batch: 751711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-225768-12	EB-6	Total/NA	Water	2540C	
680-225768-13	FB-6	Total/NA	Water	2540C	
MB 680-751711/1	Method Blank	Total/NA	Water	2540C	
LCS 680-751711/2	Lab Control Sample	Total/NA	Water	2540C	
LCSD 680-751711/3	Lab Control Sample Dup	Total/NA	Water	2540C	
670-9549-A-1 DU	Duplicate	Total/NA	Water	2540C	

Field Service / Mobile Lab

Analysis Batch: 751635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-225768-1	GWC-29	Total/NA	Water	Field Sampling	
680-225768-2	GWA-45	Total/NA	Water	Field Sampling	
680-225768-3	GWA-46	Total/NA	Water	Field Sampling	
680-225768-4	GWA-47	Total/NA	Water	Field Sampling	
680-225768-5	GWA-48	Total/NA	Water	Field Sampling	
680-225768-6	GWA-49	Total/NA	Water	Field Sampling	
680-225768-7	GWC-50	Total/NA	Water	Field Sampling	
680-225768-8	GWC-51	Total/NA	Water	Field Sampling	
680-225768-9	GWC-52	Total/NA	Water	Field Sampling	
680-225768-10	GWC-53	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

Client Sample ID: GWC-29

Date Collected: 11/16/22 14:25

Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	200 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
		Instrument ID: NOEQUIP								
Total/NA	Analysis	Field Sampling		1			751635	11/16/22 14:25	T1C	EET SAV
		Instrument ID: NOEQUIP								

Client Sample ID: GWA-45

Date Collected: 11/16/22 13:43

Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	50 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
		Instrument ID: NOEQUIP								
Total/NA	Analysis	Field Sampling		1			751635	11/16/22 13:43	T1C	EET SAV
		Instrument ID: NOEQUIP								

Client Sample ID: GWA-46

Date Collected: 11/16/22 12:55

Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	200 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
		Instrument ID: NOEQUIP								
Total/NA	Analysis	Field Sampling		1			751635	11/16/22 12:55	T1C	EET SAV
		Instrument ID: NOEQUIP								

Client Sample ID: GWA-47

Date Collected: 11/16/22 12:10

Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	200 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
		Instrument ID: NOEQUIP								
Total/NA	Analysis	Field Sampling		1			751635	11/16/22 12:10	T1C	EET SAV
		Instrument ID: NOEQUIP								

Client Sample ID: GWA-48

Date Collected: 11/16/22 11:25

Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	200 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
		Instrument ID: NOEQUIP								
Total/NA	Analysis	Field Sampling		1			751635	11/16/22 11:25	T1C	EET SAV
		Instrument ID: NOEQUIP								

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

Client Sample ID: GWA-49
Date Collected: 11/16/22 10:25
Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	200 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			751635	11/16/22 10:25	T1C	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: GWC-50
Date Collected: 11/16/22 12:40
Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	200 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			751635	11/16/22 12:40	T1C	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: GWC-51
Date Collected: 11/16/22 15:55
Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	200 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			751635	11/16/22 15:55	T1C	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: GWC-52
Date Collected: 11/16/22 16:46
Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	50 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			751635	11/16/22 16:46	T1C	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: GWC-53
Date Collected: 11/16/22 14:46
Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	50 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			751635	11/16/22 14:46	T1C	EET SAV
Instrument ID: NOEQUIP										

Eurofins Savannah

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

Client Sample ID: DUP-6

Date Collected: 11/16/22 00:00

Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	200 mL	200 mL	751396	11/18/22 13:46	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: EB-6

Date Collected: 11/16/22 12:35

Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	200 mL	200 mL	751711	11/21/22 12:04	PG	EET SAV
Instrument ID: NOEQUIP										

Client Sample ID: FB-6

Date Collected: 11/16/22 15:45

Date Received: 11/17/22 10:30

Lab Sample ID: 680-225768-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C		1	200 mL	200 mL	751711	11/21/22 12:04	PG	EET SAV
Instrument ID: NOEQUIP										

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

Laboratory: Eurofins Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-23
ANAB	Dept. of Defense ELAP	L2463	09-22-24
Arkansas DEQ	State	19-015-0	02-01-23
California	State	2939	06-30-22 *
Connecticut	State	PH-0161	03-31-23
Florida	NELAP	E87052	06-23-23
Georgia	State	E87052	06-30-23
Georgia (DW)	State	803	06-30-23
Guam	State	19-007R	04-17-23
Hawaii	State	<cert No.>	06-30-23
Illinois	NELAP	200022	11-30-22
Indiana	State	C-GA-02	06-30-23
Iowa	State	353	07-01-23
Kentucky (UST)	State	NA	06-30-23
Louisiana	NELAP	30690	06-30-23
Louisiana (All)	NELAP	30690	06-30-23
Louisiana (DW)	State	LA009	12-31-22
Maine	State	GA00006	09-25-24
Maryland	State	250	12-31-22
Massachusetts	State	M-GA006	07-30-23
Michigan	State	9925	06-30-23
Mississippi	State	<cert No.>	06-30-23
Nebraska	State	NE-OS-7-04	06-30-23
New Jersey	NELAP	GA769	06-30-23
New Mexico	State	GA00006	06-30-23
New York	NELAP	10842	04-01-23
North Carolina (DW)	State	13701	07-31-23
North Carolina (WW/SW)	State	269	12-31-22
Pennsylvania	NELAP	68-00474	06-30-23
Puerto Rico	State	GA00006	01-01-23
South Carolina	State	98001	06-30-22 *
Tennessee	State	TN02961	06-30-23
Texas	NELAP	T1047004185-19-14	11-30-22
Texas	TCEQ Water Supply	T104704185	06-30-23
USDA	US Federal Programs	P330-18-00313	09-03-24
Virginia	NELAP	460161	06-14-23
Wisconsin	State	999819810	08-31-23
Wyoming	State	8TMS-L	06-30-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash resample 10-2022

Job ID: 680-225768-1

Method	Method Description	Protocol	Laboratory
2540C	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
Field Sampling	Field Sampling	EPA	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Savannah, GA 31404-6019
phone 912.354.7858 fax 912.352.0165

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other

Client Contact: Joju Abraham, Southern Company, 241 Ralph McGill Blvd SE B10185, Atlanta, GA 30308, JAbraham@southernco.com, Project Name CCR - Plant Scherer PAC Ash Resample 10-2022, Site: Georgia, PO#: GL166235022

Project Manager: Dawn Prell, Tel/Fax: 248-536-5445

Site Contact: Dawn Prell, Lab Contact: David Fuller

Date: 11/16/2022, Carrier: _____

COC No: _____ of _____ COCs

Sampler: _____ CT/CM

For Lab Use Only:
Walk-in Client: _____
Lab Sampling: _____
Job / SDG No: _____

Sample Identification	Sample Date	Sample Time	Type (C=Comp, G=Grab)	Matrix	# of Cont.	Analysis Turnaround Time		Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	2540C-Solids, Total Dissolved (TDS)	Sample Specific Notes
						CALENDAR DAYS	WORKING DAYS				
GWC-29	11/16/2022	14:25	G	WG	1			N	X		pH=6.14
GWA-45	11/16/2022	13:43	G	WG	1			N	X		pH=6.02
GWA-46	11/16/2022	12:55	G	WG	1			N	X		pH=5.88
GWA-47	11/16/2022	12:10	G	WG	1			N	X		pH=6.51
GWA-48	11/16/2022	11:25	G	WG	1			N	X		pH=6.83
GWA-49	11/16/2022	10:25	G	WG	1			N	X		pH=6.91
GWC-50	11/16/2022	12:40	G	WG	1			N	X		pH=5.81
GWC-51	11/16/2022	15:55	G	WG	1			N	X		pH=5.87
GWC-52	11/16/2022	16:46	G	WG	1			N	X		pH=6.65
GWC-53	11/16/2022	14:46	G	WG	1			N	X		pH=5.65
DUP-6	11/16/2022	--	G	WG	1			N	X		
EB-6	11/16/2022	12:35	G	WQ	1			N	X		
FB-6	11/16/2022	15:45	G	WQ	1			N	X		

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Non-Hazard Flammable Skin Irritant Poison B Unknown

Return to Client Disposal by Lab

Sample Disposal (A fee may be assessed if samples are disposed of): 1

Barcode: 680-225768 Chain of Custody

Therm ID No: 3.1 3.1

Cooler Temp (°C) Obs'd: _____

Received by: WSP GARDNER (to CEREC)

Received in Laboratory by: [Signature]

Date/Time: 11/16/2022 10:30

Date/Time: 11-17-20 10:30

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-225768-1

Login Number: 225768

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Eurofins Savannah

Job Notes

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Authorized for release by
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John.Andros@et.eurofinsus.com
Designee for
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David.Fuller@et.eurofinsus.com
(770)344-8986

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Revision 1

APPENDIX B

**Analytical Results
December 2022**



ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 1/9/2023 6:12:31 AM

JOB DESCRIPTION

Scherer Resampling Dec 2022

JOB NUMBER

680-228483-1

Eurofins Savannah

Job Notes

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

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Authorization



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1/9/2023 6:12:31 AM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-228483-1	GWC-4	Water	12/28/22 11:12	12/29/22 15:15
680-228483-2	GWC-9	Water	12/28/22 11:36	12/29/22 15:15
680-228483-3	GWC-10	Water	12/28/22 15:06	12/29/22 15:15
680-228483-4	GWC-19	Water	12/28/22 11:57	12/29/22 15:15
680-228483-5	GWC-20	Water	12/28/22 13:45	12/29/22 15:15
680-228483-6	FB-1	Water	12/28/22 11:25	12/29/22 15:15
680-228483-7	EB-1	Water	12/28/22 12:50	12/29/22 15:15
680-228483-8	FD-1	Water	12/28/22 00:00	12/29/22 15:15

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Case Narrative

Client: Southern Company
Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Job ID: 680-228483-1

Laboratory: Eurofins Savannah

Narrative

Job Narrative
680-228483-1

Receipt

The samples were received on 12/29/2022 3:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Southern Company
 Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Client Sample ID: GWC-4
 Date Collected: 12/28/22 11:12
 Date Received: 12/29/22 15:15

Lab Sample ID: 680-228483-1
 Matrix: Water

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	32		1.0	0.76	mg/L			12/31/22 15:04	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.065		0.010	0.0031	mg/L		01/03/23 14:10	01/06/23 11:43	1
Calcium	20		0.50	0.13	mg/L		01/03/23 14:10	01/06/23 11:43	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.20				SU			12/28/22 11:12	1

Client Sample ID: GWC-9
 Date Collected: 12/28/22 11:36
 Date Received: 12/29/22 15:15

Lab Sample ID: 680-228483-2
 Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	18		0.50	0.13	mg/L		01/03/23 14:10	01/06/23 11:46	1
Nickel	0.00068	J	0.0010	0.00052	mg/L		01/03/23 14:10	01/06/23 11:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.62				SU			12/28/22 11:36	1

Client Sample ID: GWC-10
 Date Collected: 12/28/22 15:06
 Date Received: 12/29/22 15:15

Lab Sample ID: 680-228483-3
 Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.098		0.080	0.060	mg/L		01/03/23 14:10	01/06/23 12:03	1
Nickel	0.0017		0.0010	0.00052	mg/L		01/03/23 14:10	01/06/23 12:03	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.36				SU			12/28/22 15:06	1

Client Sample ID: GWC-19
 Date Collected: 12/28/22 11:57
 Date Received: 12/29/22 15:15

Lab Sample ID: 680-228483-4
 Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	19		0.50	0.13	mg/L		01/03/23 14:10	01/06/23 12:12	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.29				SU			12/28/22 11:57	1

Client Sample Results

Client: Southern Company
 Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Client Sample ID: GWC-20

Lab Sample ID: 680-228483-5

Date Collected: 12/28/22 13:45

Matrix: Water

Date Received: 12/29/22 15:15

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.060		0.080	0.060	mg/L		01/03/23 14:10	01/06/23 12:16	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.56				SU			12/28/22 13:45	1

Client Sample ID: FB-1

Lab Sample ID: 680-228483-6

Date Collected: 12/28/22 11:25

Matrix: Water

Date Received: 12/29/22 15:15

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.76	J	1.0	0.76	mg/L			12/31/22 15:23	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0031		0.010	0.0031	mg/L		01/03/23 14:10	01/06/23 12:19	1
Boron	<0.060		0.080	0.060	mg/L		01/03/23 14:10	01/06/23 12:19	1
Calcium	<0.13		0.50	0.13	mg/L		01/03/23 14:10	01/06/23 12:19	1
Nickel	<0.00052		0.0010	0.00052	mg/L		01/03/23 14:10	01/06/23 12:19	1

Client Sample ID: EB-1

Lab Sample ID: 680-228483-7

Date Collected: 12/28/22 12:50

Matrix: Water

Date Received: 12/29/22 15:15

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0031		0.010	0.0031	mg/L		01/03/23 14:10	01/06/23 12:22	1
Boron	<0.060		0.080	0.060	mg/L		01/03/23 14:10	01/06/23 12:22	1
Calcium	<0.13		0.50	0.13	mg/L		01/03/23 14:10	01/06/23 12:22	1
Nickel	<0.00052		0.0010	0.00052	mg/L		01/03/23 14:10	01/06/23 12:22	1

Client Sample ID: FD-1

Lab Sample ID: 680-228483-8

Date Collected: 12/28/22 00:00

Matrix: Water

Date Received: 12/29/22 15:15

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	19		0.50	0.13	mg/L		01/03/23 14:10	01/06/23 12:26	1

QC Sample Results

Client: Southern Company
Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 180-422064/6
Matrix: Water
Analysis Batch: 422064

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.76		1.0	0.76	mg/L			12/31/22 10:46	1

Lab Sample ID: LCS 180-422064/7
Matrix: Water
Analysis Batch: 422064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	50.0	50.2		mg/L		100	90 - 110

Lab Sample ID: 180-149710-G-2-A MS
Matrix: Water
Analysis Batch: 422064

Client Sample ID: Matrix Spike
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10	B	50.0	60.7		mg/L		101	90 - 110

Lab Sample ID: 180-149710-G-2-A MSD
Matrix: Water
Analysis Batch: 422064

Client Sample ID: Matrix Spike Duplicate
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10	B	50.0	60.0		mg/L		99	90 - 110	1	20

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-422194/1-A
Matrix: Water
Analysis Batch: 422570

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 422194

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0031		0.010	0.0031	mg/L		01/03/23 14:10	01/06/23 11:26	1
Boron	<0.060		0.080	0.060	mg/L		01/03/23 14:10	01/06/23 11:26	1
Calcium	<0.13		0.50	0.13	mg/L		01/03/23 14:10	01/06/23 11:26	1
Nickel	<0.00052		0.0010	0.00052	mg/L		01/03/23 14:10	01/06/23 11:26	1

Lab Sample ID: LCS 180-422194/2-A
Matrix: Water
Analysis Batch: 422570

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 422194

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.250	0.269		mg/L		108	80 - 120
Arsenic	1.00	0.980		mg/L		98	80 - 120
Barium	1.00	0.874		mg/L		87	80 - 120
Beryllium	0.500	0.484		mg/L		97	80 - 120
Boron	1.25	1.22		mg/L		98	80 - 120
Cadmium	0.500	0.488		mg/L		98	80 - 120
Calcium	25.0	26.3		mg/L		105	80 - 120
Chromium	0.500	0.487		mg/L		97	80 - 120
Cobalt	0.500	0.494		mg/L		99	80 - 120
Copper	0.500	0.444		mg/L		89	80 - 120

Eurofins Savannah

QC Sample Results

Client: Southern Company
Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-422194/2-A
Matrix: Water
Analysis Batch: 422570

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 422194

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.500	0.484		mg/L		97	80 - 120
Magnesium	25.0	24.6		mg/L		98	80 - 120
Nickel	0.500	0.481		mg/L		96	80 - 120
Potassium	25.0	24.0		mg/L		96	80 - 120
Selenium	1.00	0.998		mg/L		100	80 - 120
Silver	0.250	0.247		mg/L		99	80 - 120
Sodium	25.0	24.1		mg/L		97	80 - 120
Thallium	1.00	0.973		mg/L		97	80 - 120
Vanadium	0.500	0.485		mg/L		97	80 - 120
Zinc	0.250	0.263		mg/L		105	80 - 120

Lab Sample ID: 680-228483-2 MS
Matrix: Water
Analysis Batch: 422570

Client Sample ID: GWC-9
Prep Type: Total Recoverable
Prep Batch: 422194

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0011	J B	0.250	0.270		mg/L		107	75 - 125
Arsenic	<0.00028		1.00	0.995		mg/L		100	75 - 125
Barium	0.024		1.00	0.923		mg/L		90	75 - 125
Beryllium	<0.00027		0.500	0.484		mg/L		97	75 - 125
Boron	0.11		1.25	1.32		mg/L		97	75 - 125
Cadmium	<0.00022		0.500	0.495		mg/L		99	75 - 125
Calcium	18		25.0	45.7		mg/L		111	75 - 125
Chromium	0.0096		0.500	0.503		mg/L		99	75 - 125
Cobalt	<0.00026		0.500	0.500		mg/L		100	75 - 125
Copper	<0.0011		0.500	0.455		mg/L		91	75 - 125
Lead	<0.00017		0.500	0.495		mg/L		99	75 - 125
Magnesium	8.5		25.0	33.4		mg/L		100	75 - 125
Nickel	0.00068	J	0.500	0.495		mg/L		99	75 - 125
Potassium	1.1		25.0	25.1		mg/L		96	75 - 125
Selenium	<0.00074		1.00	1.00		mg/L		100	75 - 125
Silver	<0.00022		0.250	0.251		mg/L		100	75 - 125
Sodium	8.3		25.0	32.5		mg/L		97	75 - 125
Thallium	<0.00047		1.00	0.998		mg/L		100	75 - 125
Vanadium	0.019		0.500	0.515		mg/L		99	75 - 125
Zinc	0.013		0.250	0.262		mg/L		100	75 - 125

Lab Sample ID: 680-228483-2 MSD
Matrix: Water
Analysis Batch: 422570

Client Sample ID: GWC-9
Prep Type: Total Recoverable
Prep Batch: 422194

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.0011	J B	0.250	0.274		mg/L		109	75 - 125	2	20
Arsenic	<0.00028		1.00	1.01		mg/L		101	75 - 125	2	20
Barium	0.024		1.00	0.934		mg/L		91	75 - 125	1	20
Beryllium	<0.00027		0.500	0.497		mg/L		99	75 - 125	3	20
Boron	0.11		1.25	1.37		mg/L		101	75 - 125	4	20
Cadmium	<0.00022		0.500	0.502		mg/L		100	75 - 125	1	20
Calcium	18		25.0	46.0		mg/L		112	75 - 125	1	20

Eurofins Savannah

QC Sample Results

Client: Southern Company
 Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-228483-2 MSD
Matrix: Water
Analysis Batch: 422570

Client Sample ID: GWC-9
Prep Type: Total Recoverable
Prep Batch: 422194

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Chromium	0.0096		0.500	0.510		mg/L		100	75 - 125	1	20	
Cobalt	<0.00026		0.500	0.507		mg/L		101	75 - 125	2	20	
Copper	<0.0011		0.500	0.461		mg/L		92	75 - 125	1	20	
Lead	<0.00017		0.500	0.501		mg/L		100	75 - 125	1	20	
Magnesium	8.5		25.0	33.7		mg/L		101	75 - 125	1	20	
Nickel	0.00068	J	0.500	0.499		mg/L		100	75 - 125	1	20	
Potassium	1.1		25.0	25.5		mg/L		98	75 - 125	2	20	
Selenium	<0.00074		1.00	1.01		mg/L		101	75 - 125	1	20	
Silver	<0.00022		0.250	0.253		mg/L		101	75 - 125	1	20	
Sodium	8.3		25.0	32.9		mg/L		98	75 - 125	1	20	
Thallium	<0.00047		1.00	1.01		mg/L		101	75 - 125	1	20	
Vanadium	0.019		0.500	0.520		mg/L		100	75 - 125	1	20	
Zinc	0.013		0.250	0.260		mg/L		99	75 - 125	1	20	

QC Association Summary

Client: Southern Company
Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

HPLC/IC

Leach Batch: 421983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-149710-G-2-A MS	Matrix Spike	ASTM Leach	Water	D3987-85	
180-149710-G-2-A MSD	Matrix Spike Duplicate	ASTM Leach	Water	D3987-85	

Analysis Batch: 422064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-228483-1	GWC-4	Total/NA	Water	EPA 300.0 R2.1	
680-228483-6	FB-1	Total/NA	Water	EPA 300.0 R2.1	
MB 180-422064/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-422064/7	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-149710-G-2-A MS	Matrix Spike	ASTM Leach	Water	EPA 300.0 R2.1	421983
180-149710-G-2-A MSD	Matrix Spike Duplicate	ASTM Leach	Water	EPA 300.0 R2.1	421983

Metals

Prep Batch: 422194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-228483-1	GWC-4	Total Recoverable	Water	3005A	
680-228483-2	GWC-9	Total Recoverable	Water	3005A	
680-228483-3	GWC-10	Total Recoverable	Water	3005A	
680-228483-4	GWC-19	Total Recoverable	Water	3005A	
680-228483-5	GWC-20	Total Recoverable	Water	3005A	
680-228483-6	FB-1	Total Recoverable	Water	3005A	
680-228483-7	EB-1	Total Recoverable	Water	3005A	
680-228483-8	FD-1	Total Recoverable	Water	3005A	
MB 180-422194/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-422194/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-228483-2 MS	GWC-9	Total Recoverable	Water	3005A	
680-228483-2 MSD	GWC-9	Total Recoverable	Water	3005A	

Analysis Batch: 422570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-228483-1	GWC-4	Total Recoverable	Water	EPA 6020B	422194
680-228483-2	GWC-9	Total Recoverable	Water	EPA 6020B	422194
680-228483-3	GWC-10	Total Recoverable	Water	EPA 6020B	422194
680-228483-4	GWC-19	Total Recoverable	Water	EPA 6020B	422194
680-228483-5	GWC-20	Total Recoverable	Water	EPA 6020B	422194
680-228483-6	FB-1	Total Recoverable	Water	EPA 6020B	422194
680-228483-7	EB-1	Total Recoverable	Water	EPA 6020B	422194
680-228483-8	FD-1	Total Recoverable	Water	EPA 6020B	422194
MB 180-422194/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	422194
LCS 180-422194/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	422194
680-228483-2 MS	GWC-9	Total Recoverable	Water	EPA 6020B	422194
680-228483-2 MSD	GWC-9	Total Recoverable	Water	EPA 6020B	422194

Field Service / Mobile Lab

Analysis Batch: 422156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-228483-1	GWC-4	Total/NA	Water	Field Sampling	
680-228483-2	GWC-9	Total/NA	Water	Field Sampling	
680-228483-3	GWC-10	Total/NA	Water	Field Sampling	
680-228483-4	GWC-19	Total/NA	Water	Field Sampling	

Eurofins Savannah

QC Association Summary

Client: Southern Company
Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Field Service / Mobile Lab (Continued)

Analysis Batch: 422156 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-228483-5	GWC-20	Total/NA	Water	Field Sampling	

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Lab Chronicle

Client: Southern Company
 Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Client Sample ID: GWC-4
Date Collected: 12/28/22 11:12
Date Received: 12/29/22 15:15

Lab Sample ID: 680-228483-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	422064	12/31/22 15:04	SNL	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	422194	01/03/23 14:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			422570	01/06/23 11:43	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Analysis	Field Sampling		1			422156	12/28/22 11:12	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-9
Date Collected: 12/28/22 11:36
Date Received: 12/29/22 15:15

Lab Sample ID: 680-228483-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	422194	01/03/23 14:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			422570	01/06/23 11:46	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Analysis	Field Sampling		1			422156	12/28/22 11:36	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-10
Date Collected: 12/28/22 15:06
Date Received: 12/29/22 15:15

Lab Sample ID: 680-228483-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	422194	01/03/23 14:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			422570	01/06/23 12:03	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Analysis	Field Sampling		1			422156	12/28/22 15:06	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-19
Date Collected: 12/28/22 11:57
Date Received: 12/29/22 15:15

Lab Sample ID: 680-228483-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	422194	01/03/23 14:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			422570	01/06/23 12:12	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Analysis	Field Sampling		1			422156	12/28/22 11:57	FDS	EET PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Client Sample ID: GWC-20

Lab Sample ID: 680-228483-5

Date Collected: 12/28/22 13:45

Matrix: Water

Date Received: 12/29/22 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	422194	01/03/23 14:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			422570	01/06/23 12:16	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Analysis	Field Sampling		1			422156	12/28/22 13:45	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: FB-1

Lab Sample ID: 680-228483-6

Date Collected: 12/28/22 11:25

Matrix: Water

Date Received: 12/29/22 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	422064	12/31/22 15:23	SNL	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	422194	01/03/23 14:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			422570	01/06/23 12:19	RSK	EET PIT
Instrument ID: DORY										

Client Sample ID: EB-1

Lab Sample ID: 680-228483-7

Date Collected: 12/28/22 12:50

Matrix: Water

Date Received: 12/29/22 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	422194	01/03/23 14:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			422570	01/06/23 12:22	RSK	EET PIT
Instrument ID: DORY										

Client Sample ID: FD-1

Lab Sample ID: 680-228483-8

Date Collected: 12/28/22 00:00

Matrix: Water

Date Received: 12/29/22 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	422194	01/03/23 14:10	HCY	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			422570	01/06/23 12:26	RSK	EET PIT
Instrument ID: DORY										

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22 *
California	State	2891	04-30-23
Connecticut	State	PH-0688	09-30-22 *
Florida	NELAP	E871008	06-30-23
Georgia	State	PA 02-00416	04-30-23
Illinois	NELAP	004375	06-30-23
Kansas	NELAP	E-10350	03-31-23
Kentucky (UST)	State	162013	04-30-23
Kentucky (WW)	State	KY98043	12-31-22 *
Louisiana	NELAP	04041	06-30-22 *
Louisiana (All)	NELAP	04041	06-30-23
Maine	State	PA00164	03-06-24
Minnesota	NELAP	042-999-482	12-31-22 *
New Hampshire	NELAP	2030	04-04-23
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-01-23
North Carolina (WW/SW)	State	434	12-31-23
North Dakota	State	R-227	04-30-23
Oregon	NELAP	PA-2151	02-07-23
Pennsylvania	NELAP	02-00416	04-30-23
Rhode Island	State	LAO00362	12-31-22 *
South Carolina	State	89014	04-20-23
Texas	NELAP	T104704528	03-31-23
US Fish & Wildlife	US Federal Programs	058448	03-31-23
USDA	US Federal Programs	P330-16-00211	06-21-24
Utah	NELAP	PA001462019-8	05-31-23
Virginia	NELAP	10043	09-14-23
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Southern Company
Project/Site: Scherer Resampling Dec 2022

Job ID: 680-228483-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	EET PIT
EPA 6020B	Metals (ICP/MS)	SW846	EET PIT
Field Sampling	Field Sampling	EPA	EET PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET PIT

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



Client Information		Lab PM Fuller, D	
Client Contact: Joju Abraham		E-Mail David.Fuller@et.eurofins.com	
Company: Southern Company		Job #	
Address 241 Ralph McGill Blvd SE B10185		COC No 680-141690-51650.1	
City Atlanta		Page Page 1 of 1	
State, Zip GA, 30308		Job #	
Phone 68027798		Analysis Requested	
Due Date Requested:		Total Number of Containers	
TAT Requested (days): RUSH -		60208-Boron	
Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		60208 - Boron, Calcium	
Lab Project # 68027798		60208 - Boron, Calcium, Nickel	
Lab PO # GPC82130-0003		60208 - Boron, Calcium, Nickel	
Project # 07166235022 ph 02		300_ORGFM_28D - Sulfate	
Site Gypsum Cell 1		60208 - Barium, Calcium	
Sample Date		Field Filtered Sample (Yes or No)	
Sample Time		Perform MS/MSD (Yes or No)	
Sample Type (C=Comp, G=grab)		60208-Boron, Boron, Calcium, Nickel	
Preservation Code		60208 - Boron	
Matrix (Water, Swab, Soil, Sewage, Oil, Urine, Tissue, A&A)		60208 - Calcium	
GWC-4		60208 - Calcium, Nickel	
GWC-9		300_ORGFM_28D - Sulfate	
GWC-10		60208 - Barium, Calcium	
GWC-19		60208 - Boron	
GWC-20		60208 - Boron, Calcium, Nickel	
FB-1		60208 - Boron, Calcium, Nickel	
EB-1		300_ORGFM_28D - Sulfate	
FD-1		60208 - Boron	
Special Instructions/Note: 24 ATLANTA		Special Instructions/Note: PH = 6.20 PH = 6.20 PH = 6.30 PH = 6.29 PH = 6.50	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements Matrix Code = WG	
Empty Kit Relinquished by		Method of Shipment: FedEx	
Relinquished by C. Tidwell (to FedEx)		Date/Time: 12-28-22 @ 7:00	
Relinquished by		Date/Time:	
Relinquished by		Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temperature(s) °C and Other Remarks:	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-228483-1

Login Number: 228483

List Number: 2

Creator: Watson, Debbie

List Source: Eurofins Pittsburgh

List Creation: 12/30/22 01:29 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



APPENDIX B

Laboratory Accreditation
August 2022

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF LABORATORIES

LABORATORY ACCREDITATION PROGRAM

Certifies That

02-00416

Eurofins Pittsburgh

301 Alpha Drive, Pittsburgh, PA, 15238

Having duly met the requirement of

The act of June 29, 2002 (P.L. 596, No. 90)

dealing with Environmental Laboratories Accreditation

(27 Pa. C.S. 4104-4113) and the

National Environmental Laboratory Accreditation Program Standard

is hereby approved as an

Accredited Laboratory

to conduct analysis within the fields of accreditations more fully described in the attached Scope of Accreditation

NELAP accreditation granted by the PA DEP to an environmental laboratory is conditioned upon continued compliance with the current edition of the NELAC Standard or TNI Standard and the following Subchapters and Sections of 25 Pa. Code Chapter 252: Subchapter A (relating to general provisions); Subchapter B (relating to application, fees and supporting documents); Subchapter E (relating to proficiency test study requirements); Subchapter F (relating to assessment requirements); Subchapter G (relating to miscellaneous provisions); Section 252.307; and Section 252.401.

Expiration Date: **04/30/2023**

Certificate Number: **020**



Annamarie Beach

Annamarie Beach, Chief
Laboratory Accreditation Program
Bureau of Laboratories

Continued accreditation status depends on successful ongoing participation in the program
Certificate not transferable Surrender upon revocation
To be conspicuously displayed at the Laboratory
Not valid unless accompanied by a valid Scope of Accreditation
Shall not be used to imply endorsement by the Commonwealth of Pennsylvania
Customers are urged to verify the laboratory's current accreditation status
PA DEP is a NELAP recognized accreditation body

Laboratory Status Summary



Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Status	Effective Date
EPA 1010	B	10234830	Ignitability	1780	NELAP	PA	Applied	03/15/2022
EPA 351.2	2.0	10065404	Kjeldahl nitrogen, total (TKN)	1795	NELAP	PA	Temp Withdraw	08/12/2021
EPA 365.4		10071202	Phosphorus, total	1910	NELAP	PA	Temp Withdraw	08/12/2021
SM 4500-Norg D - 2011	23rd ed.	20120234	Kjeldahl nitrogen, total (TKN)	1795	NELAP	PA	Temp Withdraw	08/12/2021
SM 5210B - 2016	23rd ed.	20135028	Biochemical oxygen demand (BOD)	1530	NELAP	PA	Suspended	05/31/2022
SM 5210B - 2016	23rd ed.	20135028	Carbonaceous BOD (CBOD)	1555	NELAP	PA	Suspended	05/31/2022

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Status	Effective Date
EPA 1010	B	10234830	Ignitability	1780	NELAP	PA	Applied	03/15/2022
EPA 351.2	2.0	10065404	Kjeldahl nitrogen, total (TKN)	1795	NELAP	PA	Temp Withdraw	08/12/2021
EPA 365.4		10071202	Phosphorus, total	1910	NELAP	PA	Temp Withdraw	08/12/2021

Ammarie Beach

The Laboratory Status Summary is not a continuation of the Scope of Accreditation. This Status Summary includes fields of accreditation for which the laboratory does not hold accreditation per the effective date listed above.

Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 020-004 expiration date 04/30/2023. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
ASTM D5057-90		30032145	Apparent specific gravity	8042	NELAP	PA	09/27/2010
ASTM D5057-90		30032145	Bulk density	8017	NELAP	PA	09/27/2010
EPA 1010	A	10234807	Ignitability	1780	NELAP	PA	03/04/2013
EPA 120.1		10006403	Conductivity	1610	NELAP	PA	11/15/2011
EPA 1311		10118806	Toxicity characteristic leaching procedure (TCLP)	1466	NELAP	PA	12/05/2013
EPA 160.4		10010409	Residue, volatile	1970	NELAP	PA	02/03/2016
EPA 1664	B	10261617	Non-polar material	1853	NELAP	PA	01/10/2014
EPA 1664	B	10261617	Oil and grease	1803	NELAP	PA	01/10/2014
EPA 180.1	2	10011800	Turbidity	2055	NELAP	PA	08/26/2006
EPA 200.7	4.4	10013806	Aluminum	1000	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Antimony	1005	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Arsenic	1010	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Barium	1015	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Beryllium	1020	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Boron	1025	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Cadmium	1030	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Calcium	1035	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Chromium	1040	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Cobalt	1050	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Copper	1055	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Iron	1070	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Lead	1075	NELAP	PA	04/07/2005

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DEP Laboratory ID: 02-00416
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TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 200.7	4.4	10013806	Lithium	1080	NELAP	PA	09/05/2012
EPA 200.7	4.4	10013806	Magnesium	1085	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Manganese	1090	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Molybdenum	1100	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Nickel	1105	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Potassium	1125	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Selenium	1140	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Silica, as SiO ₂	1990	NELAP	PA	08/24/2005
EPA 200.7	4.4	10013806	Silver	1150	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Sodium	1155	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Strontium	1160	NELAP	PA	03/01/2007
EPA 200.7	4.4	10013806	Thallium	1165	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Tin	1175	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Titanium	1180	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Vanadium	1185	NELAP	PA	04/07/2005
EPA 200.7	4.4	10013806	Zinc	1190	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Aluminum	1000	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Antimony	1005	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Arsenic	1010	NELAP	PA	03/21/2012
EPA 200.8	5.4	10014605	Barium	1015	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Beryllium	1020	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Boron	1025	NELAP	PA	08/24/2005

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 200.8	5.4	10014605	Cadmium	1030	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Calcium	1035	NELAP	PA	08/24/2005
EPA 200.8	5.4	10014605	Chromium	1040	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Cobalt	1050	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Copper	1055	NELAP	PA	11/15/2011
EPA 200.8	5.4	10014605	Iron	1070	NELAP	PA	08/24/2005
EPA 200.8	5.4	10014605	Lead	1075	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Lithium	1080	NELAP	PA	03/24/2017
EPA 200.8	5.4	10014605	Magnesium	1085	NELAP	PA	08/24/2005
EPA 200.8	5.4	10014605	Manganese	1090	NELAP	PA	01/22/2007
EPA 200.8	5.4	10014605	Molybdenum	1100	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Nickel	1105	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Phosphorus, total	1910	NELAP	PA	04/19/2018
EPA 200.8	5.4	10014605	Potassium	1125	NELAP	PA	08/24/2005
EPA 200.8	5.4	10014605	Selenium	1140	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Silica, as SiO2	1990	NELAP	PA	04/18/2006
EPA 200.8	5.4	10014605	Silver	1150	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Sodium	1155	NELAP	PA	08/24/2005
EPA 200.8	5.4	10014605	Strontium	1160	NELAP	PA	03/01/2007
EPA 200.8	5.4	10014605	Thallium	1165	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Thorium	1170	NELAP	PA	03/24/2017
EPA 200.8	5.4	10014605	Tin	1175	NELAP	PA	08/24/2005

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 200.8	5.4	10014605	Titanium	1180	NELAP	PA	08/24/2005
EPA 200.8	5.4	10014605	Uranium (mass)	1184	NELAP	PA	03/24/2017
EPA 200.8	5.4	10014605	Vanadium	1185	NELAP	PA	04/07/2005
EPA 200.8	5.4	10014605	Zinc	1190	NELAP	PA	04/07/2005
EPA 245.1	3.0	10036609	Mercury	1095	NELAP	PA	04/07/2005
EPA 300.0	2.1	10053200	Bromide	1540	NELAP	PA	08/24/2005
EPA 300.0	2.1	10053200	Chloride	1575	NELAP	PA	04/07/2005
EPA 300.0	2.1	10053200	Fluoride	1730	NELAP	PA	08/24/2005
EPA 300.0	2.1	10053200	Nitrate as N	1810	NELAP	PA	04/07/2005
EPA 300.0	2.1	10053200	Nitrite as N	1840	NELAP	PA	04/07/2005
EPA 300.0	2.1	10053200	Orthophosphate as P	1870	NELAP	PA	04/07/2005
EPA 300.0	2.1	10053200	Sulfate	2000	NELAP	PA	04/07/2005
EPA 3005	A	10133207	Preconcentration under acid	1438	NELAP	PA	08/26/2006
EPA 3010	A	10133605	Hot plate acid digestion (HNO ₃ + HCl)	1420	NELAP	PA	08/26/2006
EPA 3060	A	10136604	Alkaline digestion of Cr(VI)	1402	NELAP	PA	08/26/2006
EPA 350.1	2.0	10063602	Ammonia as N	1515	NELAP	PA	07/11/2016
EPA 3510	C	10138202	Separatory funnel liquid-liquid extraction	1444	NELAP	PA	08/26/2006
EPA 3520	C	10139001	Continuous liquid-liquid extraction	1410	NELAP	PA	08/26/2006
EPA 353.2	2.0	10067604	Total nitrate-nitrite	1825	NELAP	PA	08/26/2006
EPA 3620	B	10145809	Florisil cleanup	1414	NELAP	PA	08/26/2006
EPA 3620	C	10146028	Florisil cleanup	1414	NELAP	PA	03/16/2009
EPA 3630	C	10146802	Silica gel cleanup	1446	NELAP	PA	05/22/2020

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 3640	A	10147203	Gel permeation cleanup (GPC)	1418	NELAP	PA	08/26/2006
EPA 3660	B	10148400	Sulfur cleanup	1456	NELAP	PA	08/26/2006
EPA 3665	A	10148808	Sulfuric acid/permanganate clean-up	2020	NELAP	PA	12/30/2019
EPA 410.4	2.0	10077404	Chemical oxygen demand (COD)	1565	NELAP	PA	10/13/2020
EPA 420.1		10079400	Total phenolics	1905	NELAP	PA	04/08/2008
EPA 5030	B	10153409	Aqueous-phase purge-and-trap	1406	NELAP	PA	03/04/2013
EPA 5030	C	10284603	Aqueous-phase purge-and-trap	1406	NELAP	PA	12/05/2013
EPA 6010	C	10155905	Metals by ICP/AES	1097	NELAP	PA	03/16/2009
EPA 6010	D	10155950	Metals by ICP/AES	1097	NELAP	PA	06/05/2019
EPA 6010	C	10155905	Aluminum	1000	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Antimony	1005	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Arsenic	1010	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Barium	1015	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Beryllium	1020	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Boron	1025	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Cadmium	1030	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Calcium	1035	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Chromium	1040	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Cobalt	1050	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Copper	1055	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Iron	1070	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Lead	1075	NELAP	PA	08/26/2006

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TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6010	C	10155905	Lithium	1080	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Magnesium	1085	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Manganese	1090	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Molybdenum	1100	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Nickel	1105	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Potassium	1125	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Selenium	1140	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Silica, as SiO ₂	1990	NELAP	PA	04/18/2006
EPA 6010	C	10155905	Silicon	1145	NELAP	PA	06/03/2010
EPA 6010	C	10155905	Silver	1150	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Sodium	1155	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Strontium	1160	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Thallium	1165	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Tin	1175	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Titanium	1180	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Vanadium	1185	NELAP	PA	08/26/2006
EPA 6010	C	10155905	Zinc	1190	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Aluminum	1000	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Antimony	1005	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Arsenic	1010	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Barium	1015	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Beryllium	1020	NELAP	PA	08/26/2006

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PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6010	D	10155950	Boron	1025	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Cadmium	1030	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Calcium	1035	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Chromium	1040	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Cobalt	1050	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Copper	1055	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Iron	1070	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Lead	1075	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Lithium	1080	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Magnesium	1085	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Manganese	1090	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Molybdenum	1100	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Nickel	1105	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Potassium	1125	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Selenium	1140	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Silica, as SiO2	1990	NELAP	PA	04/18/2006
EPA 6010	D	10155950	Silicon	1145	NELAP	PA	06/03/2010
EPA 6010	D	10155950	Silver	1150	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Sodium	1155	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Strontium	1160	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Thallium	1165	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Tin	1175	NELAP	PA	08/26/2006

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PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6010	D	10155950	Titanium	1180	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Vanadium	1185	NELAP	PA	08/26/2006
EPA 6010	D	10155950	Zinc	1190	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Metals by ICP/MS	1098	NELAP	PA	03/16/2009
EPA 6020	B	10156420	Metals by ICP/MS	1098	NELAP	PA	06/05/2019
EPA 6020	A	10156419	Aluminum	1000	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Antimony	1005	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Arsenic	1010	NELAP	PA	03/21/2012
EPA 6020	A	10156419	Barium	1015	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Beryllium	1020	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Boron	1025	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Cadmium	1030	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Calcium	1035	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Chromium	1040	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Cobalt	1050	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Copper	1055	NELAP	PA	11/15/2011
EPA 6020	A	10156419	Iron	1070	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Lead	1075	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Lithium	1080	NELAP	PA	03/24/2017
EPA 6020	A	10156419	Magnesium	1085	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Manganese	1090	NELAP	PA	01/22/2007
EPA 6020	A	10156419	Molybdenum	1100	NELAP	PA	08/26/2006

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Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6020	A	10156419	Nickel	1105	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Phosphorus, total	1910	NELAP	PA	04/19/2018
EPA 6020	A	10156419	Potassium	1125	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Selenium	1140	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Silica, as SiO2	1990	NELAP	PA	04/18/2006
EPA 6020	A	10156419	Silicon	1145	NELAP	PA	06/03/2010
EPA 6020	A	10156419	Silver	1150	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Sodium	1155	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Strontium	1160	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Thallium	1165	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Thorium	1170	NELAP	PA	03/24/2017
EPA 6020	A	10156419	Tin	1175	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Titanium	1180	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Uranium (mass)	1184	NELAP	PA	03/24/2017
EPA 6020	A	10156419	Vanadium	1185	NELAP	PA	08/26/2006
EPA 6020	A	10156419	Zinc	1190	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Aluminum	1000	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Antimony	1005	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Arsenic	1010	NELAP	PA	03/21/2012
EPA 6020	B	10156420	Barium	1015	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Beryllium	1020	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Boron	1025	NELAP	PA	08/26/2006

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Laboratory Scope of Accreditation



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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6020	B	10156420	Cadmium	1030	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Calcium	1035	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Chromium	1040	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Cobalt	1050	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Copper	1055	NELAP	PA	11/15/2011
EPA 6020	B	10156420	Iron	1070	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Lead	1075	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Lithium	1080	NELAP	PA	03/24/2017
EPA 6020	B	10156420	Magnesium	1085	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Manganese	1090	NELAP	PA	01/22/2007
EPA 6020	B	10156420	Molybdenum	1100	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Nickel	1105	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Phosphorus, total	1910	NELAP	PA	04/19/2018
EPA 6020	B	10156420	Potassium	1125	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Selenium	1140	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Silica, as SiO2	1990	NELAP	PA	04/18/2006
EPA 6020	B	10156420	Silicon	1145	NELAP	PA	06/03/2010
EPA 6020	B	10156420	Silver	1150	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Sodium	1155	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Strontium	1160	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Thallium	1165	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Thorium	1170	NELAP	PA	03/24/2017

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EPA Lab Code: PA00164
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PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6020	B	10156420	Tin	1175	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Titanium	1180	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Uranium (mass)	1184	NELAP	PA	03/24/2017
EPA 6020	B	10156420	Vanadium	1185	NELAP	PA	08/26/2006
EPA 6020	B	10156420	Zinc	1190	NELAP	PA	08/26/2006
EPA 608.3		10296614	4,4'-DDD	7355	NELAP	PA	04/19/2018
EPA 608.3		10296614	4,4'-DDE	7360	NELAP	PA	04/19/2018
EPA 608.3		10296614	4,4'-DDT	7365	NELAP	PA	04/19/2018
EPA 608.3		10296614	Aldrin (HHDN)	7025	NELAP	PA	04/19/2018
EPA 608.3		10296614	Aroclor-1016 (PCB-1016)	8880	NELAP	PA	04/19/2018
EPA 608.3		10296614	Aroclor-1221 (PCB-1221)	8885	NELAP	PA	04/19/2018
EPA 608.3		10296614	Aroclor-1232 (PCB-1232)	8890	NELAP	PA	04/19/2018
EPA 608.3		10296614	Aroclor-1242 (PCB-1242)	8895	NELAP	PA	04/19/2018
EPA 608.3		10296614	Aroclor-1248 (PCB-1248)	8900	NELAP	PA	04/19/2018
EPA 608.3		10296614	Aroclor-1254 (PCB-1254)	8905	NELAP	PA	04/19/2018
EPA 608.3		10296614	Aroclor-1260 (PCB-1260)	8910	NELAP	PA	04/19/2018
EPA 608.3		10296614	Chlordane (tech.)	7250	NELAP	PA	12/30/2019
EPA 608.3		10296614	Dieldrin	7470	NELAP	PA	04/19/2018
EPA 608.3		10296614	Endosulfan I	7510	NELAP	PA	04/19/2018
EPA 608.3		10296614	Endosulfan II	7515	NELAP	PA	04/19/2018
EPA 608.3		10296614	Endosulfan sulfate	7520	NELAP	PA	04/19/2018
EPA 608.3		10296614	Endrin	7540	NELAP	PA	04/19/2018

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(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 608.3		10296614	Endrin aldehyde	7530	NELAP	PA	04/19/2018
EPA 608.3		10296614	Endrin ketone	7535	NELAP	PA	04/19/2018
EPA 608.3		10296614	Heptachlor	7685	NELAP	PA	04/19/2018
EPA 608.3		10296614	Heptachlor epoxide	7690	NELAP	PA	04/19/2018
EPA 608.3		10296614	Methoxychlor	7810	NELAP	PA	04/19/2018
EPA 608.3		10296614	Toxaphene (Chlorinated camphene)	8250	NELAP	PA	04/19/2018
EPA 608.3		10296614	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	NELAP	PA	04/19/2018
EPA 608.3		10296614	alpha-Chlordane	7240	NELAP	PA	04/19/2018
EPA 608.3		10296614	beta-BHC (beta-Hexachlorocyclohexane)	7115	NELAP	PA	04/19/2018
EPA 608.3		10296614	delta-BHC (delta-Hexachlorocyclohexane)	7105	NELAP	PA	04/19/2018
EPA 608.3		10296614	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	NELAP	PA	04/19/2018
EPA 608.3		10296614	gamma-Chlordane	7245	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,1,1,2-Tetrachloroethane	5105	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,1,1-Trichloroethane	5160	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,1,2,2-Tetrachloroethane	5110	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5185	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,1,2-Trichloroethane	5165	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,1-Dichloroethane	4630	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,1-Dichloroethene (1,1-Dichloroethylene)	4640	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,1-Dichloropropene	4670	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,2,3-Trichlorobenzene	5150	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,2,3-Trichloropropane (1,2,3-TCP)	5180	NELAP	PA	04/19/2018

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 624.1		10298121	1,2,4-Trichlorobenzene	5155	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,2,4-Trimethylbenzene	5210	NELAP	PA	11/21/2018
EPA 624.1		10298121	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	4570	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NELAP	PA	11/21/2018
EPA 624.1		10298121	1,2-Dichloroethane	4635	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,2-Dichloroethene (total)	4705	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,2-Dichloropropane	4655	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,3,5-Trimethylbenzene	5215	NELAP	PA	11/21/2018
EPA 624.1		10298121	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NELAP	PA	11/21/2018
EPA 624.1		10298121	1,3-Dichloropropane	4660	NELAP	PA	04/19/2018
EPA 624.1		10298121	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NELAP	PA	11/21/2018
EPA 624.1		10298121	1,4-Dioxane (1,4-Diethyleneoxide)	4735	NELAP	PA	04/19/2018
EPA 624.1		10298121	2,2-Dichloropropane	4665	NELAP	PA	04/19/2018
EPA 624.1		10298121	2-Butanone (Methyl ethyl ketone, MEK)	4410	NELAP	PA	04/19/2018
EPA 624.1		10298121	2-Chloroethyl vinyl ether	4500	NELAP	PA	04/19/2018
EPA 624.1		10298121	2-Chlorotoluene	4535	NELAP	PA	04/19/2018
EPA 624.1		10298121	2-Hexanone	4860	NELAP	PA	04/19/2018
EPA 624.1		10298121	4-Chlorotoluene	4540	NELAP	PA	04/19/2018
EPA 624.1		10298121	4-Methyl-2-pentanone (MIBK)	4995	NELAP	PA	09/14/2021
EPA 624.1		10298121	Acetone	4315	NELAP	PA	04/19/2018

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 624.1		10298121	Acrolein (Propenal)	4325	NELAP	PA	04/19/2018
EPA 624.1		10298121	Acrylonitrile	4340	NELAP	PA	04/19/2018
EPA 624.1		10298121	Allyl chloride (3-Chloropropene)	4355	NELAP	PA	04/19/2018
EPA 624.1		10298121	Benzene	4375	NELAP	PA	04/19/2018
EPA 624.1		10298121	Bromobenzene	4385	NELAP	PA	04/19/2018
EPA 624.1		10298121	Bromochloromethane	4390	NELAP	PA	04/19/2018
EPA 624.1		10298121	Bromodichloromethane	4395	NELAP	PA	04/19/2018
EPA 624.1		10298121	Bromoform	4400	NELAP	PA	04/19/2018
EPA 624.1		10298121	Carbon disulfide	4450	NELAP	PA	04/19/2018
EPA 624.1		10298121	Carbon tetrachloride	4455	NELAP	PA	04/19/2018
EPA 624.1		10298121	Chlorobenzene	4475	NELAP	PA	04/19/2018
EPA 624.1		10298121	Chloroethane	4485	NELAP	PA	04/19/2018
EPA 624.1		10298121	Chloroform	4505	NELAP	PA	04/19/2018
EPA 624.1		10298121	Cyclohexane	4555	NELAP	PA	04/19/2018
EPA 624.1		10298121	Dibromochloromethane	4575	NELAP	PA	04/19/2018
EPA 624.1		10298121	Dibromomethane	4595	NELAP	PA	04/19/2018
EPA 624.1		10298121	Dichlorodifluoromethane (Freon 12)	4625	NELAP	PA	04/19/2018
EPA 624.1		10298121	Dichlorofluoromethane (Freon 21)	4627	NELAP	PA	04/19/2018
EPA 624.1		10298121	Diethyl ether (Ethyl ether)	4725	NELAP	PA	04/19/2018
EPA 624.1		10298121	Ethyl methacrylate	4810	NELAP	PA	04/19/2018
EPA 624.1		10298121	Ethylbenzene	4765	NELAP	PA	04/19/2018
EPA 624.1		10298121	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	4835	NELAP	PA	04/19/2018

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 624.1		10298121	Iodomethane (Methyl iodide)	4870	NELAP	PA	04/19/2018
EPA 624.1		10298121	Isobutyl alcohol (2-Methyl-1-propanol)	4875	NELAP	PA	04/19/2018
EPA 624.1		10298121	Isopropylbenzene (Cumene)	4900	NELAP	PA	04/19/2018
EPA 624.1		10298121	Methyl acetate	4940	NELAP	PA	04/19/2018
EPA 624.1		10298121	Methyl bromide (Bromomethane)	4950	NELAP	PA	04/19/2018
EPA 624.1		10298121	Methyl chloride (Chloromethane)	4960	NELAP	PA	04/19/2018
EPA 624.1		10298121	Methyl tert-butyl ether (MTBE)	5000	NELAP	PA	04/19/2018
EPA 624.1		10298121	Methylcyclohexane	4965	NELAP	PA	04/19/2018
EPA 624.1		10298121	Methylene chloride (Dichloromethane)	4975	NELAP	PA	04/19/2018
EPA 624.1		10298121	Naphthalene	5005	NELAP	PA	12/22/2020
EPA 624.1		10298121	Styrene	5100	NELAP	PA	04/19/2018
EPA 624.1		10298121	Tetrachloroethene (PCE, Perchloroethylene)	5115	NELAP	PA	04/19/2018
EPA 624.1		10298121	Tetrahydrofuran (THF)	5120	NELAP	PA	04/19/2018
EPA 624.1		10298121	Toluene	5140	NELAP	PA	04/19/2018
EPA 624.1		10298121	Trichloroethene (TCE, Trichloroethylene)	5170	NELAP	PA	04/19/2018
EPA 624.1		10298121	Trichlorofluoromethane (Freon 11)	5175	NELAP	PA	04/19/2018
EPA 624.1		10298121	Vinyl acetate	5225	NELAP	PA	04/19/2018
EPA 624.1		10298121	Vinyl chloride (Chloroethene)	5235	NELAP	PA	04/19/2018
EPA 624.1		10298121	Xylenes, total	5260	NELAP	PA	04/19/2018
EPA 624.1		10298121	cis-1,2-Dichloroethene	4645	NELAP	PA	04/19/2018
EPA 624.1		10298121	cis-1,3-Dichloropropene	4680	NELAP	PA	04/19/2018
EPA 624.1		10298121	m+p-Xylene	5240	NELAP	PA	04/19/2018

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 624.1		10298121	n-Butylbenzene	4435	NELAP	PA	04/19/2018
EPA 624.1		10298121	n-Hexane	4855	NELAP	PA	04/19/2018
EPA 624.1		10298121	n-Propylbenzene	5090	NELAP	PA	04/19/2018
EPA 624.1		10298121	o-Xylene	5250	NELAP	PA	04/19/2018
EPA 624.1		10298121	p-Isopropyltoluene (4-Isopropyltoluene)	4910	NELAP	PA	04/19/2018
EPA 624.1		10298121	sec-Butylbenzene	4440	NELAP	PA	04/19/2018
EPA 624.1		10298121	tert-Butyl alcohol (2-Methyl-2-propanol)	4420	NELAP	PA	04/19/2018
EPA 624.1		10298121	tert-Butylbenzene	4445	NELAP	PA	04/19/2018
EPA 624.1		10298121	trans-1,2-Dichloroethene	4700	NELAP	PA	04/19/2018
EPA 624.1		10298121	trans-1,3-Dichloropropene	4685	NELAP	PA	04/19/2018
EPA 624.1		10298121	trans-1,4-Dichloro-2-butene	4605	NELAP	PA	04/19/2018
EPA 625.1		10300024	1,1'-Biphenyl (Biphenyl, Lemonene)	6703	NELAP	PA	04/19/2018
EPA 625.1		10300024	1,2,4,5-Tetrachlorobenzene	6715	NELAP	PA	04/19/2018
EPA 625.1		10300024	1,2,4-Trichlorobenzene	5155	NELAP	PA	04/19/2018
EPA 625.1		10300024	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NELAP	PA	04/19/2018
EPA 625.1		10300024	1,2-Diphenylhydrazine	6220	NELAP	PA	04/19/2018
EPA 625.1		10300024	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NELAP	PA	04/19/2018
EPA 625.1		10300024	1,3-Dinitrobenzene (1,3-DNB)	6160	NELAP	PA	04/19/2018
EPA 625.1		10300024	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NELAP	PA	04/19/2018
EPA 625.1		10300024	1,4-Dioxane (1,4-Diethyleneoxide)	4735	NELAP	PA	04/19/2018
EPA 625.1		10300024	1-Methylnaphthalene	6380	NELAP	PA	04/19/2018

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 625.1		10300024	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	4659	NELAP	PA	04/19/2018
EPA 625.1		10300024	2,3,4,6-Tetrachlorophenol	6735	NELAP	PA	04/19/2018
EPA 625.1		10300024	2,4,5-Trichlorophenol	6835	NELAP	PA	04/19/2018
EPA 625.1		10300024	2,4,6-Trichlorophenol	6840	NELAP	PA	04/19/2018
EPA 625.1		10300024	2,4-Dichlorophenol	6000	NELAP	PA	04/19/2018
EPA 625.1		10300024	2,4-Dimethylphenol	6130	NELAP	PA	04/19/2018
EPA 625.1		10300024	2,4-Dinitrophenol	6175	NELAP	PA	04/19/2018
EPA 625.1		10300024	2,4-Dinitrotoluene (2,4-DNT)	6185	NELAP	PA	04/19/2018
EPA 625.1		10300024	2,6-Dichlorophenol	6005	NELAP	PA	04/19/2018
EPA 625.1		10300024	2,6-Dinitrotoluene (2,6-DNT)	6190	NELAP	PA	04/19/2018
EPA 625.1		10300024	2-Chloronaphthalene	5795	NELAP	PA	04/19/2018
EPA 625.1		10300024	2-Chlorophenol	5800	NELAP	PA	04/19/2018
EPA 625.1		10300024	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	NELAP	PA	04/19/2018
EPA 625.1		10300024	2-Methylnaphthalene	6385	NELAP	PA	04/19/2018
EPA 625.1		10300024	2-Methylphenol (o-Cresol)	6400	NELAP	PA	04/19/2018
EPA 625.1		10300024	2-Nitroaniline	6460	NELAP	PA	04/19/2018
EPA 625.1		10300024	2-Nitrophenol	6490	NELAP	PA	04/19/2018
EPA 625.1		10300024	3+4-Methylphenol (m+p-Cresol)	6412	NELAP	PA	04/19/2018
EPA 625.1		10300024	3,3'-Dichlorobenzidine	5945	NELAP	PA	04/19/2018
EPA 625.1		10300024	3-Nitroaniline	6465	NELAP	PA	04/19/2018
EPA 625.1		10300024	4-Bromophenyl phenyl ether	5660	NELAP	PA	04/19/2018

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Laboratory Scope of Accreditation



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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 625.1		10300024	4-Chloro-3-methylphenol	5700	NELAP	PA	04/19/2018
EPA 625.1		10300024	4-Chloroaniline	5745	NELAP	PA	04/19/2018
EPA 625.1		10300024	4-Chlorophenyl phenyl ether	5825	NELAP	PA	04/19/2018
EPA 625.1		10300024	4-Nitroaniline	6470	NELAP	PA	04/19/2018
EPA 625.1		10300024	4-Nitrophenol	6500	NELAP	PA	04/19/2018
EPA 625.1		10300024	Acenaphthene	5500	NELAP	PA	04/19/2018
EPA 625.1		10300024	Acenaphthylene	5505	NELAP	PA	04/19/2018
EPA 625.1		10300024	Acetophenone	5510	NELAP	PA	04/19/2018
EPA 625.1		10300024	Acrylamide	4330	NELAP	PA	11/21/2018
EPA 625.1		10300024	Aniline	5545	NELAP	PA	04/19/2018
EPA 625.1		10300024	Anthracene	5555	NELAP	PA	04/19/2018
EPA 625.1		10300024	Atrazine	7065	NELAP	PA	04/19/2018
EPA 625.1		10300024	Benzaldehyde	5570	NELAP	PA	04/19/2018
EPA 625.1		10300024	Benzidine	5595	NELAP	PA	04/19/2018
EPA 625.1		10300024	Benzo[a]anthracene	5575	NELAP	PA	04/19/2018
EPA 625.1		10300024	Benzo[a]pyrene	5580	NELAP	PA	04/19/2018
EPA 625.1		10300024	Benzo[b]fluoranthene	5585	NELAP	PA	04/19/2018
EPA 625.1		10300024	Benzo[ghi]perylene	5590	NELAP	PA	04/19/2018
EPA 625.1		10300024	Benzo[k]fluoranthene	5600	NELAP	PA	04/19/2018
EPA 625.1		10300024	Benzoic acid	5610	NELAP	PA	04/19/2018
EPA 625.1		10300024	Benzyl alcohol	5630	NELAP	PA	04/19/2018
EPA 625.1		10300024	Butyl benzyl phthalate (Benzyl butyl phthalate)	5670	NELAP	PA	04/19/2018

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 625.1		10300024	Caprolactam	7180	NELAP	PA	04/19/2018
EPA 625.1		10300024	Carbazole	5680	NELAP	PA	04/19/2018
EPA 625.1		10300024	Chrysene (Benzo[a]phenanthrene)	5855	NELAP	PA	04/19/2018
EPA 625.1		10300024	Cresols (total)	5862	NELAP	PA	04/19/2018
EPA 625.1		10300024	Di-n-butyl phthalate	5925	NELAP	PA	04/19/2018
EPA 625.1		10300024	Di-n-octyl phthalate	6200	NELAP	PA	04/19/2018
EPA 625.1		10300024	Dibenzo[a,h]anthracene	5895	NELAP	PA	04/19/2018
EPA 625.1		10300024	Dibenzofuran	5905	NELAP	PA	04/19/2018
EPA 625.1		10300024	Diethyl phthalate	6070	NELAP	PA	04/19/2018
EPA 625.1		10300024	Dimethyl phthalate	6135	NELAP	PA	04/19/2018
EPA 625.1		10300024	Fluoranthene	6265	NELAP	PA	04/19/2018
EPA 625.1		10300024	Fluorene	6270	NELAP	PA	04/19/2018
EPA 625.1		10300024	Hexachlorobenzene	6275	NELAP	PA	04/19/2018
EPA 625.1		10300024	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	4835	NELAP	PA	04/19/2018
EPA 625.1		10300024	Hexachlorocyclopentadiene	6285	NELAP	PA	04/19/2018
EPA 625.1		10300024	Hexachloroethane	4840	NELAP	PA	04/19/2018
EPA 625.1		10300024	Indeno(1,2,3-cd)pyrene	6315	NELAP	PA	04/19/2018
EPA 625.1		10300024	Isophorone	6320	NELAP	PA	04/19/2018
EPA 625.1		10300024	N-Nitrosodi-n-propylamine	6545	NELAP	PA	04/19/2018
EPA 625.1		10300024	N-Nitrosodimethylamine	6530	NELAP	PA	04/19/2018
EPA 625.1		10300024	N-Nitrosodiphenylamine	6535	NELAP	PA	04/19/2018
EPA 625.1		10300024	Naphthalene	5005	NELAP	PA	04/19/2018

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 625.1		10300024	Nitrobenzene	5015	NELAP	PA	04/19/2018
EPA 625.1		10300024	Pentachlorophenol (PCP)	6605	NELAP	PA	04/19/2018
EPA 625.1		10300024	Phenanthrene	6615	NELAP	PA	04/19/2018
EPA 625.1		10300024	Phenol	6625	NELAP	PA	04/19/2018
EPA 625.1		10300024	Pyrene	6665	NELAP	PA	04/19/2018
EPA 625.1		10300024	Pyridine	5095	NELAP	PA	04/19/2018
EPA 625.1		10300024	bis(2-Chloroethoxy)methane	5760	NELAP	PA	04/19/2018
EPA 625.1		10300024	bis(2-Chloroethyl) ether	5765	NELAP	PA	04/19/2018
EPA 625.1		10300024	bis(2-Ethylhexyl) phthalate (DEHP)	6065	NELAP	PA	04/19/2018
EPA 625.1		10300024	n-Decane	5875	NELAP	PA	04/19/2018
EPA 625.1		10300024	n-Hexadecane	6300	NELAP	PA	04/19/2018
EPA 625.1		10300024	n-Octadecane	6580	NELAP	PA	04/19/2018
EPA 7196	A	10162400	Chromium VI	1045	NELAP	PA	08/26/2006
EPA 7470	A	10165807	Mercury	1095	NELAP	PA	08/26/2006
EPA 8011		10173009	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	4570	NELAP	PA	04/18/2006
EPA 8011		10173009	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	NELAP	PA	04/18/2006
EPA 8081	B	10178811	Organochlorine pesticides by GC/ECD	7937	NELAP	PA	01/01/2013
EPA 8081	B	10178811	2,4'-DDD	8580	NELAP	PA	04/18/2006
EPA 8081	B	10178811	2,4'-DDE	8585	NELAP	PA	04/18/2006
EPA 8081	B	10178811	2,4'-DDT	8590	NELAP	PA	04/18/2006
EPA 8081	B	10178811	4,4'-DDD	7355	NELAP	PA	08/26/2006

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Laboratory Scope of Accreditation



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301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8081	B	10178811	4,4'-DDE	7360	NELAP	PA	08/26/2006
EPA 8081	B	10178811	4,4'-DDT	7365	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Aldrin (HHDN)	7025	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Chlorbenside	7321	NELAP	PA	04/18/2006
EPA 8081	B	10178811	Chlordane (tech.)	7250	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Dacthal (DCPA)	8550	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Diallate (cis or trans)	7405	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Dieldrin	7470	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Endosulfan I	7510	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Endosulfan II	7515	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Endosulfan sulfate	7520	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Endrin	7540	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Endrin aldehyde	7530	NELAP	PA	11/07/2006
EPA 8081	B	10178811	Endrin ketone	7535	NELAP	PA	01/06/2006
EPA 8081	B	10178811	Heptachlor	7685	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Heptachlor epoxide	7690	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Hexachlorobenzene	6275	NELAP	PA	05/20/2011
EPA 8081	B	10178811	Isodrin	7725	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Methoxychlor	7810	NELAP	PA	01/06/2006
EPA 8081	B	10178811	Mirex	7870	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Oxychlordane	3890	NELAP	PA	04/08/2009
EPA 8081	B	10178811	Toxaphene (Chlorinated camphene)	8250	NELAP	PA	08/26/2006

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301 Alpha Drive
Pittsburgh, PA 15238
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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8081	B	10178811	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	NELAP	PA	08/26/2006
EPA 8081	B	10178811	alpha-Chlordane	7240	NELAP	PA	01/06/2006
EPA 8081	B	10178811	beta-BHC (beta-Hexachlorocyclohexane)	7115	NELAP	PA	11/04/2016
EPA 8081	B	10178811	cis-Nonachlor	7925	NELAP	PA	04/18/2006
EPA 8081	B	10178811	delta-BHC (delta-Hexachlorocyclohexane)	7105	NELAP	PA	08/26/2006
EPA 8081	B	10178811	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	NELAP	PA	08/26/2006
EPA 8081	B	10178811	gamma-Chlordane	7245	NELAP	PA	01/06/2006
EPA 8081	B	10178811	trans-Nonachlor	7910	NELAP	PA	04/18/2006
EPA 8082	A	10179358	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ 206)	9095	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	9103	NELAP	PA	04/13/2009
EPA 8082	A	10179358	2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	9065	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,3',4,4'-Hexachlorobiphenyl (BZ 128)	9020	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	9080	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,4,4',5'-Heptachlorobiphenyl (BZ 183)	9075	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	9025	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	9134	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	9139	NELAP	PA	04/13/2009
EPA 8082	A	10179358	2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	8975	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	8945	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	9040	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	8950	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	8980	NELAP	PA	08/26/2006

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8082	A	10179358	2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	8955	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',5-Trichlorobiphenyl (BZ 18)	8930	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,3',4,4',5'-Pentachlorobiphenyl (BZ 123)	9000	NELAP	PA	04/25/2014
EPA 8082	A	10179358	2,3',4,4',5,5'-Hexachlorobiphenyl (BZ 167)	9055	NELAP	PA	04/25/2014
EPA 8082	A	10179358	2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	8995	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	8960	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,3,3',4,4',5'-Hexachlorobiphenyl (BZ 157)	9045	NELAP	PA	04/25/2014
EPA 8082	A	10179358	2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ 189)	9085	NELAP	PA	04/25/2014
EPA 8082	A	10179358	2,3,3',4,4',5-Hexachlorobiphenyl (BZ 156)	9050	NELAP	PA	04/13/2009
EPA 8082	A	10179358	2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	8985	NELAP	PA	04/13/2009
EPA 8082	A	10179358	2,3,4,4',5-Pentachlorobiphenyl (BZ 114)	9005	NELAP	PA	04/25/2014
EPA 8082	A	10179358	2,4'-Dichlorobiphenyl (BZ 8)	9256	NELAP	PA	04/13/2009
EPA 8082	A	10179358	2,4,4'-Trichlorobiphenyl (BZ 28)	9252	NELAP	PA	04/13/2009
EPA 8082	A	10179358	3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	9060	NELAP	PA	04/13/2009
EPA 8082	A	10179358	3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	9015	NELAP	PA	09/06/2012
EPA 8082	A	10179358	3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	8965	NELAP	PA	04/13/2009
EPA 8082	A	10179358	3,4,4',5-Tetrachlorobiphenyl (BZ 81)	8970	NELAP	PA	04/25/2014
EPA 8082	A	10179358	Aroclor-1016 (PCB-1016)	8880	NELAP	PA	08/26/2006
EPA 8082	A	10179358	Aroclor-1221 (PCB-1221)	8885	NELAP	PA	08/26/2006
EPA 8082	A	10179358	Aroclor-1232 (PCB-1232)	8890	NELAP	PA	08/26/2006
EPA 8082	A	10179358	Aroclor-1242 (PCB-1242)	8895	NELAP	PA	08/26/2006
EPA 8082	A	10179358	Aroclor-1248 (PCB-1248)	8900	NELAP	PA	08/26/2006

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(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8082	A	10179358	Aroclor-1254 (PCB-1254)	8905	NELAP	PA	08/26/2006
EPA 8082	A	10179358	Aroclor-1260 (PCB-1260)	8910	NELAP	PA	08/26/2006
EPA 8082	A	10179358	Aroclor-1262 (PCB-1262)	8912	NELAP	PA	04/08/2008
EPA 8082	A	10179358	Aroclor-1268 (PCB-1268)	8913	NELAP	PA	04/08/2008
EPA 8082	A	10179358	Decachlorobiphenyl	9105	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Organophosphorus compounds by GC/NPD	7939	NELAP	PA	04/08/2009
EPA 8141	B	10182204	Azinphos-methyl (Guthion)	7075	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Bolstar (Sulprofos)	7125	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Chlorpyrifos	7300	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Coumaphos	7315	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Demeton	7390	NELAP	PA	04/08/2009
EPA 8141	B	10182204	Demeton-O	7395	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Demeton-S	7385	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Diazinon (Spectracide)	7410	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Dichlorovos (DDVP, Dichlorvos)	8610	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Dimethoate	7475	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Disulfoton	8625	NELAP	PA	08/26/2006
EPA 8141	B	10182204	EPN (Santox)	7550	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Ethoprop (Prophos)	7570	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Famphur	7580	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Fensulfothion	7600	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Fenthion	7605	NELAP	PA	08/26/2006

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8141	B	10182204	Malathion	7770	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Methyl parathion (Parathion, methyl)	7825	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Mevinphos	7850	NELAP	PA	08/26/2006
EPA 8141	B	10182204	O,O,O-Triethyl phosphorothioate	8290	NELAP	PA	03/01/2007
EPA 8141	B	10182204	Parathion, ethyl (Ethyl parathion, Parathion)	7955	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Phorate (Thimet)	7985	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Ronnel	8110	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Stirophos (Tetrachlorovinphos)	8140	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Sulfotepp (Tetraethyl dithiopyrophosphate)	8155	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Thionazine (Thionazin, Zinophos)	8235	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Tokuthion (Prothiophos)	8245	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Trichloronate	8275	NELAP	PA	08/26/2006
EPA 8151	A	10183207	Chlorinated herbicides by GC/ECD	8542	NELAP	PA	04/08/2009
EPA 8151	A	10183207	2,4,5-T	8655	NELAP	PA	08/26/2006
EPA 8151	A	10183207	2,4,5-TP (Silvex)	8650	NELAP	PA	08/26/2006
EPA 8151	A	10183207	2,4-D	8545	NELAP	PA	08/26/2006
EPA 8151	A	10183207	2,4-DB (Butoxon)	8560	NELAP	PA	08/26/2006
EPA 8151	A	10183207	Dalapon (2,2-Dichloropropionic acid)	8555	NELAP	PA	08/26/2006
EPA 8151	A	10183207	Dicamba	8595	NELAP	PA	08/26/2006
EPA 8151	A	10183207	Dichloroprop (Dichlorprop)	8605	NELAP	PA	08/26/2006
EPA 8151	A	10183207	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	8620	NELAP	PA	08/26/2006
EPA 8151	A	10183207	MCPA	7775	NELAP	PA	08/26/2006

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8151	A	10183207	MCPP (Mecoprop)	7780	NELAP	PA	08/26/2006
EPA 8151	A	10183207	Pentachlorophenol (PCP)	6605	NELAP	PA	08/26/2006
EPA 8260	C	10307003	VOCs by GC/MS	5242	NELAP	PA	12/05/2013
EPA 8260	D	10307127	VOCs by GC/MS	5242	NELAP	PA	06/05/2019
EPA 8260	C	10307003	1,1,1,2-Tetrachloroethane	5105	NELAP	PA	04/18/2006
EPA 8260	C	10307003	1,1,1-Trichloroethane	5160	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,1,2,2-Tetrachloroethane	5110	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5185	NELAP	PA	04/18/2006
EPA 8260	C	10307003	1,1,2-Trichloroethane	5165	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,1-Dichloroethane	4630	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,1-Dichloroethene (1,1-Dichloroethylene)	4640	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,1-Dichloropropene	4670	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,2,3-Trichlorobenzene	5150	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,2,3-Trichloropropane (1,2,3-TCP)	5180	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,2,4-Trichlorobenzene	5155	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,2,4-Trimethylbenzene	5210	NELAP	PA	11/21/2018
EPA 8260	C	10307003	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	4570	NELAP	PA	04/18/2006
EPA 8260	C	10307003	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NELAP	PA	11/21/2018
EPA 8260	C	10307003	1,2-Dichloroethane	4635	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,2-Dichloroethene (total)	4705	NELAP	PA	03/01/2007

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	C	10307003	1,2-Dichloropropane	4655	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,3,5-Trichlorobenzene	6800	NELAP	PA	04/08/2009
EPA 8260	C	10307003	1,3,5-Trimethylbenzene	5215	NELAP	PA	11/21/2018
EPA 8260	C	10307003	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NELAP	PA	11/21/2018
EPA 8260	C	10307003	1,3-Dichloropropane	4660	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NELAP	PA	11/21/2018
EPA 8260	C	10307003	1,4-Dioxane (1,4-Diethyleneoxide)	4735	NELAP	PA	08/26/2006
EPA 8260	C	10307003	2,2,4-Trimethylpentane (Iso-octane)	5220	NELAP	PA	12/05/2007
EPA 8260	C	10307003	2,2-Dichloropropane	4665	NELAP	PA	08/26/2006
EPA 8260	C	10307003	2-Butanone (Methyl ethyl ketone, MEK)	4410	NELAP	PA	04/18/2006
EPA 8260	C	10307003	2-Chloroethyl vinyl ether	4500	NELAP	PA	08/26/2006
EPA 8260	C	10307003	2-Chlorotoluene	4535	NELAP	PA	08/26/2006
EPA 8260	C	10307003	2-Hexanone	4860	NELAP	PA	01/06/2006
EPA 8260	C	10307003	4-Chlorotoluene	4540	NELAP	PA	08/26/2006
EPA 8260	C	10307003	4-Methyl-2-pentanone (MIBK)	4995	NELAP	PA	09/14/2021
EPA 8260	C	10307003	Acetone	4315	NELAP	PA	01/06/2006
EPA 8260	C	10307003	Acetonitrile	4320	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Acrolein (Propenal)	4325	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Acrylonitrile	4340	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Allyl chloride (3-Chloropropene)	4355	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Benzene	4375	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Benzyl chloride	5635	NELAP	PA	08/26/2006

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	C	10307003	Bromobenzene	4385	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Bromochloromethane	4390	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Bromodichloromethane	4395	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Bromoform	4400	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Carbon disulfide	4450	NELAP	PA	01/06/2006
EPA 8260	C	10307003	Carbon tetrachloride	4455	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Chlorobenzene	4475	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Chloroethane	4485	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Chloroform	4505	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Chloroprene (2-Chloro-1,3-butadiene)	4525	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Cyclohexane	4555	NELAP	PA	04/18/2006
EPA 8260	C	10307003	Dibromochloromethane	4575	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Dibromomethane	4595	NELAP	PA	04/18/2006
EPA 8260	C	10307003	Dichlorodifluoromethane (Freon 12)	4625	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Dichlorofluoromethane (Freon 21)	4627	NELAP	PA	04/08/2009
EPA 8260	C	10307003	Diethyl ether (Ethyl ether)	4725	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Ethyl acrylate	4760	NELAP	PA	12/05/2007
EPA 8260	C	10307003	Ethyl methacrylate	4810	NELAP	PA	04/18/2006
EPA 8260	C	10307003	Ethylbenzene	4765	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Heptane	4825	NELAP	PA	04/18/2006
EPA 8260	C	10307003	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	4835	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Iodomethane (Methyl iodide)	4870	NELAP	PA	08/26/2006

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	C	10307003	Isobutyl alcohol (2-Methyl-1-propanol)	4875	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Isopropyl alcohol (2-Propanol)	4895	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Isopropylbenzene (Cumene)	4900	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Methacrylonitrile	4925	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Methyl acetate	4940	NELAP	PA	04/18/2006
EPA 8260	C	10307003	Methyl bromide (Bromomethane)	4950	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Methyl chloride (Chloromethane)	4960	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Methyl tert-butyl ether (MTBE)	5000	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Methylcyclohexane	4965	NELAP	PA	04/18/2006
EPA 8260	C	10307003	Methylene chloride (Dichloromethane)	4975	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Methylmethacrylate	4990	NELAP	PA	04/18/2006
EPA 8260	C	10307003	Naphthalene	5005	NELAP	PA	12/22/2020
EPA 8260	C	10307003	Propionitrile (Ethyl cyanide)	5080	NELAP	PA	04/18/2006
EPA 8260	C	10307003	Styrene	5100	NELAP	PA	01/06/2006
EPA 8260	C	10307003	Tetrachloroethene (PCE, Perchloroethylene)	5115	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Tetrahydrofuran (THF)	5120	NELAP	PA	04/22/2010
EPA 8260	C	10307003	Toluene	5140	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Trichloroethene (TCE, Trichloroethylene)	5170	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Trichlorofluoromethane (Freon 11)	5175	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Vinyl acetate	5225	NELAP	PA	01/06/2006
EPA 8260	C	10307003	Vinyl chloride (Chloroethene)	5235	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Xylenes, total	5260	NELAP	PA	03/30/2006

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Laboratory Scope of Accreditation



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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	C	10307003	cis-1,2-Dichloroethene	4645	NELAP	PA	08/26/2006
EPA 8260	C	10307003	cis-1,3-Dichloropropene	4680	NELAP	PA	08/26/2006
EPA 8260	C	10307003	m+p-Xylene	5240	NELAP	PA	08/24/2005
EPA 8260	C	10307003	m-Xylene	5245	NELAP	PA	08/26/2006
EPA 8260	C	10307003	n-Butylbenzene	4435	NELAP	PA	08/26/2006
EPA 8260	C	10307003	n-Hexane	4855	NELAP	PA	12/05/2007
EPA 8260	C	10307003	n-Propylbenzene	5090	NELAP	PA	08/26/2006
EPA 8260	C	10307003	o-Xylene	5250	NELAP	PA	08/24/2005
EPA 8260	C	10307003	p-Isopropyltoluene (4-Isopropyltoluene)	4910	NELAP	PA	08/26/2006
EPA 8260	C	10307003	p-Xylene	5255	NELAP	PA	08/26/2006
EPA 8260	C	10307003	sec-Butylbenzene	4440	NELAP	PA	08/26/2006
EPA 8260	C	10307003	tert-Butyl alcohol (2-Methyl-2-propanol)	4420	NELAP	PA	04/08/2008
EPA 8260	C	10307003	tert-Butylbenzene	4445	NELAP	PA	08/26/2006
EPA 8260	C	10307003	trans-1,2-Dichloroethene	4700	NELAP	PA	08/26/2006
EPA 8260	C	10307003	trans-1,3-Dichloropropene	4685	NELAP	PA	08/26/2006
EPA 8260	C	10307003	trans-1,4-Dichloro-2-butene	4605	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,1,1,2-Tetrachloroethane	5105	NELAP	PA	04/18/2006
EPA 8260	D	10307127	1,1,1-Trichloroethane	5160	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,1,2,2-Tetrachloroethane	5110	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5185	NELAP	PA	04/18/2006
EPA 8260	D	10307127	1,1,2-Trichloroethane	5165	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,1-Dichloroethane	4630	NELAP	PA	08/26/2006

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Laboratory Scope of Accreditation



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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	D	10307127	1,1-Dichloroethene (1,1-Dichloroethylene)	4640	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,1-Dichloropropene	4670	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,2,3-Trichlorobenzene	5150	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,2,3-Trichloropropane (1,2,3-TCP)	5180	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,2,4-Trichlorobenzene	5155	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,2,4-Trimethylbenzene	5210	NELAP	PA	11/21/2018
EPA 8260	D	10307127	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	4570	NELAP	PA	04/18/2006
EPA 8260	D	10307127	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NELAP	PA	11/21/2018
EPA 8260	D	10307127	1,2-Dichloroethane	4635	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,2-Dichloroethene (total)	4705	NELAP	PA	03/01/2007
EPA 8260	D	10307127	1,2-Dichloropropane	4655	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,3,5-Trichlorobenzene	6800	NELAP	PA	04/08/2009
EPA 8260	D	10307127	1,3,5-Trimethylbenzene	5215	NELAP	PA	11/21/2018
EPA 8260	D	10307127	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NELAP	PA	11/21/2018
EPA 8260	D	10307127	1,3-Dichloropropane	4660	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NELAP	PA	11/21/2018
EPA 8260	D	10307127	1,4-Dioxane (1,4-Diethyleneoxide)	4735	NELAP	PA	08/26/2006
EPA 8260	D	10307127	2,2,4-Trimethylpentane (Iso-octane)	5220	NELAP	PA	12/05/2007
EPA 8260	D	10307127	2,2-Dichloropropane	4665	NELAP	PA	08/26/2006
EPA 8260	D	10307127	2-Butanone (Methyl ethyl ketone, MEK)	4410	NELAP	PA	04/18/2006

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301 Alpha Drive
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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	D	10307127	2-Chloroethyl vinyl ether	4500	NELAP	PA	08/26/2006
EPA 8260	D	10307127	2-Chlorotoluene	4535	NELAP	PA	08/26/2006
EPA 8260	D	10307127	2-Hexanone	4860	NELAP	PA	01/06/2006
EPA 8260	D	10307127	4-Chlorotoluene	4540	NELAP	PA	08/26/2006
EPA 8260	D	10307127	4-Methyl-2-pentanone (MIBK)	4995	NELAP	PA	09/14/2021
EPA 8260	D	10307127	Acetone	4315	NELAP	PA	01/06/2006
EPA 8260	D	10307127	Acetonitrile	4320	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Acrolein (Propenal)	4325	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Acrylonitrile	4340	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Allyl chloride (3-Chloropropene)	4355	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Benzene	4375	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Benzyl chloride	5635	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Bromobenzene	4385	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Bromochloromethane	4390	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Bromodichloromethane	4395	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Bromoform	4400	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Carbon disulfide	4450	NELAP	PA	01/06/2006
EPA 8260	D	10307127	Carbon tetrachloride	4455	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Chlorobenzene	4475	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Chloroethane	4485	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Chloroform	4505	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Chloroprene (2-Chloro-1,3-butadiene)	4525	NELAP	PA	08/26/2006

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	D	10307127	Cyclohexane	4555	NELAP	PA	04/18/2006
EPA 8260	D	10307127	Dibromochloromethane	4575	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Dibromomethane	4595	NELAP	PA	04/18/2006
EPA 8260	D	10307127	Dichlorodifluoromethane (Freon 12)	4625	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Dichlorofluoromethane (Freon 21)	4627	NELAP	PA	04/08/2009
EPA 8260	D	10307127	Diethyl ether (Ethyl ether)	4725	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Ethyl acrylate	4760	NELAP	PA	12/05/2007
EPA 8260	D	10307127	Ethyl methacrylate	4810	NELAP	PA	04/18/2006
EPA 8260	D	10307127	Ethylbenzene	4765	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Heptane	4825	NELAP	PA	04/18/2006
EPA 8260	D	10307127	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	4835	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Iodomethane (Methyl iodide)	4870	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Isobutyl alcohol (2-Methyl-1-propanol)	4875	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Isopropyl alcohol (2-Propanol)	4895	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Isopropylbenzene (Cumene)	4900	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Methacrylonitrile	4925	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Methyl acetate	4940	NELAP	PA	04/18/2006
EPA 8260	D	10307127	Methyl bromide (Bromomethane)	4950	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Methyl chloride (Chloromethane)	4960	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Methyl tert-butyl ether (MTBE)	5000	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Methylcyclohexane	4965	NELAP	PA	04/18/2006
EPA 8260	D	10307127	Methylene chloride (Dichloromethane)	4975	NELAP	PA	08/26/2006

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	D	10307127	Methylmethacrylate	4990	NELAP	PA	04/18/2006
EPA 8260	D	10307127	Naphthalene	5005	NELAP	PA	12/22/2020
EPA 8260	D	10307127	Propionitrile (Ethyl cyanide)	5080	NELAP	PA	04/18/2006
EPA 8260	D	10307127	Styrene	5100	NELAP	PA	01/06/2006
EPA 8260	D	10307127	Tetrachloroethene (PCE, Perchloroethylene)	5115	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Tetrahydrofuran (THF)	5120	NELAP	PA	04/22/2010
EPA 8260	D	10307127	Toluene	5140	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Trichloroethene (TCE, Trichloroethylene)	5170	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Trichlorofluoromethane (Freon 11)	5175	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Vinyl acetate	5225	NELAP	PA	01/06/2006
EPA 8260	D	10307127	Vinyl chloride (Chloroethene)	5235	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Xylenes, total	5260	NELAP	PA	03/30/2006
EPA 8260	D	10307127	cis-1,2-Dichloroethene	4645	NELAP	PA	08/26/2006
EPA 8260	D	10307127	cis-1,3-Dichloropropene	4680	NELAP	PA	08/26/2006
EPA 8260	D	10307127	m+p-Xylene	5240	NELAP	PA	08/24/2005
EPA 8260	D	10307127	m-Xylene	5245	NELAP	PA	08/26/2006
EPA 8260	D	10307127	n-Butylbenzene	4435	NELAP	PA	08/26/2006
EPA 8260	D	10307127	n-Hexane	4855	NELAP	PA	12/05/2007
EPA 8260	D	10307127	n-Propylbenzene	5090	NELAP	PA	08/26/2006
EPA 8260	D	10307127	o-Xylene	5250	NELAP	PA	08/24/2005
EPA 8260	D	10307127	p-Isopropyltoluene (4-Isopropyltoluene)	4910	NELAP	PA	08/26/2006
EPA 8260	D	10307127	p-Xylene	5255	NELAP	PA	08/26/2006

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DEP Laboratory ID: 02-00416
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TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	D	10307127	sec-Butylbenzene	4440	NELAP	PA	08/26/2006
EPA 8260	D	10307127	tert-Butyl alcohol (2-Methyl-2-propanol)	4420	NELAP	PA	04/08/2008
EPA 8260	D	10307127	tert-Butylbenzene	4445	NELAP	PA	08/26/2006
EPA 8260	D	10307127	trans-1,2-Dichloroethene	4700	NELAP	PA	08/26/2006
EPA 8260	D	10307127	trans-1,3-Dichloropropene	4685	NELAP	PA	08/26/2006
EPA 8260	D	10307127	trans-1,4-Dichloro-2-butene	4605	NELAP	PA	08/26/2006
EPA 8270	E	10242543	SOCs by GC/MS	6687	NELAP	PA	06/05/2019
EPA 8270	D	10186035	1,1'-Biphenyl (Biphenyl, Lemonene)	6703	NELAP	PA	04/18/2006
EPA 8270	D	10186035	1,2,4,5-Tetrachlorobenzene	6715	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1,2,4-Trichlorobenzene	5155	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1,2-Dinitrobenzene (1,2-DNB)	6155	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1,2-Diphenylhydrazine	6220	NELAP	PA	04/18/2006
EPA 8270	D	10186035	1,3,5-Trinitrobenzene (1,3,5-TNB)	6885	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1,3-Dinitrobenzene (1,3-DNB)	6160	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1,4-Dinitrobenzene (1,4-DNB)	6165	NELAP	PA	04/21/2022
EPA 8270	D	10186035	1,4-Dioxane (1,4-Diethyleneoxide)	4735	NELAP	PA	04/18/2006
EPA 8270	D	10186035	1,4-Naphthoquinone	6420	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1,4-Phenylenediamine	6630	NELAP	PA	12/05/2007
EPA 8270	D	10186035	1-Methylnaphthalene	6380	NELAP	PA	04/08/2009

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
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PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	D	10186035	1-Naphthylamine (alpha-Naphthylamine)	6425	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	4659	NELAP	PA	04/18/2006
EPA 8270	D	10186035	2,3,4,6-Tetrachlorophenol	6735	NELAP	PA	04/18/2006
EPA 8270	D	10186035	2,3,5,6-Tetrachlorophenol	6740	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2,3,7,8-TCDD (Dioxin) (screen)	9619	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2,4,5-Trichlorophenol	6835	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2,4,6-Trichlorophenol	6840	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2,4-Dichlorophenol	6000	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2,4-Dimethylphenol	6130	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2,4-Dinitrophenol	6175	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2,4-Dinitrotoluene (2,4-DNT)	6185	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2,6-Dichlorophenol	6005	NELAP	PA	04/18/2006
EPA 8270	D	10186035	2,6-Dinitrotoluene (2,6-DNT)	6190	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2-Acetylaminofluorene	5515	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2-Chloronaphthalene	5795	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2-Chlorophenol	5800	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	NELAP	PA	04/18/2006
EPA 8270	D	10186035	2-Methylnaphthalene	6385	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2-Methylphenol (o-Cresol)	6400	NELAP	PA	01/06/2006
EPA 8270	D	10186035	2-Naphthylamine (beta-Naphthylamine)	6430	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2-Nitroaniline	6460	NELAP	PA	01/06/2006

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	D	10186035	2-Nitrophenol	6490	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2-Picoline (2-Methylpyridine)	5050	NELAP	PA	04/18/2006
EPA 8270	D	10186035	3+4-Methylphenol (m+p-Cresol)	6412	NELAP	PA	01/06/2006
EPA 8270	D	10186035	3,3'-Dichlorobenzidine	5945	NELAP	PA	08/26/2006
EPA 8270	D	10186035	3,3'-Dimethylbenzidine	6120	NELAP	PA	04/18/2006
EPA 8270	D	10186035	3-Methylcholanthrene	6355	NELAP	PA	08/26/2006
EPA 8270	D	10186035	3-Nitroaniline	6465	NELAP	PA	04/18/2006
EPA 8270	D	10186035	4,4'-Methylenebis(2-chloroaniline)	6365	NELAP	PA	04/18/2006
EPA 8270	D	10186035	4-Aminobiphenyl	5540	NELAP	PA	08/26/2006
EPA 8270	D	10186035	4-Bromophenyl phenyl ether	5660	NELAP	PA	08/26/2006
EPA 8270	D	10186035	4-Chloro-3-methylphenol	5700	NELAP	PA	08/26/2006
EPA 8270	D	10186035	4-Chloroaniline	5745	NELAP	PA	01/06/2006
EPA 8270	D	10186035	4-Chlorophenol	5805	NELAP	PA	08/26/2006
EPA 8270	D	10186035	4-Chlorophenyl phenyl ether	5825	NELAP	PA	08/26/2006
EPA 8270	D	10186035	4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)	6105	NELAP	PA	08/26/2006
EPA 8270	D	10186035	4-Nitroaniline	6470	NELAP	PA	04/18/2006
EPA 8270	D	10186035	4-Nitrophenol	6500	NELAP	PA	08/26/2006
EPA 8270	D	10186035	4-Nitroquinoline-1-oxide	6510	NELAP	PA	08/26/2006
EPA 8270	D	10186035	5-Nitro-o-toluidine	6570	NELAP	PA	08/26/2006
EPA 8270	D	10186035	6-Methylchrysene	6112	NELAP	PA	12/05/2007
EPA 8270	D	10186035	7,12-Dimethylbenz(a)anthracene	6115	NELAP	PA	08/26/2006

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Laboratory Scope of Accreditation



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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	D	10186035	Acenaphthene	5500	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Acenaphthylene	5505	NELAP	PA	10/27/2010
EPA 8270	D	10186035	Acetophenone	5510	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Acrylamide	4330	NELAP	PA	11/21/2018
EPA 8270	D	10186035	Aniline	5545	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Anthracene	5555	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Aramite	5560	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Atrazine	7065	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Benzaldehyde	5570	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Benzidine	5595	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Benzo[a]anthracene	5575	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Benzo[a]pyrene	5580	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Benzo[b]fluoranthene	5585	NELAP	PA	11/15/2011
EPA 8270	D	10186035	Benzo[ghi]perylene	5590	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Benzo[k]fluoranthene	5600	NELAP	PA	11/15/2011
EPA 8270	D	10186035	Benzoic acid	5610	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Benzyl alcohol	5630	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Butyl benzyl phthalate (Benzyl butyl phthalate)	5670	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Caprolactam	7180	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Carbazole	5680	NELAP	PA	01/06/2006
EPA 8270	D	10186035	Chlorobenzilate	7260	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Chrysene (Benzo[a]phenanthrene)	5855	NELAP	PA	08/26/2006

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	D	10186035	Cresols (total)	5862	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Di-n-butyl phthalate	5925	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Di-n-octyl phthalate	6200	NELAP	PA	11/15/2011
EPA 8270	D	10186035	Diallate (cis or trans)	7405	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Dibenz[a,h]acridine	9354	NELAP	PA	12/05/2007
EPA 8270	D	10186035	Dibenzo[a,h]anthracene	5895	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Dibenzofuran	5905	NELAP	PA	01/06/2006
EPA 8270	D	10186035	Diethyl phthalate	6070	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Dimethoate	7475	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Dimethyl phthalate	6135	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	8620	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Disulfoton	8625	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Ethyl methanesulfonate	6260	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Famphur	7580	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Fluoranthene	6265	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Fluorene	6270	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Hexachlorobenzene	6275	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	4835	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Hexachlorocyclopentadiene	6285	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Hexachloroethane	4840	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Hexachloropropene	6295	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Indene	6312	NELAP	PA	04/08/2009

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
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PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	D	10186035	Indeno(1,2,3-cd)pyrene	6315	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Isodrin	7725	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Isophorone	6320	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Isosafrole	6325	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Kepone	7740	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Methapyrilene	6345	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Methyl methanesulfonate	6375	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Methyl parathion (Parathion, methyl)	7825	NELAP	PA	04/18/2006
EPA 8270	D	10186035	N-Nitrosodi-n-butylamine	5025	NELAP	PA	04/18/2006
EPA 8270	D	10186035	N-Nitrosodi-n-propylamine	6545	NELAP	PA	08/26/2006
EPA 8270	D	10186035	N-Nitrosodiethylamine	6525	NELAP	PA	08/26/2006
EPA 8270	D	10186035	N-Nitrosodimethylamine	6530	NELAP	PA	08/26/2006
EPA 8270	D	10186035	N-Nitrosodiphenylamine	6535	NELAP	PA	08/26/2006
EPA 8270	D	10186035	N-Nitrosomethylethylamine	6550	NELAP	PA	04/18/2006
EPA 8270	D	10186035	N-Nitrosomorpholine	6555	NELAP	PA	08/26/2006
EPA 8270	D	10186035	N-Nitrosopiperidine	6560	NELAP	PA	08/26/2006
EPA 8270	D	10186035	N-Nitrosopyrrolidine	6565	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Naphthalene	5005	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Nitrobenzene	5015	NELAP	PA	08/26/2006
EPA 8270	D	10186035	O,O,O-Triethyl phosphorothioate	8290	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Parathion, ethyl (Ethyl parathion, Parathion)	7955	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Pentachlorobenzene	6590	NELAP	PA	04/18/2006

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Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	D	10186035	Pentachloroethane	5035	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Pentachloronitrobenzene (PCNB)	6600	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Pentachlorophenol (PCP)	6605	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Phenacetin	6610	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Phenanthrene	6615	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Phenol	6625	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Phorate (Thimet)	7985	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Pronamide (Kerb)	6650	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Pyrene	6665	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Pyridine	5095	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Safrole	6685	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Sulfotepp (Tetraethyl dithiopyrophosphate)	8155	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Thionazine (Thionazin, Zinophos)	8235	NELAP	PA	08/26/2006
EPA 8270	D	10186035	bis(2-Chloroethoxy)methane	5760	NELAP	PA	08/26/2006
EPA 8270	D	10186035	bis(2-Chloroethyl) ether	5765	NELAP	PA	08/26/2006
EPA 8270	D	10186035	bis(2-Ethylhexyl) phthalate (DEHP)	6065	NELAP	PA	08/26/2006
EPA 8270	D	10186035	n-Octadecane	6580	NELAP	PA	04/08/2009
EPA 8270	D	10186035	o-Toluidine (2-Toluidine, 2-Methylaniline)	5145	NELAP	PA	04/18/2006
EPA 8270	D	10186035	p-(Dimethylamino)azobenzene	6105	NELAP	PA	04/08/2009
EPA 8270	D	10186035	p-Phenylenediamine	6630	NELAP	PA	04/08/2009
EPA 8270	E	10242543	1,1'-Biphenyl (Biphenyl, Lemonene)	6703	NELAP	PA	04/18/2006
EPA 8270	E	10242543	1,2,4,5-Tetrachlorobenzene	6715	NELAP	PA	08/26/2006

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Attached to Certificate of Accreditation 020-004 expiration date 04/30/2023. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	1,2,4-Trichlorobenzene	5155	NELAP	PA	08/26/2006
EPA 8270	E	10242543	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NELAP	PA	08/26/2006
EPA 8270	E	10242543	1,2-Dinitrobenzene (1,2-DNB)	6155	NELAP	PA	08/26/2006
EPA 8270	E	10242543	1,2-Diphenylhydrazine	6220	NELAP	PA	04/18/2006
EPA 8270	E	10242543	1,3,5-Trinitrobenzene (1,3,5-TNB)	6885	NELAP	PA	08/26/2006
EPA 8270	E	10242543	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NELAP	PA	08/26/2006
EPA 8270	E	10242543	1,3-Dinitrobenzene (1,3-DNB)	6160	NELAP	PA	08/26/2006
EPA 8270	E	10242543	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NELAP	PA	08/26/2006
EPA 8270	E	10242543	1,4-Dinitrobenzene (1,4-DNB)	6165	NELAP	PA	04/21/2022
EPA 8270	E	10242543	1,4-Dioxane (1,4-Diethyleneoxide)	4735	NELAP	PA	04/18/2006
EPA 8270	E	10242543	1,4-Naphthoquinone	6420	NELAP	PA	08/26/2006
EPA 8270	E	10242543	1,4-Phenylenediamine	6630	NELAP	PA	12/05/2007
EPA 8270	E	10242543	1-Methylnaphthalene	6380	NELAP	PA	04/08/2009
EPA 8270	E	10242543	1-Naphthylamine (alpha-Naphthylamine)	6425	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	4659	NELAP	PA	04/18/2006
EPA 8270	E	10242543	2,3,4,6-Tetrachlorophenol	6735	NELAP	PA	04/18/2006
EPA 8270	E	10242543	2,3,5,6-Tetrachlorophenol	6740	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2,3,7,8-TCDD (Dioxin) (screen)	9619	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2,4,5-Trichlorophenol	6835	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2,4,6-Trichlorophenol	6840	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2,4-Dichlorophenol	6000	NELAP	PA	08/26/2006

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	2,4-Dimethylphenol	6130	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2,4-Dinitrophenol	6175	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2,4-Dinitrotoluene (2,4-DNT)	6185	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2,6-Dichlorophenol	6005	NELAP	PA	04/18/2006
EPA 8270	E	10242543	2,6-Dinitrotoluene (2,6-DNT)	6190	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2-Acetylaminofluorene	5515	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2-Chloronaphthalene	5795	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2-Chlorophenol	5800	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	NELAP	PA	04/18/2006
EPA 8270	E	10242543	2-Methylnaphthalene	6385	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2-Methylphenol (o-Cresol)	6400	NELAP	PA	01/06/2006
EPA 8270	E	10242543	2-Naphthylamine (beta-Naphthylamine)	6430	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2-Nitroaniline	6460	NELAP	PA	01/06/2006
EPA 8270	E	10242543	2-Nitrophenol	6490	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2-Picoline (2-Methylpyridine)	5050	NELAP	PA	04/18/2006
EPA 8270	E	10242543	3+4-Methylphenol (m+p-Cresol)	6412	NELAP	PA	01/06/2006
EPA 8270	E	10242543	3,3'-Dichlorobenzidine	5945	NELAP	PA	08/26/2006
EPA 8270	E	10242543	3,3'-Dimethylbenzidine	6120	NELAP	PA	04/18/2006
EPA 8270	E	10242543	3-Methylcholanthrene	6355	NELAP	PA	08/26/2006
EPA 8270	E	10242543	3-Nitroaniline	6465	NELAP	PA	04/18/2006
EPA 8270	E	10242543	4,4'-Methylenebis(2-chloroaniline)	6365	NELAP	PA	04/18/2006
EPA 8270	E	10242543	4-Aminobiphenyl	5540	NELAP	PA	08/26/2006

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Laboratory Scope of Accreditation



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301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	4-Bromophenyl phenyl ether	5660	NELAP	PA	08/26/2006
EPA 8270	E	10242543	4-Chloro-3-methylphenol	5700	NELAP	PA	08/26/2006
EPA 8270	E	10242543	4-Chloroaniline	5745	NELAP	PA	01/06/2006
EPA 8270	E	10242543	4-Chlorophenol	5805	NELAP	PA	08/26/2006
EPA 8270	E	10242543	4-Chlorophenyl phenyl ether	5825	NELAP	PA	08/26/2006
EPA 8270	E	10242543	4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)	6105	NELAP	PA	08/26/2006
EPA 8270	E	10242543	4-Nitroaniline	6470	NELAP	PA	04/18/2006
EPA 8270	E	10242543	4-Nitrophenol	6500	NELAP	PA	08/26/2006
EPA 8270	E	10242543	4-Nitroquinoline-1-oxide	6510	NELAP	PA	08/26/2006
EPA 8270	E	10242543	5-Nitro-o-toluidine	6570	NELAP	PA	08/26/2006
EPA 8270	E	10242543	6-Methylchrysene	6112	NELAP	PA	12/05/2007
EPA 8270	E	10242543	7,12-Dimethylbenz(a)anthracene	6115	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Acenaphthene	5500	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Acenaphthylene	5505	NELAP	PA	10/27/2010
EPA 8270	E	10242543	Acetophenone	5510	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Acrylamide	4330	NELAP	PA	11/21/2018
EPA 8270	E	10242543	Aniline	5545	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Anthracene	5555	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Aramite	5560	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Atrazine	7065	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Benzaldehyde	5570	NELAP	PA	08/26/2006

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	Benzydine	5595	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Benzo[a]anthracene	5575	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Benzo[a]pyrene	5580	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Benzo[b]fluoranthene	5585	NELAP	PA	11/15/2011
EPA 8270	E	10242543	Benzo[ghi]perylene	5590	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Benzo[k]fluoranthene	5600	NELAP	PA	11/15/2011
EPA 8270	E	10242543	Benzoic acid	5610	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Benzyl alcohol	5630	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Butyl benzyl phthalate (Benzyl butyl phthalate)	5670	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Caprolactam	7180	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Carbazole	5680	NELAP	PA	01/06/2006
EPA 8270	E	10242543	Chlorobenzilate	7260	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Chrysene (Benzo[a]phenanthrene)	5855	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Cresols (total)	5862	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Di-n-butyl phthalate	5925	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Di-n-octyl phthalate	6200	NELAP	PA	11/15/2011
EPA 8270	E	10242543	Diallate (cis or trans)	7405	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Dibenz[a,h]acridine	9354	NELAP	PA	12/05/2007
EPA 8270	E	10242543	Dibenzo[a,h]anthracene	5895	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Dibenzofuran	5905	NELAP	PA	01/06/2006
EPA 8270	E	10242543	Diethyl phthalate	6070	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Dimethoate	7475	NELAP	PA	08/26/2006

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Laboratory Scope of Accreditation



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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	Dimethyl phthalate	6135	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	8620	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Disulfoton	8625	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Ethyl methanesulfonate	6260	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Famphur	7580	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Fluoranthene	6265	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Fluorene	6270	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Hexachlorobenzene	6275	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	4835	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Hexachlorocyclopentadiene	6285	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Hexachloroethane	4840	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Hexachloropropene	6295	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Indene	6312	NELAP	PA	04/08/2009
EPA 8270	E	10242543	Indeno(1,2,3-cd)pyrene	6315	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Isodrin	7725	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Isophorone	6320	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Isosafrole	6325	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Kepone	7740	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Methapyrilene	6345	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Methyl methanesulfonate	6375	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Methyl parathion (Parathion, methyl)	7825	NELAP	PA	04/18/2006
EPA 8270	E	10242543	N-Nitrosodi-n-butylamine	5025	NELAP	PA	04/18/2006

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Eurofins Pittsburgh
301 Alpha Drive
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(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	N-Nitrosodi-n-propylamine	6545	NELAP	PA	08/26/2006
EPA 8270	E	10242543	N-Nitrosodiethylamine	6525	NELAP	PA	08/26/2006
EPA 8270	E	10242543	N-Nitrosodimethylamine	6530	NELAP	PA	08/26/2006
EPA 8270	E	10242543	N-Nitrosodiphenylamine	6535	NELAP	PA	08/26/2006
EPA 8270	E	10242543	N-Nitrosomethylethylamine	6550	NELAP	PA	04/18/2006
EPA 8270	E	10242543	N-Nitrosomorpholine	6555	NELAP	PA	08/26/2006
EPA 8270	E	10242543	N-Nitrosopiperidine	6560	NELAP	PA	08/26/2006
EPA 8270	E	10242543	N-Nitrosopyrrolidine	6565	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Naphthalene	5005	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Nitrobenzene	5015	NELAP	PA	08/26/2006
EPA 8270	E	10242543	O,O,O-Triethyl phosphorothioate	8290	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Parathion, ethyl (Ethyl parathion, Parathion)	7955	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Pentachlorobenzene	6590	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Pentachloroethane	5035	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Pentachloronitrobenzene (PCNB)	6600	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Pentachlorophenol (PCP)	6605	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Phenacetin	6610	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Phenanthrene	6615	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Phenol	6625	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Phorate (Thimet)	7985	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Pronamide (Kerb)	6650	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Pyrene	6665	NELAP	PA	08/26/2006

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	Pyridine	5095	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Safrole	6685	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Sulfotepp (Tetraethyl dithiopyrophosphate)	8155	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Thionazine (Thionazin, Zinophos)	8235	NELAP	PA	08/26/2006
EPA 8270	E	10242543	bis(2-Chloroethoxy)methane	5760	NELAP	PA	08/26/2006
EPA 8270	E	10242543	bis(2-Chloroethyl) ether	5765	NELAP	PA	08/26/2006
EPA 8270	E	10242543	bis(2-Ethylhexyl) phthalate (DEHP)	6065	NELAP	PA	08/26/2006
EPA 8270	E	10242543	n-Octadecane	6580	NELAP	PA	04/08/2009
EPA 8270	E	10242543	o-Toluidine (2-Toluidine, 2-Methylaniline)	5145	NELAP	PA	04/18/2006
EPA 8270	E	10242543	p-(Dimethylamino)azobenzene	6105	NELAP	PA	04/08/2009
EPA 8270	E	10242543	p-Phenylenediamine	6630	NELAP	PA	04/08/2009
EPA 9010	C	10193109	Total cyanide	1645	NELAP	PA	03/04/2013
EPA 9014		10193836	Total cyanide	1645	NELAP	PA	12/14/2012
EPA 9030	B	10195605	Sulfide	2005	NELAP	PA	10/25/2018
EPA 9034		10196006	Sulfide	2005	NELAP	PA	10/25/2018
EPA 9040	C	10244403	pH	1900	NELAP	PA	08/26/2006
EPA 9050	A	10198808	Conductivity	1610	NELAP	PA	03/16/2009
EPA 9056	A	10199607	Anions by IC	1522	NELAP	PA	03/16/2009
EPA 9056	A	10199607	Bromide	1540	NELAP	PA	08/26/2006
EPA 9056	A	10199607	Chloride	1575	NELAP	PA	08/26/2006
EPA 9056	A	10199607	Fluoride	1730	NELAP	PA	08/26/2006
EPA 9056	A	10199607	Nitrate as N	1810	NELAP	PA	08/26/2006

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Laboratory Scope of Accreditation



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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 9056	A	10199607	Nitrite as N	1840	NELAP	PA	08/26/2006
EPA 9056	A	10199607	Orthophosphate as P	1870	NELAP	PA	08/26/2006
EPA 9056	A	10199607	Sulfate	2000	NELAP	PA	08/26/2006
EPA 9060	A	10244823	Total organic carbon (TOC)	2040	NELAP	PA	04/22/2010
EPA 9065		10200405	Total phenolics	1905	NELAP	PA	04/08/2008
EPA 9070	A	10245020	Non-polar material	1853	NELAP	PA	12/30/2019
EPA 9070	A	10245020	Oil and grease	1803	NELAP	PA	04/04/2007
OIA 1677-09		60031450	Available cyanide	1523	NELAP	PA	08/24/2005
OIA 1677-09		60031450	Free cyanide	1640	NELAP	PA	04/19/2018
SM 2120B - 2011	23rd ed.	20039036	Color	1605	NELAP	PA	04/10/2007
SM 2310B - 2011	23rd ed.	20043838	Acidity as CaCO ₃	1500	NELAP	PA	11/21/2018
SM 2320B - 2011	23rd ed.	20045436	Alkalinity as CaCO ₃	1505	NELAP	PA	01/22/2007
SM 2510B - 2011	23rd ed.	20048435	Conductivity	1610	NELAP	PA	04/21/2010
SM 2520B - 2011	23rd ed.	20048639	Salinity	1975	NELAP	PA	04/08/2008
SM 2540B - 2015	23rd ed.	20048684	Residue, total	1950	NELAP	PA	04/10/2007
SM 2540C - 2015	23rd ed.	20050457	Residue, filterable (TDS)	1955	NELAP	PA	10/13/2010
SM 2540D - 2015	23rd ed.	20050446	Residue, nonfilterable (TSS)	1960	NELAP	PA	04/10/2007
SM 2540E - 2015	23rd ed.	20051234	Fixed suspended solids	1948	NELAP	PA	04/13/2009
SM 2540E - 2015	23rd ed.	20051234	Residue, volatile	1970	NELAP	PA	02/03/2016
SM 2540E - 2015	23rd ed.	20051234	Volatile suspended solids	2070	NELAP	PA	04/13/2009
SM 2540F - 2015	23rd ed.	20051621	Residue, settleable	1965	NELAP	PA	04/10/2007
SM 2580B - 2011	23rd ed.	20054040	Oxidation-reduction potential	1871	NELAP	PA	05/04/2009

Ammerie Beach

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DEP Laboratory ID: 02-00416
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TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
SM 3500-Cr B - 2011	23rd ed.	20066039	Chromium VI	1045	NELAP	PA	08/24/2005
SM 4500-CN- C - 2016	23rd ed.	20095458	Cyanide distillation	1412	NELAP	PA	12/14/2012
SM 4500-CN- E - 2016	23rd ed.	20096224	Total cyanide	1645	NELAP	PA	12/14/2012
SM 4500-CI G - 2011	23rd ed.	20081441	Total residual chlorine	1940	NELAP	PA	04/08/2008
SM 4500-H + B - 2011	23rd ed.	20105037	pH	1900	NELAP	PA	04/10/2007
SM 4500-O G - 2016	23rd ed.	20121420	Oxygen (dissolved)	1880	NELAP	PA	03/16/2009
SM 4500-S2- F - 2011	22nd ed.	20126414	Sulfide	2005	NELAP	PA	10/25/2018
SM 5310C - 2014	23rd ed.	20138630	Dissolved organic carbon (DOC)	1710	NELAP	PA	07/12/2010
SM 5310C - 2014	23rd ed.	20138630	Total organic carbon (TOC)	2040	NELAP	PA	07/12/2010
SM 5540C - 2011	23rd ed.	20144836	Surfactants as MBAS	2025	NELAP	PA	01/03/2022

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
ASTM D3987-85		30030730	Shake extraction of solid waste with water	1386	NELAP	PA	12/05/2007
ASTM D5057-90		30032145	Apparent specific gravity	8042	NELAP	PA	09/27/2010
ASTM D5057-90		30032145	Bulk density	8017	NELAP	PA	09/27/2010
EPA 1010	A	10234807	Ignitability	1780	NELAP	PA	04/09/2009
EPA 1020	B	10117109	Ignitability	1780	NELAP	PA	04/09/2009
EPA 1020	C	10117154	Ignitability	1780	NELAP	PA	04/21/2022
EPA 1311		10118806	Toxicity characteristic leaching procedure (TCLP)	1466	NELAP	PA	04/07/2005

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Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 1312		10119003	Synthetic precipitation leaching procedure (SPLP)	1460	NELAP	PA	04/18/2006
EPA 1664	B	10261617	Non-polar material	1853	NELAP	PA	04/21/2022
EPA 1664	B	10261617	Oil and grease	1803	NELAP	PA	07/14/2022
EPA 300.0	2.1	10053200	Bromide	1540	NELAP	PA	04/20/2011
EPA 300.0	2.1	10053200	Chloride	1575	NELAP	PA	04/20/2011
EPA 300.0	2.1	10053200	Fluoride	1730	NELAP	PA	04/20/2011
EPA 300.0	2.1	10053200	Nitrate as N	1810	NELAP	PA	04/20/2011
EPA 300.0	2.1	10053200	Nitrite as N	1840	NELAP	PA	04/20/2011
EPA 300.0	2.1	10053200	Orthophosphate as P	1870	NELAP	PA	04/20/2011
EPA 300.0	2.1	10053200	Sulfate	2000	NELAP	PA	04/20/2011
EPA 3005	A	10133207	Preconcentration under acid	1438	NELAP	PA	04/07/2005
EPA 3010	A	10133605	Hot plate acid digestion (HNO ₃ + HCl)	1420	NELAP	PA	04/07/2005
EPA 3050	B	10135601	Acid digestion of solids	1400	NELAP	PA	04/07/2005
EPA 3060	A	10136604	Alkaline digestion of Cr(VI)	1402	NELAP	PA	04/07/2005
EPA 350.1	2.0	10063602	Ammonia as N	1515	NELAP	PA	08/26/2006
EPA 3510	C	10138202	Separatory funnel liquid-liquid extraction	1444	NELAP	PA	04/07/2005
EPA 3520	C	10139001	Continuous liquid-liquid extraction	1410	NELAP	PA	04/07/2005
EPA 353.2	2.0	10067604	Total nitrate-nitrite	1825	NELAP	PA	04/20/2011
EPA 3541		10140406	Automated soxhlet extraction	1454	NELAP	PA	04/07/2005
EPA 3580	A	10143007	Waste dilution	1470	NELAP	PA	04/07/2005
EPA 3585		10143201	Waste dilution for VOCs	1472	NELAP	PA	04/07/2005
EPA 3620	B	10145809	Florisol cleanup	1414	NELAP	PA	04/18/2006

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Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 3620	C	10146028	Florisil cleanup	1414	NELAP	PA	04/09/2009
EPA 3630	C	10146802	Silica gel cleanup	1446	NELAP	PA	05/22/2020
EPA 3640	A	10147203	Gel permeation cleanup (GPC)	1418	NELAP	PA	04/18/2006
EPA 3660	B	10148400	Sulfur cleanup	1456	NELAP	PA	04/18/2006
EPA 3665	A	10148808	Sulfuric acid/permanganate clean-up	2020	NELAP	PA	04/18/2006
EPA 410.4	2.0	10077404	Chemical oxygen demand (COD)	1565	NELAP	PA	08/26/2006
EPA 5030	B	10153409	Aqueous-phase purge-and-trap	1406	NELAP	PA	03/04/2013
EPA 5035	A	10284807	Closed-system purge-and-trap (freezing option)	1391	NELAP	PA	06/15/2012
EPA 5035	A	10284807	Closed-system purge-and-trap (methanol option)	1392	NELAP	PA	06/15/2012
EPA 5035	A	10284807	Closed-system purge-and-trap (unpreserved)	1393	NELAP	PA	06/15/2012
EPA 5035		10154004	Closed-system purge-and-trap (bisulfate option)	1390	NELAP	PA	04/07/2005
EPA 5035		10154004	Closed-system purge-and-trap (methanol option)	1392	NELAP	PA	04/07/2005
EPA 5035		10154004	Closed-system purge-and-trap (unpreserved)	1393	NELAP	PA	08/24/2005
EPA 6010	C	10155905	Metals by ICP/AES	1097	NELAP	PA	04/09/2009
EPA 6010	D	10155905	Metals by ICP/AES	1097	NELAP	PA	06/05/2019
EPA 6010	C	10155905	Aluminum	1000	NELAP	PA	08/24/2005
EPA 6010	C	10155905	Antimony	1005	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Arsenic	1010	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Barium	1015	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Beryllium	1020	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Boron	1025	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Cadmium	1030	NELAP	PA	04/07/2005

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Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6010	C	10155905	Calcium	1035	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Chromium	1040	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Cobalt	1050	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Copper	1055	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Iron	1070	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Lead	1075	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Lithium	1080	NELAP	PA	04/22/2010
EPA 6010	C	10155905	Magnesium	1085	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Manganese	1090	NELAP	PA	07/14/2022
EPA 6010	C	10155905	Molybdenum	1100	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Nickel	1105	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Potassium	1125	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Selenium	1140	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Silica, as SiO ₂	1990	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Silicon	1145	NELAP	PA	06/03/2010
EPA 6010	C	10155905	Silver	1150	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Sodium	1155	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Strontium	1160	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Thallium	1165	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Tin	1175	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Titanium	1180	NELAP	PA	04/07/2005
EPA 6010	C	10155905	Vanadium	1185	NELAP	PA	04/07/2005

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Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6010	C	10155905	Zinc	1190	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Aluminum	1000	NELAP	PA	08/24/2005
EPA 6010	D	10155950	Antimony	1005	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Arsenic	1010	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Barium	1015	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Beryllium	1020	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Boron	1025	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Cadmium	1030	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Calcium	1035	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Chromium	1040	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Cobalt	1050	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Copper	1055	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Iron	1070	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Lead	1075	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Lithium	1080	NELAP	PA	04/22/2010
EPA 6010	D	10155950	Magnesium	1085	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Manganese	1090	NELAP	PA	07/14/2022
EPA 6010	D	10155950	Molybdenum	1100	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Nickel	1105	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Potassium	1125	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Selenium	1140	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Silica, as SiO ₂	1990	NELAP	PA	04/07/2005

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Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6010	D	10155950	Silicon	1145	NELAP	PA	06/03/2010
EPA 6010	D	10155950	Silver	1150	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Sodium	1155	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Strontium	1160	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Thallium	1165	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Tin	1175	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Titanium	1180	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Vanadium	1185	NELAP	PA	04/07/2005
EPA 6010	D	10155950	Zinc	1190	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Metals by ICP/MS	1098	NELAP	PA	04/09/2009
EPA 6020	B	10156420	Metals by ICP/MS	1098	NELAP	PA	06/05/2019
EPA 6020	A	10156419	Aluminum	1000	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Antimony	1005	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Arsenic	1010	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Barium	1015	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Beryllium	1020	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Boron	1025	NELAP	PA	08/24/2005
EPA 6020	A	10156419	Cadmium	1030	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Calcium	1035	NELAP	PA	08/24/2005
EPA 6020	A	10156419	Chromium	1040	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Cobalt	1050	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Copper	1055	NELAP	PA	04/07/2005

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Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6020	A	10156419	Iron	1070	NELAP	PA	08/24/2005
EPA 6020	A	10156419	Lead	1075	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Lithium	1080	NELAP	PA	03/24/2017
EPA 6020	A	10156419	Magnesium	1085	NELAP	PA	08/24/2005
EPA 6020	A	10156419	Manganese	1090	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Molybdenum	1100	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Nickel	1105	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Potassium	1125	NELAP	PA	08/24/2005
EPA 6020	A	10156419	Selenium	1140	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Silica, as SiO ₂	1990	NELAP	PA	04/18/2006
EPA 6020	A	10156419	Silicon	1145	NELAP	PA	06/03/2010
EPA 6020	A	10156419	Silver	1150	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Sodium	1155	NELAP	PA	08/24/2005
EPA 6020	A	10156419	Strontium	1160	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Thallium	1165	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Thorium	1170	NELAP	PA	03/24/2017
EPA 6020	A	10156419	Tin	1175	NELAP	PA	08/24/2005
EPA 6020	A	10156419	Titanium	1180	NELAP	PA	08/24/2005
EPA 6020	A	10156419	Uranium (mass)	1184	NELAP	PA	03/24/2017
EPA 6020	A	10156419	Vanadium	1185	NELAP	PA	04/07/2005
EPA 6020	A	10156419	Zinc	1190	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Aluminum	1000	NELAP	PA	04/07/2005

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Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6020	B	10156420	Antimony	1005	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Arsenic	1010	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Barium	1015	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Beryllium	1020	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Boron	1025	NELAP	PA	08/24/2005
EPA 6020	B	10156420	Cadmium	1030	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Calcium	1035	NELAP	PA	08/24/2005
EPA 6020	B	10156420	Chromium	1040	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Cobalt	1050	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Copper	1055	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Iron	1070	NELAP	PA	08/24/2005
EPA 6020	B	10156420	Lead	1075	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Lithium	1080	NELAP	PA	03/24/2017
EPA 6020	B	10156420	Magnesium	1085	NELAP	PA	08/24/2005
EPA 6020	B	10156420	Manganese	1090	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Molybdenum	1100	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Nickel	1105	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Potassium	1125	NELAP	PA	08/24/2005
EPA 6020	B	10156420	Selenium	1140	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Silica, as SiO ₂	1990	NELAP	PA	04/18/2006
EPA 6020	B	10156420	Silicon	1145	NELAP	PA	06/03/2010
EPA 6020	B	10156420	Silver	1150	NELAP	PA	04/07/2005

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Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 6020	B	10156420	Sodium	1155	NELAP	PA	08/24/2005
EPA 6020	B	10156420	Strontium	1160	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Thallium	1165	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Thorium	1170	NELAP	PA	03/24/2017
EPA 6020	B	10156420	Tin	1175	NELAP	PA	08/24/2005
EPA 6020	B	10156420	Titanium	1180	NELAP	PA	08/24/2005
EPA 6020	B	10156420	Uranium (mass)	1184	NELAP	PA	03/24/2017
EPA 6020	B	10156420	Vanadium	1185	NELAP	PA	04/07/2005
EPA 6020	B	10156420	Zinc	1190	NELAP	PA	04/07/2005
EPA 7196	A	10162400	Chromium VI	1045	NELAP	PA	04/07/2005
EPA 7470	A	10165807	Mercury	1095	NELAP	PA	08/26/2006
EPA 7471	B	10166457	Mercury	1095	NELAP	PA	04/09/2009
EPA 8081	B	10178811	Organochlorine pesticides by GC/ECD	7937	NELAP	PA	01/01/2013
EPA 8081	B	10178811	2,4'-DDD	8580	NELAP	PA	04/18/2006
EPA 8081	B	10178811	2,4'-DDE	8585	NELAP	PA	04/18/2006
EPA 8081	B	10178811	2,4'-DDT	8590	NELAP	PA	04/18/2006
EPA 8081	B	10178811	4,4'-DDD	7355	NELAP	PA	04/07/2005
EPA 8081	B	10178811	4,4'-DDE	7360	NELAP	PA	04/07/2005
EPA 8081	B	10178811	4,4'-DDT	7365	NELAP	PA	04/07/2005
EPA 8081	B	10178811	Aldrin (HHDN)	7025	NELAP	PA	04/07/2005
EPA 8081	B	10178811	Chlorbenside	7321	NELAP	PA	04/18/2006
EPA 8081	B	10178811	Chlordane (tech.)	7250	NELAP	PA	04/07/2005

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Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 020-004 expiration date 04/30/2023. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8081	B	10178811	Dacthal (DCPA)	8550	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Diallate (cis or trans)	7405	NELAP	PA	08/26/2006
EPA 8081	B	10178811	Dieldrin	7470	NELAP	PA	04/07/2005
EPA 8081	B	10178811	Endosulfan I	7510	NELAP	PA	04/07/2005
EPA 8081	B	10178811	Endosulfan II	7515	NELAP	PA	04/07/2005
EPA 8081	B	10178811	Endosulfan sulfate	7520	NELAP	PA	04/07/2005
EPA 8081	B	10178811	Endrin	7540	NELAP	PA	04/07/2005
EPA 8081	B	10178811	Endrin aldehyde	7530	NELAP	PA	04/07/2005
EPA 8081	B	10178811	Endrin ketone	7535	NELAP	PA	04/07/2005
EPA 8081	B	10178811	Heptachlor	7685	NELAP	PA	04/07/2005
EPA 8081	B	10178811	Heptachlor epoxide	7690	NELAP	PA	04/07/2005
EPA 8081	B	10178811	Hexachlorobenzene	6275	NELAP	PA	05/12/2011
EPA 8081	B	10178811	Isodrin	7725	NELAP	PA	08/24/2005
EPA 8081	B	10178811	Methoxychlor	7810	NELAP	PA	04/07/2005
EPA 8081	B	10178811	Mirex	7870	NELAP	PA	08/24/2005
EPA 8081	B	10178811	Oxychlorane	3890	NELAP	PA	04/09/2009
EPA 8081	B	10178811	Toxaphene (Chlorinated camphene)	8250	NELAP	PA	04/07/2005
EPA 8081	B	10178811	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	NELAP	PA	04/07/2005
EPA 8081	B	10178811	alpha-Chlordane	7240	NELAP	PA	04/07/2005
EPA 8081	B	10178811	beta-BHC (beta-Hexachlorocyclohexane)	7115	NELAP	PA	04/07/2005
EPA 8081	B	10178811	cis-Nonachlor	7925	NELAP	PA	04/18/2006
EPA 8081	B	10178811	delta-BHC (delta-Hexachlorocyclohexane)	7105	NELAP	PA	04/07/2005

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8081	B	10178811	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	NELAP	PA	04/07/2005
EPA 8081	B	10178811	gamma-Chlordane	7245	NELAP	PA	04/07/2005
EPA 8081	B	10178811	trans-Nonachlor	7910	NELAP	PA	04/18/2006
EPA 8082	A	10179358	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ 206)	9095	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	9103	NELAP	PA	04/13/2009
EPA 8082	A	10179358	2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	9065	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,3',4,4'-Hexachlorobiphenyl (BZ 128)	9020	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	9080	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	9075	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	9025	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	9134	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	9139	NELAP	PA	04/13/2009
EPA 8082	A	10179358	2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	8975	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	8945	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	9040	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	8950	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	8980	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	8955	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,2',5-Trichlorobiphenyl (BZ 18)	8930	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,3',4,4',5'-Pentachlorobiphenyl (BZ 123)	9000	NELAP	PA	04/25/2014
EPA 8082	A	10179358	2,3',4,4',5,5'-Hexachlorobiphenyl (BZ 167)	9055	NELAP	PA	04/25/2014
EPA 8082	A	10179358	2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	8995	NELAP	PA	08/26/2006

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8082	A	10179358	2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	8960	NELAP	PA	08/26/2006
EPA 8082	A	10179358	2,3,3',4,4',5'-Hexachlorobiphenyl (BZ 157)	9045	NELAP	PA	04/25/2014
EPA 8082	A	10179358	2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ 189)	9085	NELAP	PA	04/25/2014
EPA 8082	A	10179358	2,3,3',4,4',5-Hexachlorobiphenyl (BZ 156)	9050	NELAP	PA	12/30/2019
EPA 8082	A	10179358	2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	8985	NELAP	PA	04/13/2009
EPA 8082	A	10179358	2,3,4,4',5-Pentachlorobiphenyl (BZ 114)	9005	NELAP	PA	04/25/2014
EPA 8082	A	10179358	2,4'-Dichlorobiphenyl (BZ 8)	9256	NELAP	PA	04/13/2009
EPA 8082	A	10179358	2,4,4'-Trichlorobiphenyl (BZ 28)	9252	NELAP	PA	04/13/2009
EPA 8082	A	10179358	3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	9060	NELAP	PA	04/13/2009
EPA 8082	A	10179358	3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	9015	NELAP	PA	04/13/2009
EPA 8082	A	10179358	3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	8965	NELAP	PA	04/13/2009
EPA 8082	A	10179358	3,4,4',5-Tetrachlorobiphenyl (BZ 81)	8970	NELAP	PA	04/25/2014
EPA 8082	A	10179358	Aroclor-1016 (PCB-1016)	8880	NELAP	PA	11/08/2007
EPA 8082	A	10179358	Aroclor-1016 (in oil)	8880	NELAP	PA	10/19/2016
EPA 8082	A	10179358	Aroclor-1221 (PCB-1221)	8885	NELAP	PA	11/08/2007
EPA 8082	A	10179358	Aroclor-1221 (in oil)	8885	NELAP	PA	10/19/2016
EPA 8082	A	10179358	Aroclor-1232 (PCB-1232)	8890	NELAP	PA	11/08/2007
EPA 8082	A	10179358	Aroclor-1232 (in oil)	8890	NELAP	PA	10/19/2016
EPA 8082	A	10179358	Aroclor-1242 (PCB-1242)	8895	NELAP	PA	11/08/2007
EPA 8082	A	10179358	Aroclor-1242 (in oil)	8895	NELAP	PA	10/19/2016
EPA 8082	A	10179358	Aroclor-1248 (PCB-1248)	8900	NELAP	PA	11/08/2007
EPA 8082	A	10179358	Aroclor-1248 (in oil)	8900	NELAP	PA	10/19/2016

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Laboratory Scope of Accreditation



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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8082	A	10179358	Aroclor-1254 (PCB-1254)	8905	NELAP	PA	11/08/2007
EPA 8082	A	10179358	Aroclor-1254 (in oil)	8905	NELAP	PA	10/19/2016
EPA 8082	A	10179358	Aroclor-1260 (PCB-1260)	8910	NELAP	PA	11/08/2007
EPA 8082	A	10179358	Aroclor-1260 (in oil)	8910	NELAP	PA	10/19/2016
EPA 8082	A	10179358	Aroclor-1262 (PCB-1262)	8912	NELAP	PA	04/08/2008
EPA 8082	A	10179358	Aroclor-1268 (PCB-1268)	8913	NELAP	PA	04/08/2008
EPA 8082	A	10179358	Decachlorobiphenyl	9105	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Organophosphorus compounds by GC/NPD	7939	NELAP	PA	04/09/2009
EPA 8141	B	10182204	Azinphos-methyl (Guthion)	7075	NELAP	PA	04/07/2005
EPA 8141	B	10182204	Bolstar (Sulprofos)	7125	NELAP	PA	04/18/2006
EPA 8141	B	10182204	Chlorpyrifos	7300	NELAP	PA	08/24/2005
EPA 8141	B	10182204	Coumaphos	7315	NELAP	PA	08/24/2005
EPA 8141	B	10182204	Demeton	7390	NELAP	PA	04/09/2009
EPA 8141	B	10182204	Demeton-O	7395	NELAP	PA	04/07/2005
EPA 8141	B	10182204	Demeton-S	7385	NELAP	PA	04/07/2005
EPA 8141	B	10182204	Diazinon (Spectracide)	7410	NELAP	PA	04/07/2005
EPA 8141	B	10182204	Dichlorovos (DDVP, Dichlorvos)	8610	NELAP	PA	08/24/2005
EPA 8141	B	10182204	Dimethoate	7475	NELAP	PA	08/24/2005
EPA 8141	B	10182204	Disulfoton	8625	NELAP	PA	04/07/2005
EPA 8141	B	10182204	EPN (Santox)	7550	NELAP	PA	08/24/2005
EPA 8141	B	10182204	Ethoprop (Prophos)	7570	NELAP	PA	08/24/2005
EPA 8141	B	10182204	Famphur	7580	NELAP	PA	08/24/2005

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8141	B	10182204	Fensulfothion	7600	NELAP	PA	08/24/2005
EPA 8141	B	10182204	Fenthion	7605	NELAP	PA	08/24/2005
EPA 8141	B	10182204	Malathion	7770	NELAP	PA	04/07/2005
EPA 8141	B	10182204	Methyl parathion (Parathion, methyl)	7825	NELAP	PA	04/07/2005
EPA 8141	B	10182204	Mevinphos	7850	NELAP	PA	08/24/2005
EPA 8141	B	10182204	O,O,O-Triethyl phosphorothioate	8290	NELAP	PA	04/18/2006
EPA 8141	B	10182204	Parathion, ethyl (Ethyl parathion, Parathion)	7955	NELAP	PA	04/07/2005
EPA 8141	B	10182204	Phorate (Thimet)	7985	NELAP	PA	08/24/2005
EPA 8141	B	10182204	Ronnel	8110	NELAP	PA	04/18/2006
EPA 8141	B	10182204	Stirophos (Tetrachlorovinphos)	8140	NELAP	PA	04/18/2006
EPA 8141	B	10182204	Sulfotepp (Tetraethyl dithiopyrophosphate)	8155	NELAP	PA	08/26/2006
EPA 8141	B	10182204	Thionazine (Thionazin, Zinophos)	8235	NELAP	PA	04/18/2006
EPA 8141	B	10182204	Tokuthion (Prothiophos)	8245	NELAP	PA	04/18/2006
EPA 8141	B	10182204	Trichloronate	8275	NELAP	PA	04/18/2006
EPA 8151	A	10183207	Chlorinated herbicides by GC/ECD	8542	NELAP	PA	04/08/2009
EPA 8151	A	10183207	2,4,5-T	8655	NELAP	PA	04/07/2005
EPA 8151	A	10183207	2,4,5-TP (Silvex)	8650	NELAP	PA	04/07/2005
EPA 8151	A	10183207	2,4-D	8545	NELAP	PA	04/07/2005
EPA 8151	A	10183207	2,4-DB (Butoxon)	8560	NELAP	PA	04/07/2005
EPA 8151	A	10183207	Dalapon (2,2-Dichloropropionic acid)	8555	NELAP	PA	08/24/2005
EPA 8151	A	10183207	Dicamba	8595	NELAP	PA	04/07/2005
EPA 8151	A	10183207	Dichloroprop (Dichlorprop)	8605	NELAP	PA	04/07/2005

Ammerie Beach

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Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 020-004 expiration date 04/30/2023. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8151	A	10183207	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	8620	NELAP	PA	12/30/2019
EPA 8151	A	10183207	MCPA	7775	NELAP	PA	04/07/2005
EPA 8151	A	10183207	MCPPE (Mecoprop)	7780	NELAP	PA	04/07/2005
EPA 8151	A	10183207	Pentachlorophenol (PCP)	6605	NELAP	PA	04/07/2005
EPA 8260	C	10307003	VOCs by GC/MS	5242	NELAP	PA	12/05/2013
EPA 8260	D	10307127	VOCs by GC/MS	5242	NELAP	PA	06/05/2019
EPA 8260	C	10307003	1,1,1,2-Tetrachloroethane	5105	NELAP	PA	08/24/2005
EPA 8260	C	10307003	1,1,1-Trichloroethane	5160	NELAP	PA	04/07/2005
EPA 8260	C	10307003	1,1,2,2-Tetrachloroethane	5110	NELAP	PA	04/07/2005
EPA 8260	C	10307003	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5185	NELAP	PA	08/24/2005
EPA 8260	C	10307003	1,1,2-Trichloroethane	5165	NELAP	PA	04/07/2005
EPA 8260	C	10307003	1,1-Dichloroethane	4630	NELAP	PA	04/07/2005
EPA 8260	C	10307003	1,1-Dichloroethene (1,1-Dichloroethylene)	4640	NELAP	PA	04/07/2005
EPA 8260	C	10307003	1,1-Dichloropropene	4670	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,2,3-Trichlorobenzene	5150	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,2,3-Trichloropropane (1,2,3-TCP)	5180	NELAP	PA	04/07/2005
EPA 8260	C	10307003	1,2,4-Trichlorobenzene	5155	NELAP	PA	04/07/2005
EPA 8260	C	10307003	1,2,4-Trimethylbenzene	5210	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	4570	NELAP	PA	08/24/2005
EPA 8260	C	10307003	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	NELAP	PA	04/07/2005
EPA 8260	C	10307003	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NELAP	PA	04/07/2005

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301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	C	10307003	1,2-Dichloroethane	4635	NELAP	PA	04/07/2005
EPA 8260	C	10307003	1,2-Dichloroethene (total)	4705	NELAP	PA	03/01/2007
EPA 8260	C	10307003	1,2-Dichloropropane	4655	NELAP	PA	04/07/2005
EPA 8260	C	10307003	1,3,5-Trichlorobenzene	6800	NELAP	PA	04/09/2009
EPA 8260	C	10307003	1,3,5-Trimethylbenzene	5215	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NELAP	PA	04/07/2005
EPA 8260	C	10307003	1,3-Dichloropropane	4660	NELAP	PA	08/26/2006
EPA 8260	C	10307003	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NELAP	PA	04/07/2005
EPA 8260	C	10307003	1,4-Dioxane (1,4-Diethyleneoxide)	4735	NELAP	PA	08/24/2005
EPA 8260	C	10307003	2,2,4-Trimethylpentane (Iso-octane)	5220	NELAP	PA	12/05/2007
EPA 8260	C	10307003	2,2-Dichloropropane	4665	NELAP	PA	08/26/2006
EPA 8260	C	10307003	2-Butanone (Methyl ethyl ketone, MEK)	4410	NELAP	PA	08/24/2005
EPA 8260	C	10307003	2-Chloroethyl vinyl ether	4500	NELAP	PA	04/07/2005
EPA 8260	C	10307003	2-Chlorotoluene	4535	NELAP	PA	04/07/2005
EPA 8260	C	10307003	2-Hexanone	4860	NELAP	PA	08/24/2005
EPA 8260	C	10307003	4-Chlorotoluene	4540	NELAP	PA	04/07/2005
EPA 8260	C	10307003	4-Methyl-2-pentanone (MIBK)	4995	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Acetone	4315	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Acetonitrile	4320	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Acrolein (Propenal)	4325	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Acrylonitrile	4340	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Allyl chloride (3-Chloropropene)	4355	NELAP	PA	08/26/2006

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Laboratory Scope of Accreditation



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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	C	10307003	Benzene	4375	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Benzyl chloride	5635	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Bromobenzene	4385	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Bromochloromethane	4390	NELAP	PA	08/24/2005
EPA 8260	C	10307003	Bromodichloromethane	4395	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Bromoform	4400	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Carbon disulfide	4450	NELAP	PA	08/24/2005
EPA 8260	C	10307003	Carbon tetrachloride	4455	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Chlorobenzene	4475	NELAP	PA	12/22/2021
EPA 8260	C	10307003	Chloroethane	4485	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Chloroform	4505	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Chloroprene (2-Chloro-1,3-butadiene)	4525	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Cyclohexane	4555	NELAP	PA	04/18/2006
EPA 8260	C	10307003	Dibromochloromethane	4575	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Dibromomethane	4595	NELAP	PA	08/24/2005
EPA 8260	C	10307003	Dichlorodifluoromethane (Freon 12)	4625	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Dichlorofluoromethane (Freon 21)	4627	NELAP	PA	12/30/2019
EPA 8260	C	10307003	Diethyl ether (Ethyl ether)	4725	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Ethyl methacrylate	4810	NELAP	PA	08/24/2005
EPA 8260	C	10307003	Ethylbenzene	4765	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Heptane	4825	NELAP	PA	04/18/2006
EPA 8260	C	10307003	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	4835	NELAP	PA	08/24/2005

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	C	10307003	Iodomethane (Methyl iodide)	4870	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Isobutyl alcohol (2-Methyl-1-propanol)	4875	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Isopropyl alcohol (2-Propanol)	4895	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Isopropylbenzene (Cumene)	4900	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Methacrylonitrile	4925	NELAP	PA	08/26/2006
EPA 8260	C	10307003	Methyl acetate	4940	NELAP	PA	04/18/2006
EPA 8260	C	10307003	Methyl bromide (Bromomethane)	4950	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Methyl chloride (Chloromethane)	4960	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Methyl tert-butyl ether (MTBE)	5000	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Methylcyclohexane	4965	NELAP	PA	04/18/2006
EPA 8260	C	10307003	Methylene chloride (Dichloromethane)	4975	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Methylmethacrylate	4990	NELAP	PA	08/24/2005
EPA 8260	C	10307003	Naphthalene	5005	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Propionitrile (Ethyl cyanide)	5080	NELAP	PA	08/24/2005
EPA 8260	C	10307003	Styrene	5100	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Tetrachloroethene (PCE, Perchloroethylene)	5115	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Tetrahydrofuran (THF)	5120	NELAP	PA	04/22/2010
EPA 8260	C	10307003	Toluene	5140	NELAP	PA	12/22/2021
EPA 8260	C	10307003	Trichloroethene (TCE, Trichloroethylene)	5170	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Trichlorofluoromethane (Freon 11)	5175	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Vinyl acetate	5225	NELAP	PA	04/07/2005
EPA 8260	C	10307003	Vinyl chloride (Chloroethene)	5235	NELAP	PA	04/07/2005

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	C	10307003	Xylenes, total	5260	NELAP	PA	04/07/2005
EPA 8260	C	10307003	cis-1,2-Dichloroethene	4645	NELAP	PA	04/07/2005
EPA 8260	C	10307003	cis-1,3-Dichloropropene	4680	NELAP	PA	04/07/2005
EPA 8260	C	10307003	m+p-Xylene	5240	NELAP	PA	08/26/2006
EPA 8260	C	10307003	m-Xylene	5245	NELAP	PA	04/09/2009
EPA 8260	C	10307003	n-Butylbenzene	4435	NELAP	PA	04/07/2005
EPA 8260	C	10307003	n-Hexane	4855	NELAP	PA	12/05/2007
EPA 8260	C	10307003	n-Propylbenzene	5090	NELAP	PA	04/07/2005
EPA 8260	C	10307003	o-Xylene	5250	NELAP	PA	08/26/2006
EPA 8260	C	10307003	p-Isopropyltoluene (4-Isopropyltoluene)	4910	NELAP	PA	08/26/2006
EPA 8260	C	10307003	p-Xylene	5255	NELAP	PA	04/09/2009
EPA 8260	C	10307003	sec-Butylbenzene	4440	NELAP	PA	04/07/2005
EPA 8260	C	10307003	tert-Butyl alcohol (2-Methyl-2-propanol)	4420	NELAP	PA	04/08/2008
EPA 8260	C	10307003	tert-Butylbenzene	4445	NELAP	PA	04/07/2005
EPA 8260	C	10307003	trans-1,2-Dichloroethene	4700	NELAP	PA	04/07/2005
EPA 8260	C	10307003	trans-1,3-Dichloropropene	4685	NELAP	PA	04/07/2005
EPA 8260	C	10307003	trans-1,4-Dichloro-2-butene	4605	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,1,1,2-Tetrachloroethane	5105	NELAP	PA	08/24/2005
EPA 8260	D	10307127	1,1,1-Trichloroethane	5160	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,1,2,2-Tetrachloroethane	5110	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5185	NELAP	PA	08/24/2005
EPA 8260	D	10307127	1,1,2-Trichloroethane	5165	NELAP	PA	04/07/2005

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	D	10307127	1,1-Dichloroethane	4630	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,1-Dichloroethene (1,1-Dichloroethylene)	4640	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,1-Dichloropropene	4670	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,2,3-Trichlorobenzene	5150	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,2,3-Trichloropropane (1,2,3-TCP)	5180	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,2,4-Trichlorobenzene	5155	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,2,4-Trimethylbenzene	5210	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	4570	NELAP	PA	08/24/2005
EPA 8260	D	10307127	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,2-Dichloroethane	4635	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,2-Dichloroethene (total)	4705	NELAP	PA	03/01/2007
EPA 8260	D	10307127	1,2-Dichloropropane	4655	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,3,5-Trichlorobenzene	6800	NELAP	PA	04/09/2009
EPA 8260	D	10307127	1,3,5-Trimethylbenzene	5215	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,3-Dichloropropane	4660	NELAP	PA	08/26/2006
EPA 8260	D	10307127	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NELAP	PA	04/07/2005
EPA 8260	D	10307127	1,4-Dioxane (1,4-Diethyleneoxide)	4735	NELAP	PA	08/24/2005
EPA 8260	D	10307127	2,2,4-Trimethylpentane (Iso-octane)	5220	NELAP	PA	12/05/2007
EPA 8260	D	10307127	2,2-Dichloropropane	4665	NELAP	PA	08/26/2006

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Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	D	10307127	2-Butanone (Methyl ethyl ketone, MEK)	4410	NELAP	PA	08/24/2005
EPA 8260	D	10307127	2-Chloroethyl vinyl ether	4500	NELAP	PA	04/07/2005
EPA 8260	D	10307127	2-Chlorotoluene	4535	NELAP	PA	04/07/2005
EPA 8260	D	10307127	2-Hexanone	4860	NELAP	PA	08/24/2005
EPA 8260	D	10307127	4-Chlorotoluene	4540	NELAP	PA	04/07/2005
EPA 8260	D	10307127	4-Methyl-2-pentanone (MIBK)	4995	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Acetone	4315	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Acetonitrile	4320	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Acrolein (Propenal)	4325	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Acrylonitrile	4340	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Allyl chloride (3-Chloropropene)	4355	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Benzene	4375	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Benzyl chloride	5635	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Bromobenzene	4385	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Bromochloromethane	4390	NELAP	PA	08/24/2005
EPA 8260	D	10307127	Bromodichloromethane	4395	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Bromoform	4400	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Carbon disulfide	4450	NELAP	PA	08/24/2005
EPA 8260	D	10307127	Carbon tetrachloride	4455	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Chlorobenzene	4475	NELAP	PA	12/22/2021
EPA 8260	D	10307127	Chloroethane	4485	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Chloroform	4505	NELAP	PA	04/07/2005

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Laboratory Scope of Accreditation



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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	D	10307127	Chloroprene (2-Chloro-1,3-butadiene)	4525	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Cyclohexane	4555	NELAP	PA	04/18/2006
EPA 8260	D	10307127	Dibromochloromethane	4575	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Dibromomethane	4595	NELAP	PA	08/24/2005
EPA 8260	D	10307127	Dichlorodifluoromethane (Freon 12)	4625	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Dichlorofluoromethane (Freon 21)	4627	NELAP	PA	12/30/2019
EPA 8260	D	10307127	Diethyl ether (Ethyl ether)	4725	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Ethyl methacrylate	4810	NELAP	PA	08/24/2005
EPA 8260	D	10307127	Ethylbenzene	4765	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Heptane	4825	NELAP	PA	04/18/2006
EPA 8260	D	10307127	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	4835	NELAP	PA	08/24/2005
EPA 8260	D	10307127	Iodomethane (Methyl iodide)	4870	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Isobutyl alcohol (2-Methyl-1-propanol)	4875	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Isopropyl alcohol (2-Propanol)	4895	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Isopropylbenzene (Cumene)	4900	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Methacrylonitrile	4925	NELAP	PA	08/26/2006
EPA 8260	D	10307127	Methyl acetate	4940	NELAP	PA	04/18/2006
EPA 8260	D	10307127	Methyl bromide (Bromomethane)	4950	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Methyl chloride (Chloromethane)	4960	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Methyl tert-butyl ether (MTBE)	5000	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Methylcyclohexane	4965	NELAP	PA	04/18/2006
EPA 8260	D	10307127	Methylene chloride (Dichloromethane)	4975	NELAP	PA	04/07/2005

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Laboratory Scope of Accreditation



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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	D	10307127	Methylmethacrylate	4990	NELAP	PA	08/24/2005
EPA 8260	D	10307127	Naphthalene	5005	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Propionitrile (Ethyl cyanide)	5080	NELAP	PA	08/24/2005
EPA 8260	D	10307127	Styrene	5100	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Tetrachloroethene (PCE, Perchloroethylene)	5115	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Tetrahydrofuran (THF)	5120	NELAP	PA	04/22/2010
EPA 8260	D	10307127	Toluene	5140	NELAP	PA	12/22/2021
EPA 8260	D	10307127	Trichloroethene (TCE, Trichloroethylene)	5170	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Trichlorofluoromethane (Freon 11)	5175	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Vinyl acetate	5225	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Vinyl chloride (Chloroethene)	5235	NELAP	PA	04/07/2005
EPA 8260	D	10307127	Xylenes, total	5260	NELAP	PA	04/07/2005
EPA 8260	D	10307127	cis-1,2-Dichloroethene	4645	NELAP	PA	04/07/2005
EPA 8260	D	10307127	cis-1,3-Dichloropropene	4680	NELAP	PA	04/07/2005
EPA 8260	D	10307127	m+p-Xylene	5240	NELAP	PA	08/26/2006
EPA 8260	D	10307127	m-Xylene	5245	NELAP	PA	04/09/2009
EPA 8260	D	10307127	n-Butylbenzene	4435	NELAP	PA	04/07/2005
EPA 8260	D	10307127	n-Hexane	4855	NELAP	PA	12/05/2007
EPA 8260	D	10307127	n-Propylbenzene	5090	NELAP	PA	04/07/2005
EPA 8260	D	10307127	o-Xylene	5250	NELAP	PA	08/26/2006
EPA 8260	D	10307127	p-Isopropyltoluene (4-Isopropyltoluene)	4910	NELAP	PA	08/26/2006
EPA 8260	D	10307127	p-Xylene	5255	NELAP	PA	04/09/2009

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Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8260	D	10307127	sec-Butylbenzene	4440	NELAP	PA	04/07/2005
EPA 8260	D	10307127	tert-Butyl alcohol (2-Methyl-2-propanol)	4420	NELAP	PA	04/08/2008
EPA 8260	D	10307127	tert-Butylbenzene	4445	NELAP	PA	04/07/2005
EPA 8260	D	10307127	trans-1,2-Dichloroethene	4700	NELAP	PA	04/07/2005
EPA 8260	D	10307127	trans-1,3-Dichloropropene	4685	NELAP	PA	04/07/2005
EPA 8260	D	10307127	trans-1,4-Dichloro-2-butene	4605	NELAP	PA	04/07/2005
EPA 8270	E	10242543	SOCs by GC/MS	6687	NELAP	PA	06/05/2019
EPA 8270	D	10186035	1,1'-Biphenyl (Biphenyl, Lemonene)	6703	NELAP	PA	04/18/2006
EPA 8270	D	10186035	1,2,4,5-Tetrachlorobenzene	6715	NELAP	PA	04/07/2005
EPA 8270	D	10186035	1,2,4-Trichlorobenzene	5155	NELAP	PA	04/07/2005
EPA 8270	D	10186035	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NELAP	PA	04/07/2005
EPA 8270	D	10186035	1,2-Diphenylhydrazine	6220	NELAP	PA	04/18/2006
EPA 8270	D	10186035	1,3,5-Trinitrobenzene (1,3,5-TNB)	6885	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NELAP	PA	04/07/2005
EPA 8270	D	10186035	1,3-Dinitrobenzene (1,3-DNB)	6160	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NELAP	PA	04/07/2005
EPA 8270	D	10186035	1,4-Dinitrobenzene (1,4-DNB)	6165	NELAP	PA	04/21/2022
EPA 8270	D	10186035	1,4-Dioxane (1,4-Diethyleneoxide)	4735	NELAP	PA	08/24/2005
EPA 8270	D	10186035	1,4-Naphthoquinone	6420	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1,4-Phenylenediamine	6630	NELAP	PA	12/05/2007
EPA 8270	D	10186035	1-Chloronaphthalene	5790	NELAP	PA	08/26/2006
EPA 8270	D	10186035	1-Methylnaphthalene	6380	NELAP	PA	04/09/2009

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	D	10186035	1-Naphthylamine (alpha-Naphthylamine)	6425	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	4659	NELAP	PA	04/18/2006
EPA 8270	D	10186035	2,3,4,6-Tetrachlorophenol	6735	NELAP	PA	08/24/2005
EPA 8270	D	10186035	2,3,5,6-Tetrachlorophenol	6740	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2,3,7,8-TCDD (Dioxin) (screen)	9619	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2,4,5-Trichlorophenol	6835	NELAP	PA	04/07/2005
EPA 8270	D	10186035	2,4,6-Trichlorophenol	6840	NELAP	PA	04/07/2005
EPA 8270	D	10186035	2,4-Dichlorophenol	6000	NELAP	PA	04/07/2005
EPA 8270	D	10186035	2,4-Dimethylphenol	6130	NELAP	PA	04/07/2005
EPA 8270	D	10186035	2,4-Dinitrophenol	6175	NELAP	PA	04/07/2005
EPA 8270	D	10186035	2,4-Dinitrotoluene (2,4-DNT)	6185	NELAP	PA	04/07/2005
EPA 8270	D	10186035	2,6-Dichlorophenol	6005	NELAP	PA	08/24/2005
EPA 8270	D	10186035	2,6-Dinitrotoluene (2,6-DNT)	6190	NELAP	PA	04/07/2005
EPA 8270	D	10186035	2-Acetylaminofluorene	5515	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2-Chloronaphthalene	5795	NELAP	PA	10/13/2010
EPA 8270	D	10186035	2-Chlorophenol	5800	NELAP	PA	04/07/2005
EPA 8270	D	10186035	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	NELAP	PA	04/07/2005
EPA 8270	D	10186035	2-Methylnaphthalene	6385	NELAP	PA	04/07/2005
EPA 8270	D	10186035	2-Methylphenol (o-Cresol)	6400	NELAP	PA	04/07/2005
EPA 8270	D	10186035	2-Naphthylamine (beta-Naphthylamine)	6430	NELAP	PA	08/26/2006
EPA 8270	D	10186035	2-Nitroaniline	6460	NELAP	PA	04/07/2005

Ammarie Beach

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	D	10186035	2-Nitrophenol	6490	NELAP	PA	04/07/2005
EPA 8270	D	10186035	2-Picoline (2-Methylpyridine)	5050	NELAP	PA	04/18/2006
EPA 8270	D	10186035	3+4-Methylphenol (m+p-Cresol)	6412	NELAP	PA	04/07/2005
EPA 8270	D	10186035	3,3'-Dichlorobenzidine	5945	NELAP	PA	04/07/2005
EPA 8270	D	10186035	3,3'-Dimethoxybenzidine	6100	NELAP	PA	08/24/2005
EPA 8270	D	10186035	3-Methylcholanthrene	6355	NELAP	PA	08/26/2006
EPA 8270	D	10186035	3-Nitroaniline	6465	NELAP	PA	04/07/2005
EPA 8270	D	10186035	4,4'-Methylenebis(2-chloroaniline)	6365	NELAP	PA	08/24/2005
EPA 8270	D	10186035	4-Aminobiphenyl	5540	NELAP	PA	08/26/2006
EPA 8270	D	10186035	4-Bromophenyl phenyl ether	5660	NELAP	PA	04/07/2005
EPA 8270	D	10186035	4-Chloro-3-methylphenol	5700	NELAP	PA	04/07/2005
EPA 8270	D	10186035	4-Chloroaniline	5745	NELAP	PA	04/07/2005
EPA 8270	D	10186035	4-Chlorophenol	5805	NELAP	PA	08/26/2006
EPA 8270	D	10186035	4-Chlorophenyl phenyl ether	5825	NELAP	PA	04/07/2005
EPA 8270	D	10186035	4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)	6105	NELAP	PA	08/26/2006
EPA 8270	D	10186035	4-Nitroaniline	6470	NELAP	PA	04/07/2005
EPA 8270	D	10186035	4-Nitrophenol	6500	NELAP	PA	04/07/2005
EPA 8270	D	10186035	4-Nitroquinoline-1-oxide	6510	NELAP	PA	08/26/2006
EPA 8270	D	10186035	5-Nitro-o-toluidine	6570	NELAP	PA	08/26/2006
EPA 8270	D	10186035	6-Methylchrysene	6112	NELAP	PA	12/05/2007
EPA 8270	D	10186035	7,12-Dimethylbenz(a)anthracene	6115	NELAP	PA	08/26/2006

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Laboratory Scope of Accreditation



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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	D	10186035	Acenaphthene	5500	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Acenaphthylene	5505	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Acetophenone	5510	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Aniline	5545	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Anthracene	5555	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Aramite	5560	NELAP	PA	08/24/2005
EPA 8270	D	10186035	Atrazine	7065	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Benzaldehyde	5570	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Benzidine	5595	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Benzo[a]anthracene	5575	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Benzo[a]pyrene	5580	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Benzo[b]fluoranthene	5585	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Benzo[ghi]perylene	5590	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Benzo[k]fluoranthene	5600	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Benzoic acid	5610	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Benzyl alcohol	5630	NELAP	PA	08/24/2005
EPA 8270	D	10186035	Butyl benzyl phthalate (Benzyl butyl phthalate)	5670	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Caprolactam	7180	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Carbazole	5680	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Chlorobenzilate	7260	NELAP	PA	08/24/2005
EPA 8270	D	10186035	Chrysene (Benzo[a]phenanthrene)	5855	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Cresols (total)	5862	NELAP	PA	04/18/2006

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(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	D	10186035	Di-n-butyl phthalate	5925	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Di-n-octyl phthalate	6200	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Diallate (cis or trans)	7405	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Dibenz[a,h]acridine	9354	NELAP	PA	12/05/2007
EPA 8270	D	10186035	Dibenzo[a,h]anthracene	5895	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Dibenzofuran	5905	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Diethyl phthalate	6070	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Dimethoate	7475	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Dimethyl phthalate	6135	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	8620	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Disulfoton	8625	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Ethyl methanesulfonate	6260	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Famphur	7580	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Fluoranthene	6265	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Fluorene	6270	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Hexachlorobenzene	6275	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	4835	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Hexachlorocyclopentadiene	6285	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Hexachloroethane	4840	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Hexachloropropene	6295	NELAP	PA	08/24/2005
EPA 8270	D	10186035	Indene	6312	NELAP	PA	04/09/2009
EPA 8270	D	10186035	Indeno(1,2,3-cd)pyrene	6315	NELAP	PA	04/07/2005

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	D	10186035	Isodrin	7725	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Isophorone	6320	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Isosafrole	6325	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Kepone	7740	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Methapyrilene	6345	NELAP	PA	12/05/2007
EPA 8270	D	10186035	Methyl methanesulfonate	6375	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Methyl parathion (Parathion, methyl)	7825	NELAP	PA	08/24/2005
EPA 8270	D	10186035	N-Nitrosodi-n-butylamine	5025	NELAP	PA	08/24/2005
EPA 8270	D	10186035	N-Nitrosodi-n-propylamine	6545	NELAP	PA	04/07/2005
EPA 8270	D	10186035	N-Nitrosodiethylamine	6525	NELAP	PA	04/07/2005
EPA 8270	D	10186035	N-Nitrosodimethylamine	6530	NELAP	PA	04/07/2005
EPA 8270	D	10186035	N-Nitrosodiphenylamine	6535	NELAP	PA	04/07/2005
EPA 8270	D	10186035	N-Nitrosomethylethylamine	6550	NELAP	PA	08/24/2005
EPA 8270	D	10186035	N-Nitrosomorpholine	6555	NELAP	PA	08/26/2006
EPA 8270	D	10186035	N-Nitrosopiperidine	6560	NELAP	PA	08/26/2006
EPA 8270	D	10186035	N-Nitrosopyrrolidine	6565	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Naphthalene	5005	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Nitrobenzene	5015	NELAP	PA	04/07/2005
EPA 8270	D	10186035	O,O,O-Triethyl phosphorothioate	8290	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Parathion, ethyl (Ethyl parathion, Parathion)	7955	NELAP	PA	08/24/2005
EPA 8270	D	10186035	Pentachlorobenzene	6590	NELAP	PA	08/24/2005
EPA 8270	D	10186035	Pentachloroethane	5035	NELAP	PA	08/26/2006

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	D	10186035	Pentachloronitrobenzene (PCNB)	6600	NELAP	PA	08/24/2005
EPA 8270	D	10186035	Pentachlorophenol (PCP)	6605	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Phenacetin	6610	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Phenanthrene	6615	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Phenol	6625	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Phorate (Thimet)	7985	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Pronamide (Kerb)	6650	NELAP	PA	08/24/2005
EPA 8270	D	10186035	Pyrene	6665	NELAP	PA	04/07/2005
EPA 8270	D	10186035	Pyridine	5095	NELAP	PA	04/18/2006
EPA 8270	D	10186035	Safrole	6685	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Sulfotepp (Tetraethyl dithiopyrophosphate)	8155	NELAP	PA	08/26/2006
EPA 8270	D	10186035	Thionazine (Thionazin, Zinophos)	8235	NELAP	PA	08/26/2006
EPA 8270	D	10186035	bis(2-Chloroethoxy)methane	5760	NELAP	PA	04/07/2005
EPA 8270	D	10186035	bis(2-Chloroethyl) ether	5765	NELAP	PA	04/07/2005
EPA 8270	D	10186035	bis(2-Ethylhexyl) phthalate (DEHP)	6065	NELAP	PA	04/07/2005
EPA 8270	D	10186035	n-Octadecane	6580	NELAP	PA	04/09/2009
EPA 8270	D	10186035	o-Toluidine (2-Toluidine, 2-Methylaniline)	5145	NELAP	PA	08/24/2005
EPA 8270	D	10186035	p-(Dimethylamino)azobenzene	6105	NELAP	PA	04/09/2009
EPA 8270	D	10186035	p-Phenylenediamine	6630	NELAP	PA	04/09/2009
EPA 8270	E	10242543	1,1'-Biphenyl (Biphenyl, Lemonene)	6703	NELAP	PA	04/18/2006
EPA 8270	E	10242543	1,2,4,5-Tetrachlorobenzene	6715	NELAP	PA	04/07/2005
EPA 8270	E	10242543	1,2,4-Trichlorobenzene	5155	NELAP	PA	04/07/2005

Ammarie Beach

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	NELAP	PA	04/07/2005
EPA 8270	E	10242543	1,2-Diphenylhydrazine	6220	NELAP	PA	04/18/2006
EPA 8270	E	10242543	1,3,5-Trinitrobenzene (1,3,5-TNB)	6885	NELAP	PA	08/26/2006
EPA 8270	E	10242543	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	NELAP	PA	04/07/2005
EPA 8270	E	10242543	1,3-Dinitrobenzene (1,3-DNB)	6160	NELAP	PA	08/26/2006
EPA 8270	E	10242543	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	NELAP	PA	04/07/2005
EPA 8270	E	10242543	1,4-Dinitrobenzene (1,4-DNB)	6165	NELAP	PA	04/21/2022
EPA 8270	E	10242543	1,4-Dioxane (1,4-Diethyleneoxide)	4735	NELAP	PA	08/24/2005
EPA 8270	E	10242543	1,4-Naphthoquinone	6420	NELAP	PA	08/26/2006
EPA 8270	E	10242543	1,4-Phenylenediamine	6630	NELAP	PA	12/05/2007
EPA 8270	E	10242543	1-Chloronaphthalene	5790	NELAP	PA	08/26/2006
EPA 8270	E	10242543	1-Methylnaphthalene	6380	NELAP	PA	04/09/2009
EPA 8270	E	10242543	1-Naphthylamine (alpha-Naphthylamine)	6425	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	4659	NELAP	PA	04/18/2006
EPA 8270	E	10242543	2,3,4,6-Tetrachlorophenol	6735	NELAP	PA	08/24/2005
EPA 8270	E	10242543	2,3,5,6-Tetrachlorophenol	6740	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2,3,7,8-TCDD (Dioxin) (screen)	9619	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2,4,5-Trichlorophenol	6835	NELAP	PA	04/07/2005
EPA 8270	E	10242543	2,4,6-Trichlorophenol	6840	NELAP	PA	04/07/2005
EPA 8270	E	10242543	2,4-Dichlorophenol	6000	NELAP	PA	04/07/2005
EPA 8270	E	10242543	2,4-Dimethylphenol	6130	NELAP	PA	04/07/2005

Annmarie Beach

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	2,4-Dinitrophenol	6175	NELAP	PA	04/07/2005
EPA 8270	E	10242543	2,4-Dinitrotoluene (2,4-DNT)	6185	NELAP	PA	04/07/2005
EPA 8270	E	10242543	2,6-Dichlorophenol	6005	NELAP	PA	08/24/2005
EPA 8270	E	10242543	2,6-Dinitrotoluene (2,6-DNT)	6190	NELAP	PA	04/07/2005
EPA 8270	E	10242543	2-Acetylaminofluorene	5515	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2-Chloronaphthalene	5795	NELAP	PA	10/13/2010
EPA 8270	E	10242543	2-Chlorophenol	5800	NELAP	PA	04/07/2005
EPA 8270	E	10242543	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	NELAP	PA	04/07/2005
EPA 8270	E	10242543	2-Methylnaphthalene	6385	NELAP	PA	04/07/2005
EPA 8270	E	10242543	2-Methylphenol (o-Cresol)	6400	NELAP	PA	04/07/2005
EPA 8270	E	10242543	2-Naphthylamine (beta-Naphthylamine)	6430	NELAP	PA	08/26/2006
EPA 8270	E	10242543	2-Nitroaniline	6460	NELAP	PA	04/07/2005
EPA 8270	E	10242543	2-Nitrophenol	6490	NELAP	PA	04/07/2005
EPA 8270	E	10242543	2-Picoline (2-Methylpyridine)	5050	NELAP	PA	04/18/2006
EPA 8270	E	10242543	3+4-Methylphenol (m+p-Cresol)	6412	NELAP	PA	04/07/2005
EPA 8270	E	10242543	3,3'-Dichlorobenzidine	5945	NELAP	PA	04/07/2005
EPA 8270	E	10242543	3,3'-Dimethylbenzidine	6120	NELAP	PA	08/24/2005
EPA 8270	E	10242543	3-Methylcholanthrene	6355	NELAP	PA	08/26/2006
EPA 8270	E	10242543	3-Nitroaniline	6465	NELAP	PA	04/07/2005
EPA 8270	E	10242543	4,4'-Methylenebis(2-chloroaniline)	6365	NELAP	PA	08/24/2005
EPA 8270	E	10242543	4-Aminobiphenyl	5540	NELAP	PA	08/26/2006
EPA 8270	E	10242543	4-Bromophenyl phenyl ether	5660	NELAP	PA	04/07/2005

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	4-Chloro-3-methylphenol	5700	NELAP	PA	04/07/2005
EPA 8270	E	10242543	4-Chloroaniline	5745	NELAP	PA	04/07/2005
EPA 8270	E	10242543	4-Chlorophenol	5805	NELAP	PA	08/26/2006
EPA 8270	E	10242543	4-Chlorophenyl phenyl ether	5825	NELAP	PA	04/07/2005
EPA 8270	E	10242543	4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)	6105	NELAP	PA	08/26/2006
EPA 8270	E	10242543	4-Nitroaniline	6470	NELAP	PA	04/07/2005
EPA 8270	E	10242543	4-Nitrophenol	6500	NELAP	PA	04/07/2005
EPA 8270	E	10242543	4-Nitroquinoline-1-oxide	6510	NELAP	PA	08/26/2006
EPA 8270	E	10242543	5-Nitro-o-toluidine	6570	NELAP	PA	08/26/2006
EPA 8270	E	10242543	6-Methylchrysene	6112	NELAP	PA	12/05/2007
EPA 8270	E	10242543	7,12-Dimethylbenz(a)anthracene	6115	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Acenaphthene	5500	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Acenaphthylene	5505	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Acetophenone	5510	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Aniline	5545	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Anthracene	5555	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Aramite	5560	NELAP	PA	08/24/2005
EPA 8270	E	10242543	Atrazine	7065	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Benzaldehyde	5570	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Benzidine	5595	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Benzo[a]anthracene	5575	NELAP	PA	04/07/2005

Ammarie Beach

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Attached to Certificate of Accreditation 020-004 expiration date 04/30/2023. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	Benzo[a]pyrene	5580	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Benzo[b]fluoranthene	5585	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Benzo[ghi]perylene	5590	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Benzo[k]fluoranthene	5600	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Benzoic acid	5610	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Benzyl alcohol	5630	NELAP	PA	08/24/2005
EPA 8270	E	10242543	Butyl benzyl phthalate (Benzyl butyl phthalate)	5670	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Caprolactam	7180	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Carbazole	5680	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Chlorobenzilate	7260	NELAP	PA	08/24/2005
EPA 8270	E	10242543	Chrysene (Benzo[a]phenanthrene)	5855	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Cresols (total)	5862	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Di-n-butyl phthalate	5925	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Di-n-octyl phthalate	6200	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Diallate (cis or trans)	7405	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Dibenz[a,h]acridine	9354	NELAP	PA	12/05/2007
EPA 8270	E	10242543	Dibenzo[a,h]anthracene	5895	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Dibenzofuran	5905	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Diethyl phthalate	6070	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Dimethoate	7475	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Dimethyl phthalate	6135	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	8620	NELAP	PA	08/26/2006

Ammerie Beach

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Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 020-004 expiration date 04/30/2023. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	Disulfoton	8625	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Ethyl methanesulfonate	6260	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Famphur	7580	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Fluoranthene	6265	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Fluorene	6270	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Hexachlorobenzene	6275	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	4835	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Hexachlorocyclopentadiene	6285	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Hexachloroethane	4840	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Hexachloropropene	6295	NELAP	PA	08/24/2005
EPA 8270	E	10242543	Indene	6312	NELAP	PA	04/09/2009
EPA 8270	E	10242543	Indeno(1,2,3-cd)pyrene	6315	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Isodrin	7725	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Isophorone	6320	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Isosafrole	6325	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Kepone	7740	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Methapyrilene	6345	NELAP	PA	12/05/2007
EPA 8270	E	10242543	Methyl methanesulfonate	6375	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Methyl parathion (Parathion, methyl)	7825	NELAP	PA	08/24/2005
EPA 8270	E	10242543	N-Nitrosodi-n-butylamine	5025	NELAP	PA	08/24/2005
EPA 8270	E	10242543	N-Nitrosodi-n-propylamine	6545	NELAP	PA	04/07/2005
EPA 8270	E	10242543	N-Nitrosodiethylamine	6525	NELAP	PA	04/07/2005

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301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	N-Nitrosodimethylamine	6530	NELAP	PA	04/07/2005
EPA 8270	E	10242543	N-Nitrosodiphenylamine	6535	NELAP	PA	04/07/2005
EPA 8270	E	10242543	N-Nitrosomethylethylamine	6550	NELAP	PA	08/24/2005
EPA 8270	E	10242543	N-Nitrosomorpholine	6555	NELAP	PA	08/26/2006
EPA 8270	E	10242543	N-Nitrosopiperidine	6560	NELAP	PA	08/26/2006
EPA 8270	E	10242543	N-Nitrosopyrrolidine	6565	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Naphthalene	5005	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Nitrobenzene	5015	NELAP	PA	04/07/2005
EPA 8270	E	10242543	O,O,O-Triethyl phosphorothioate	8290	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Parathion, ethyl (Ethyl parathion, Parathion)	7955	NELAP	PA	08/24/2005
EPA 8270	E	10242543	Pentachlorobenzene	6590	NELAP	PA	08/24/2005
EPA 8270	E	10242543	Pentachloroethane	5035	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Pentachloronitrobenzene (PCNB)	6600	NELAP	PA	08/24/2005
EPA 8270	E	10242543	Pentachlorophenol (PCP)	6605	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Phenacetin	6610	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Phenanthrene	6615	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Phenol	6625	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Phorate (Thimet)	7985	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Pronamide (Kerb)	6650	NELAP	PA	08/24/2005
EPA 8270	E	10242543	Pyrene	6665	NELAP	PA	04/07/2005
EPA 8270	E	10242543	Pyridine	5095	NELAP	PA	04/18/2006
EPA 8270	E	10242543	Safrole	6685	NELAP	PA	08/26/2006

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Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 8270	E	10242543	Sulfotepp (Tetraethyl dithiopyrophosphate)	8155	NELAP	PA	08/26/2006
EPA 8270	E	10242543	Thionazine (Thionazin, Zinophos)	8235	NELAP	PA	08/26/2006
EPA 8270	E	10242543	bis(2-Chloroethoxy)methane	5760	NELAP	PA	04/07/2005
EPA 8270	E	10242543	bis(2-Chloroethyl) ether	5765	NELAP	PA	04/07/2005
EPA 8270	E	10242543	bis(2-Ethylhexyl) phthalate (DEHP)	6065	NELAP	PA	04/07/2005
EPA 8270	E	10242543	n-Octadecane	6580	NELAP	PA	04/09/2009
EPA 8270	E	10242543	o-Toluidine (2-Toluidine, 2-Methylaniline)	5145	NELAP	PA	08/24/2005
EPA 8270	E	10242543	p-(Dimethylamino)azobenzene	6105	NELAP	PA	04/09/2009
EPA 8270	E	10242543	p-Phenylenediamine	6630	NELAP	PA	04/09/2009
EPA 9010	C	10193109	Total cyanide	1645	NELAP	PA	03/04/2013
EPA 9013	A	10308802	Cyanide extraction for solids and oils	1421	NELAP	PA	04/22/2010
EPA 9013		10193609	Cyanide extraction for solids and oils	1421	NELAP	PA	12/05/2007
EPA 9014		10193836	Total cyanide	1645	NELAP	PA	12/14/2012
EPA 9030	B	10195605	Sulfide	2005	NELAP	PA	04/07/2005
EPA 9034		10196006	Sulfide	2005	NELAP	PA	04/07/2005
EPA 9040	C	10244403	pH	1900	NELAP	PA	04/09/2009
EPA 9045	D	10198455	pH	1900	NELAP	PA	04/09/2009
EPA 9056	A	10199607	Anions by IC	1522	NELAP	PA	04/09/2009
EPA 9056	A	10199607	Bromide	1540	NELAP	PA	08/26/2006
EPA 9056	A	10199607	Chloride	1575	NELAP	PA	04/07/2005
EPA 9056	A	10199607	Fluoride	1730	NELAP	PA	04/07/2005
EPA 9056	A	10199607	Nitrate as N	1810	NELAP	PA	04/07/2005

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Laboratory Scope of Accreditation



Attached to Certificate of Accreditation 020-004 expiration date 04/30/2023. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	TNI Method Code	Analyte	TNI Analyte Code	Accreditation Type	Primary State	Effective Date
EPA 9056	A	10199607	Nitrite as N	1840	NELAP	PA	04/07/2005
EPA 9056	A	10199607	Orthophosphate as P	1870	NELAP	PA	01/26/2009
EPA 9056	A	10199607	Sulfate	2000	NELAP	PA	04/07/2005
EPA 9065		10200405	Total phenolics	1905	NELAP	PA	12/05/2007
EPA 9071	B	10201806	Oil and grease	1803	NELAP	PA	04/09/2009
EPA 9071	B	10201806	Total petroleum hydrocarbons (TPH)	2050	NELAP	PA	04/21/2022
EPA 9095	B	10245600	Paint filter liquids test	1434	NELAP	PA	04/09/2009
EPA Lloyd Kahn Method		60041001	Total organic carbon (TOC)	2040	NELAP	PA	09/27/2007
OIA 1677-09		60031450	Available cyanide	1523	NELAP	PA	04/18/2006
SM 2520B - 2011	23rd ed.	20048639	Salinity	1975	NELAP	PA	04/08/2008
SM 2540B - 2015	23rd ed.	20048684	Residue, total	1950	NELAP	PA	04/08/2008
SM 2540G - 2015	23rd ed.	20052248	Percent moisture in soil	8641	NELAP	PA	04/13/2009
SM 2540G - 2015	23rd ed.	20052248	Residue, total	1950	NELAP	PA	12/05/2007
SM 2540G - 2015	23rd ed.	20052248	Total, fixed, and volatile residue	1725	NELAP	PA	05/31/2018
SOP (00416) OP-011	8	60002939	Percent lipids	1526	NELAP	PA	04/13/2009
SOP (00416) WC-033	13	60002951	Water leach	1388	NELAP	PA	09/05/2012

Ammarie Beach

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State of Florida
 Department of Health, Bureau of Public Health Laboratories
 This is to certify that

E87052

EUROFINS SAVANNAH
 5102 LAROCHE AVENUE
 SAVANNAH, GA 31404

has complied with Florida Administrative Code 64E-1,
 for the examination of environmental samples in the following categories

DRINKING WATER - GROUP I UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - OTHER REGULATED CONTAMINANTS, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: September 15, 2022 Expiration Date: June 30, 2023



Susanne Crowe

Susanne Crowe, MHA
 Interim Chief Bureau of Public Health Laboratories
 DH Form 1697, 7/04
 NON-TRANSFERABLE E87052-69-09/15/2022
 Supersedes all previously issued certificates



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-69, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
1,1,1-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
1,1,2,2-Tetrachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
1,1,2-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
1,1-Dichloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
1,1-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
1,1-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
1,2,3-Trichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	4/16/2018
1,2,3-Trichloropropane	EPA 504.1	Group II Unregulated Contaminants	NELAP	4/18/2011
1,2,3-Trichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	8/24/2018
1,2,4-Trichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	3/19/2012
1,2,4-Trimethylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/12/2003
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	Synthetic Organic Contaminants	NELAP	2/6/2002
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	Synthetic Organic Contaminants	NELAP	2/6/2002
1,2-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
1,2-Dichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
1,2-Dichloropropane	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
1,3,5-Trimethylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/27/2004
1,3-Dichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
1,3-Dichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
1,4-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
2,2-Dichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
2-Butanone (Methyl ethyl ketone, MEK)	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/2/2005
2-Chlorotoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
2-Hexanone	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/2/2005
4-Chlorotoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
4-Methyl-2-pentanone (MIBK)	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/2/2005
Acetone	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/2/2005
Alkalinity as CaCO ₃	SM 2320 B	Primary Inorganic Contaminants	NELAP	4/5/2013
Aluminum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	6/17/2003
Aluminum	EPA 200.8	Secondary Inorganic Contaminants	NELAP	6/17/2003
Amenable cyanide	SM 4500-CN- G	Primary Inorganic Contaminants	NELAP	2/6/2002
Antimony	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/24/2003
Arsenic	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/24/2003
Barium	EPA 200.7	Primary Inorganic Contaminants	NELAP	2/6/2002
Barium	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/24/2003

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 9/15/2022

Expiration Date: 6/30/2023

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87052-69, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Benzene	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
Beryllium	EPA 200.7	Primary Inorganic Contaminants	NELAP	2/6/2002
Beryllium	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/24/2003
Boron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	12/2/2010
Bromate	EPA 300.1	Primary Inorganic Contaminants	NELAP	9/5/2002
Bromide	EPA 300.1	Primary Inorganic Contaminants	NELAP	10/17/2003
Bromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	9/5/2002
Bromobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Bromochloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/12/2003
Bromodichloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Bromoform	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Cadmium	EPA 200.7	Primary Inorganic Contaminants	NELAP	2/6/2002
Cadmium	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/24/2003
Calcium	EPA 200.7	Primary Inorganic Contaminants	NELAP	2/6/2002
Carbon tetrachloride	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
Chlorate	EPA 300.1	Secondary Inorganic Contaminants	NELAP	7/30/2007
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	2/6/2002
Chloride	EPA 325.2	Secondary Inorganic Contaminants	NELAP	2/6/2002
Chloride	SM 4500-Cl ⁻ E	Secondary Inorganic Contaminants	NELAP	7/30/2007
Chlorite	EPA 300.1	Primary Inorganic Contaminants	NELAP	12/2/2005
Chloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	9/5/2002
Chlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
Chloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Chloroform	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Chromium	EPA 200.7	Primary Inorganic Contaminants	NELAP	2/6/2002
Chromium	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/24/2003
cis-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
cis-1,3-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Color	EPA 110.2	Secondary Inorganic Contaminants	NELAP	2/6/2002
Color	SM 2120 B	Secondary Inorganic Contaminants	NELAP	2/6/2002
Conductivity	SM 2510 B	Primary Inorganic Contaminants	NELAP	2/6/2002
Copper	EPA 200.7	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	2/6/2002
Copper	EPA 200.8	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	6/24/2003
Corrosivity (langlier index)	SM 2330 B	Secondary Inorganic Contaminants	NELAP	2/6/2002

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Issue Date: 9/15/2022**Expiration Date: 6/30/2023**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87052-69, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Cyanide	EPA 335.4	Primary Inorganic Contaminants	NELAP	2/6/2002
Cyanide	SM 4500-CN E	Primary Inorganic Contaminants	NELAP	2/6/2002
Dibromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	9/5/2002
Dibromochloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Dibromomethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Dichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	9/5/2002
Dichlorodifluoromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Dissolved organic carbon (DOC)	SM 5310 B	Primary Inorganic Contaminants	NELAP	12/2/2005
Ethylbenzene	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
Fluoride	EPA 300.0	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	2/6/2002
Hardness	EPA 130.2	Secondary Inorganic Contaminants	NELAP	11/18/2008
Hardness	SM 2340 B	Secondary Inorganic Contaminants	NELAP	12/2/2005
Hardness	SM 2340 C	Secondary Inorganic Contaminants	NELAP	11/18/2008
Hexachlorobutadiene	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/12/2003
Iron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	2/6/2002
Isopropylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/12/2003
Lead	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/24/2003
m+p-Xylenes	EPA 524.2	Group II Unregulated Contaminants	NELAP	11/18/2008
Magnesium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	2/6/2002
Manganese	EPA 200.7	Secondary Inorganic Contaminants	NELAP	2/6/2002
Manganese	EPA 200.8	Secondary Inorganic Contaminants	NELAP	6/24/2003
Mercury	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/24/2003
Mercury	EPA 245.1	Primary Inorganic Contaminants	NELAP	6/24/2003
Methyl bromide (Bromomethane)	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/2/2005
Methyl chloride (Chloromethane)	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Methyl tert-butyl ether (MTBE)	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Methylene chloride	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
Molybdenum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	12/2/2005
Molybdenum	EPA 200.8	Secondary Inorganic Contaminants	NELAP	6/23/2010
Naphthalene	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/27/2004
n-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/12/2003
Nickel	EPA 200.7	Primary Inorganic Contaminants	NELAP	2/6/2002
Nickel	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/24/2003
Nitrate	EPA 300.0	Primary Inorganic Contaminants	NELAP	2/6/2002
Nitrate	EPA 353.2	Primary Inorganic Contaminants	NELAP	2/6/2002

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Issue Date: 9/15/2022**Expiration Date: 6/30/2023**

**Laboratory Scope of Accreditation**

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	2/6/2002
Nitrite	EPA 353.2	Primary Inorganic Contaminants	NELAP	2/6/2002
n-Propylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/12/2003
Orthophosphate as P	EPA 365.1	Primary Inorganic Contaminants	NELAP	12/2/2005
Orthophosphate as P	SM 4500-P F	Primary Inorganic Contaminants	NELAP	11/18/2008
o-Xylene	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/2/2005
pH	EPA 150.1	Secondary Inorganic Contaminants, Primary Inorganic Contaminants	NELAP	2/6/2002
pH	SM 4500-H+-B	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	7/30/2007
p-Isopropyltoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/12/2003
Potassium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/25/2003
Residue-filterable (TDS)	EPA 160.1	Secondary Inorganic Contaminants	NELAP	2/6/2002
Residue-filterable (TDS)	SM 2540 C	Secondary Inorganic Contaminants	NELAP	2/6/2002
sec-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/12/2003
Selenium	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/24/2003
Silica as SiO ₂	EPA 200.7	Primary Inorganic Contaminants	NELAP	10/5/2020
Silver	EPA 200.7	Secondary Inorganic Contaminants	NELAP	2/6/2002
Silver	EPA 200.8	Secondary Inorganic Contaminants	NELAP	6/24/2003
Sodium	EPA 200.7	Primary Inorganic Contaminants	NELAP	2/6/2002
Styrene	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
Sulfate	EPA 300.0	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	2/6/2002
Sulfate	EPA 375.4	Secondary Inorganic Contaminants	NELAP	2/6/2002
tert-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	12/12/2003
Tetrachloroethylene (Perchloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
Thallium	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/24/2003
Toluene	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
Total haloacetic acids (HAA5)	EPA 552.2	Synthetic Organic Contaminants	NELAP	12/2/2005
Total nitrate-nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	2/6/2002
Total nitrate-nitrite	EPA 353.2	Primary Inorganic Contaminants	NELAP	2/6/2002
Total organic carbon	SM 5310 B	Primary Inorganic Contaminants	NELAP	12/2/2005
Total trihalomethanes	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
trans-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
trans-1,3-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Trichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	9/5/2002

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Issue Date: 9/15/2022**Expiration Date: 6/30/2023**



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-69, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87052**

EPA Lab Code: **GA00006**

(912) 354-7858

**E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Trichloroethene (Trichloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
Trichlorofluoromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	2/6/2002
Turbidity	EPA 180.1	Secondary Inorganic Contaminants	NELAP	2/6/2002
Turbidity	SM 2130 B	Secondary Inorganic Contaminants	NELAP	2/6/2002
UV 254	SM 5910 B	Primary Inorganic Contaminants	NELAP	12/2/2005
Vanadium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	12/2/2005
Vanadium	EPA 200.8	Secondary Inorganic Contaminants	NELAP	3/19/2012
Vinyl chloride	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
Xylene (total)	EPA 524.2	Other Regulated Contaminants	NELAP	2/6/2002
Zinc	EPA 200.7	Secondary Inorganic Contaminants	NELAP	12/2/2010
Zinc	EPA 200.8	Secondary Inorganic Contaminants	NELAP	6/24/2003



Laboratory Scope of Accreditation

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1,1-Trichloroethane	EPA 624.1	Volatile Organics	NELAP	4/4/2018
1,1,1-Trichloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1,2,2-Tetrachloroethane	EPA 624.1	Volatile Organics	NELAP	4/4/2018
1,1,2,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260	Volatile Organics	NELAP	12/4/2020
1,1,2-Trichloroethane	EPA 624.1	Volatile Organics	NELAP	4/4/2018
1,1,2-Trichloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1-Dichloroethane	EPA 624.1	Volatile Organics	NELAP	4/4/2018
1,1-Dichloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1-Dichloroethylene	EPA 624.1	Volatile Organics	NELAP	4/4/2018
1,1-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2,3-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2,3-Trichloropropane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2,3-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	3/28/2014
1,2,4,5-Tetrachlorobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
1,2,4-Trichlorobenzene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
1,2,4-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2,4-Trichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
1,2,4-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011	Volatile Organics	NELAP	7/1/2003
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8011	Volatile Organics	NELAP	7/1/2003
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dichlorobenzene	EPA 624.1	Volatile Organics	NELAP	4/4/2018
1,2-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
1,2-Dichloroethane	EPA 624.1	Volatile Organics	NELAP	4/4/2018
1,2-Dichloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dichloropropane	EPA 624.1	Volatile Organics	NELAP	4/4/2018
1,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Diphenylhydrazine	EPA 8270	Extractable Organics	NELAP	7/1/2003
1,2-Diphenylhydrazine (as Azobenzene)	EPA 625.1	Extractable Organics	NELAP	12/4/2020
1,3,5-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	3/28/2014
1,3,5-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003

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Issue Date: 9/15/2022

Expiration Date: 6/30/2023

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87052-69, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270	Extractable Organics	NELAP	7/1/2003
1,3-Dichlorobenzene	EPA 624.1	Volatile Organics	NELAP	4/4/2018
1,3-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,3-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
1,3-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,3-Dinitrobenzene (1,3-DNB)	EPA 8270	Extractable Organics	NELAP	7/1/2003
1,4-Dichlorobenzene	EPA 624.1	Volatile Organics	NELAP	4/4/2018
1,4-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,4-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 624.1	Volatile Organics	NELAP	9/15/2022
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260	Volatile Organics	NELAP	4/18/2011
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270	Volatile Organics	NELAP	7/1/2003
1,4-Naphthoquinone	EPA 8270	Extractable Organics	NELAP	7/1/2003
1,4-Phenylenediamine	EPA 8270	Extractable Organics	NELAP	7/1/2003
1-Chlorohexane	EPA 8260	Volatile Organics	NELAP	7/30/2007
1-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	7/30/2007
1-Naphthylamine	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/1/2003
2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 625.1	Extractable Organics	NELAP	4/4/2018
2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,3,4,6-Tetrachlorophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,3-Dichlorobiphenyl (BZ 5)	EPA 625.1	Pesticides-Herbicides-PCB's	NELAP	12/4/2020
2,4,5-T	EPA 615	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
2,4,5-T	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
2,4,5-Trichlorobiphenyl (BZ 29)	EPA 625.1	Pesticides-Herbicides-PCB's	NELAP	12/4/2020
2,4,5-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,4,6-Trichlorophenol	EPA 625.1	Extractable Organics	NELAP	4/4/2018
2,4,6-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,4-D	EPA 615	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
2,4-D	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
2,4-DB	EPA 615	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
2,4-DB	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
2,4-Dichlorophenol	EPA 625.1	Extractable Organics	NELAP	4/4/2018
2,4-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,4-Dimethylphenol	EPA 625.1	Extractable Organics	NELAP	4/4/2018

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Issue Date: 9/15/2022**Expiration Date: 6/30/2023**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E87052-69, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,4-Dimethylphenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,4-Dinitrophenol	EPA 625.1	Extractable Organics	NELAP	4/4/2018
2,4-Dinitrophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,4-Dinitrotoluene (2,4-DNT)	EPA 625.1	Extractable Organics	NELAP	4/4/2018
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,6-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,6-Dinitrotoluene (2,6-DNT)	EPA 625.1	Extractable Organics	NELAP	4/4/2018
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Acetylaminofluorene	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260	Volatile Organics	NELAP	7/1/2003
2-Chloroethyl vinyl ether	EPA 624.1	Volatile Organics	NELAP	4/4/2018
2-Chloroethyl vinyl ether	EPA 8260	Volatile Organics	NELAP	7/1/2003
2-Chloronaphthalene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
2-Chloronaphthalene	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Chlorophenol	EPA 625.1	Extractable Organics	NELAP	4/4/2018
2-Chlorophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	7/1/2003
2-Hexanone	EPA 8260	Volatile Organics	NELAP	7/1/2003
2-Methyl-4,6-dinitrophenol	EPA 625.1	Extractable Organics	NELAP	4/4/2018
2-Methyl-4,6-dinitrophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Methylnaphthalene	EPA 8260	Volatile Organics	NELAP	3/28/2014
2-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Methylphenol (o-Cresol)	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Naphthylamine	EPA 8270	Extractable Organics	NELAP	7/30/2007
2-Nitroaniline	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Nitrophenol	EPA 625.1	Extractable Organics	NELAP	4/4/2018
2-Nitrophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Nitropropane	EPA 8260	Volatile Organics	NELAP	3/28/2014
2-Pentanone	EPA 8015	Volatile Organics	NELAP	7/30/2007
2-Picoline (2-Methylpyridine)	EPA 8270	Extractable Organics	NELAP	7/1/2003
3,3'-Dichlorobenzidine	EPA 625.1	Extractable Organics	NELAP	4/4/2018
3,3'-Dichlorobenzidine	EPA 8270	Extractable Organics	NELAP	7/1/2003
3,3-Dimethyl-1-butanol	EPA 8260	Volatile Organics	NELAP	9/14/2021
3,3'-Dimethylbenzidine	EPA 8270	Extractable Organics	NELAP	7/1/2003
3,5-Dichlorobenzoic acid	EPA 8151	Extractable Organics	NELAP	7/30/2007
3/4-Methylphenols (m/p-Cresols)	EPA 8270	Extractable Organics	NELAP	11/18/2008

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Issue Date: 9/15/2022**Expiration Date: 6/30/2023**



Laboratory Scope of Accreditation

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
3-Methylcholanthrene	EPA 8270	Extractable Organics	NELAP	7/30/2007
3-Nitroaniline	EPA 8270	Extractable Organics	NELAP	7/1/2003
4,4'-DDD	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
4,4'-DDD	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
4,4'-DDE	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
4,4'-DDE	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
4,4'-DDT	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
4,4'-DDT	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
4-Aminobiphenyl	EPA 8270	Extractable Organics	NELAP	7/1/2003
4-Bromophenyl phenyl ether	EPA 625.1	Extractable Organics	NELAP	4/4/2018
4-Bromophenyl phenyl ether	EPA 8270	Extractable Organics	NELAP	7/1/2003
4-Chloro-3-methylphenol	EPA 625.1	Extractable Organics	NELAP	4/4/2018
4-Chloro-3-methylphenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
4-Chloroaniline	EPA 8270	Extractable Organics	NELAP	7/1/2003
4-Chlorophenyl phenylether	EPA 625.1	Extractable Organics	NELAP	4/4/2018
4-Chlorophenyl phenylether	EPA 8270	Extractable Organics	NELAP	7/1/2003
4-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	7/1/2003
4-Dimethyl aminoazobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
4-Methyl-2-pentanone (MIBK)	EPA 8260	Volatile Organics	NELAP	7/1/2003
4-Nitroaniline	EPA 8270	Extractable Organics	NELAP	7/1/2003
4-Nitrophenol	EPA 625.1	Extractable Organics	NELAP	4/4/2018
4-Nitrophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
4-Nitroquinoline 1-oxide	EPA 8270	Extractable Organics	NELAP	7/1/2003
5-Nitro-o-toluidine	EPA 8270	Extractable Organics	NELAP	7/1/2003
7,12-Dimethylbenz(a) anthracene	EPA 8270	Extractable Organics	NELAP	7/1/2003
a,a-Dimethylphenethylamine	EPA 8270	Extractable Organics	NELAP	7/1/2003
Acenaphthene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Acenaphthene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Acenaphthylene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Acenaphthylene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Acetone	EPA 8260	Volatile Organics	NELAP	7/1/2003
Acetonitrile	EPA 8260	Volatile Organics	NELAP	7/1/2003
Acetophenone	EPA 8270	Extractable Organics	NELAP	7/1/2003
Acifluorfen	EPA 8151	Extractable Organics	NELAP	7/30/2007
Acrolein (Propenal)	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Acrolein (Propenal)	EPA 8260	Volatile Organics	NELAP	7/1/2003

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Issue Date: 9/15/2022

Expiration Date: 6/30/2023



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-69, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Acrylamide	EPA 8316	Volatile Organics	NELAP	9/20/2017
Acrylic acid	SOP SA-LC-074	Volatile Organics	NELAP	9/20/2017
Acrylonitrile	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Acrylonitrile	EPA 8260	Volatile Organics	NELAP	7/1/2003
Adsorbable organic halogens (AOX)	EPA 1650	General Chemistry	NELAP	2/6/2002
Aldrin	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Aldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Alkalinity as CaCO ₃	EPA 310.1	General Chemistry	NELAP	2/6/2002
Alkalinity as CaCO ₃	SM 2320 B	General Chemistry	NELAP	2/6/2002
Allyl alcohol	EPA 8015	Volatile Organics	NELAP	7/30/2007
Allyl chloride (3-Chloropropene)	EPA 8260	Volatile Organics	NELAP	7/1/2003
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
alpha-Chlordane	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aluminum	EPA 200.7	Metals	NELAP	2/6/2002
Aluminum	EPA 200.8	Metals	NELAP	10/17/2003
Aluminum	EPA 6010	Metals	NELAP	7/1/2003
Aluminum	EPA 6020	Metals	NELAP	10/17/2003
Amenable cyanide	EPA 335.1	General Chemistry	NELAP	2/6/2002
Amenable cyanide	EPA 9012	General Chemistry	NELAP	7/1/2003
Amenable cyanide	SM 4500-CN- G	General Chemistry	NELAP	2/6/2002
a-Methylstyrene	EPA 8260	Volatile Organics	NELAP	3/28/2014
Ammonia as N	EPA 350.1	General Chemistry	NELAP	2/6/2002
Aniline	EPA 8270	Extractable Organics	NELAP	7/1/2003
Anthracene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Anthracene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Antimony	EPA 200.7	Metals	NELAP	2/6/2002
Antimony	EPA 200.8	Metals	NELAP	10/17/2003
Antimony	EPA 6010	Metals	NELAP	7/1/2003
Antimony	EPA 6020	Metals	NELAP	10/17/2003
Aramite	EPA 8270	Extractable Organics	NELAP	7/1/2003
Aroclor-1016 (PCB-1016)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Aroclor-1016 (PCB-1016)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1221 (PCB-1221)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Aroclor-1221 (PCB-1221)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1232 (PCB-1232)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018

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Laboratory Scope of Accreditation

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State Laboratory ID: **E87052**

EPA Lab Code: **GA00006**

(912) 354-7858

E87052

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Aroclor-1232 (PCB-1232)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1242 (PCB-1242)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Aroclor-1242 (PCB-1242)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1248 (PCB-1248)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Aroclor-1248 (PCB-1248)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1254 (PCB-1254)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Aroclor-1254 (PCB-1254)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1260 (PCB-1260)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Aroclor-1260 (PCB-1260)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1262 (PCB-1262)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	12/4/2020
Aroclor-1268 (PCB-1268)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	12/4/2020
Arsenic	EPA 200.7	Metals	NELAP	2/6/2002
Arsenic	EPA 200.8	Metals	NELAP	10/17/2003
Arsenic	EPA 6010	Metals	NELAP	7/1/2003
Arsenic	EPA 6020	Metals	NELAP	10/17/2003
Atrazine	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/4/2020
Barium	EPA 200.7	Metals	NELAP	2/6/2002
Barium	EPA 200.8	Metals	NELAP	10/17/2003
Barium	EPA 6010	Metals	NELAP	7/1/2003
Barium	EPA 6020	Metals	NELAP	10/17/2003
Bentazon	EPA 8151	Extractable Organics	NELAP	7/30/2007
Benzaldehyde	EPA 8270	Extractable Organics	NELAP	12/4/2020
Benzene	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Benzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Benzidine	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Benzidine	EPA 8270	Extractable Organics	NELAP	7/1/2003
Benzo(a)anthracene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Benzo(a)anthracene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Benzo(a)pyrene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Benzo(a)pyrene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Benzo(b)fluoranthene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Benzo(b)fluoranthene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Benzo(g,h,i)perylene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Benzo(g,h,i)perylene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Benzo(k)fluoranthene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Benzo(k)fluoranthene	EPA 8270	Extractable Organics	NELAP	7/1/2003

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Laboratory Scope of Accreditation

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Benzoic acid	EPA 8270	Extractable Organics	NELAP	7/1/2003
Benzyl alcohol	EPA 8270	Extractable Organics	NELAP	7/1/2003
Benzyl chloride	EPA 8260	Volatile Organics	NELAP	3/28/2014
Beryllium	EPA 200.7	Metals	NELAP	2/6/2002
Beryllium	EPA 200.8	Metals	NELAP	10/17/2003
Beryllium	EPA 6010	Metals	NELAP	7/1/2003
Beryllium	EPA 6020	Metals	NELAP	10/17/2003
beta-BHC (beta-Hexachlorocyclohexane)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Biochemical oxygen demand	EPA 405.1	General Chemistry	NELAP	2/6/2002
Biochemical oxygen demand	SM 5210 B	General Chemistry	NELAP	2/6/2002
Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270	Extractable Organics	NELAP	12/4/2020
bis(2-Chloroethoxy)methane	EPA 625.1	Extractable Organics	NELAP	4/4/2018
bis(2-Chloroethoxy)methane	EPA 8270	Extractable Organics	NELAP	7/1/2003
bis(2-Chloroethyl) ether	EPA 625.1	Extractable Organics	NELAP	4/4/2018
bis(2-Chloroethyl) ether	EPA 8270	Extractable Organics	NELAP	7/1/2003
Boron	EPA 200.7	Metals	NELAP	2/6/2002
Boron	EPA 6010	Metals	NELAP	7/1/2003
Bromate	EPA 300.0	General Chemistry	NELAP	3/22/2013
Bromate	EPA 300.1	General Chemistry	NELAP	7/30/2007
Bromide	EPA 300.0	General Chemistry	NELAP	2/6/2002
Bromide	EPA 300.1	General Chemistry	NELAP	7/30/2007
Bromide	EPA 9056	General Chemistry	NELAP	7/1/2003
Bromobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Bromochloromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Bromodichloromethane	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Bromodichloromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Bromoform	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Bromoform	EPA 8260	Volatile Organics	NELAP	7/1/2003
Butyl Acrylate	EPA 8260	Volatile Organics	NELAP	3/28/2014
Butyl benzyl phthalate	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Butyl benzyl phthalate	EPA 8270	Extractable Organics	NELAP	7/1/2003
Cadmium	EPA 200.7	Metals	NELAP	2/6/2002
Cadmium	EPA 200.8	Metals	NELAP	10/17/2003
Cadmium	EPA 6010	Metals	NELAP	7/1/2003
Cadmium	EPA 6020	Metals	NELAP	10/17/2003

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Calcium	EPA 200.7	Metals	NELAP	2/6/2002
Calcium	EPA 6010	Metals	NELAP	7/1/2003
Calcium	EPA 6020	Metals	NELAP	10/17/2003
Caprolactam	EPA 8270	Extractable Organics	NELAP	12/4/2020
Carbazole	EPA 8270	Extractable Organics	NELAP	7/1/2003
Carbon disulfide	EPA 8260	Volatile Organics	NELAP	7/1/2003
Carbon tetrachloride	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Carbon tetrachloride	EPA 8260	Volatile Organics	NELAP	7/1/2003
Carbonaceous BOD (CBOD)	SM 5210 B	General Chemistry	NELAP	2/6/2002
Chemical oxygen demand	EPA 410.4	General Chemistry	NELAP	2/6/2002
Chemical oxygen demand	SM 5220 D	General Chemistry	NELAP	7/30/2007
Chloramben	EPA 8151	Extractable Organics	NELAP	7/30/2007
Chlorate	EPA 300.1	General Chemistry	NELAP	7/30/2007
Chlordane (tech.)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Chlordane (tech.)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Chloride	EPA 300.0	General Chemistry	NELAP	2/6/2002
Chloride	EPA 325.2	General Chemistry	NELAP	2/6/2002
Chloride	EPA 9056	General Chemistry	NELAP	7/1/2003
Chloride	EPA 9251	General Chemistry	NELAP	7/1/2003
Chloride	SM 4500-Cl ⁻ E	General Chemistry	NELAP	7/30/2007
Chlorite	EPA 300.1	General Chemistry	NELAP	7/30/2007
Chlorobenzene	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Chlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Chlorobenzilate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Chloroethane	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Chloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Chloroform	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Chloroform	EPA 8260	Volatile Organics	NELAP	7/1/2003
Chloroprene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Chromium	EPA 200.7	Metals	NELAP	2/6/2002
Chromium	EPA 200.8	Metals	NELAP	10/17/2003
Chromium	EPA 6010	Metals	NELAP	7/1/2003
Chromium	EPA 6020	Metals	NELAP	10/17/2003
Chromium VI	EPA 7196	Metals	NELAP	7/30/2007
Chromium VI	SM 3500-Cr B (20th/21st/22nd Ed.)/UV-VIS	General Chemistry	NELAP	4/18/2011

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**Laboratory Scope of Accreditation**

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Chromium VI	SM 3500-Cr D (18th/19th Ed.)/UV-VIS	General Chemistry	NELAP	2/6/2002
Chrysene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Chrysene	EPA 8270	Extractable Organics	NELAP	7/1/2003
cis-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/1/2003
cis-1,3-Dichloropropene	EPA 624.1	Volatile Organics	NELAP	4/4/2018
cis-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Cobalt	EPA 200.7	Metals	NELAP	2/6/2002
Cobalt	EPA 200.8	Metals	NELAP	10/17/2003
Cobalt	EPA 6010	Metals	NELAP	7/1/2003
Cobalt	EPA 6020	Metals	NELAP	10/17/2003
Color	EPA 110.2	General Chemistry	NELAP	2/6/2002
Color	SM 2120 B	General Chemistry	NELAP	7/30/2007
Conductivity	EPA 120.1	General Chemistry	NELAP	2/6/2002
Conductivity	EPA 9050	General Chemistry	NELAP	7/30/2007
Conductivity	SM 2510 B	General Chemistry	NELAP	7/30/2007
Copper	EPA 200.7	Metals	NELAP	2/6/2002
Copper	EPA 200.8	Metals	NELAP	10/17/2003
Copper	EPA 6010	Metals	NELAP	7/1/2003
Copper	EPA 6020	Metals	NELAP	10/17/2003
Corrosivity (langlier index)	SM 2330 B	General Chemistry	NELAP	2/6/2002
Cyanide	EPA 335.4	General Chemistry	NELAP	2/6/2002
Cyanide	SM 4500-CN E	General Chemistry	NELAP	2/6/2002
Cyclohexane	EPA 8260	Volatile Organics	NELAP	12/4/2020
Dacthal (DCPA)	EPA 8151	Extractable Organics	NELAP	7/30/2007
Dalapon	EPA 615	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Dalapon	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
delta-BHC	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
delta-BHC	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Di(2-ethylhexyl) phthalate (DEHP)	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270	Extractable Organics	NELAP	7/1/2003
Diallate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Dibenz(a,h)anthracene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Dibenz(a,h)anthracene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Dibenzofuran	EPA 8270	Extractable Organics	NELAP	7/1/2003
Dibromochloromethane	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Dibromochloromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003

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State Laboratory ID: **E87052**

EPA Lab Code: **GA00006**

(912) 354-7858

**E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Dibromomethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Dicamba	EPA 615	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Dicamba	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Dichlorodifluoromethane	EPA 624.1	Volatile Organics	NELAP	12/4/2020
Dichlorodifluoromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Dichloroprop (Dichlorprop)	EPA 615	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Dichloroprop (Dichlorprop)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Dieldrin	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Dieldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Diesel range organics (DRO)	EPA 8015	Extractable Organics	NELAP	7/1/2003
Diethyl ether	EPA 8260	Volatile Organics	NELAP	7/1/2003
Diethyl phthalate	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Diethyl phthalate	EPA 8270	Extractable Organics	NELAP	7/1/2003
Di-isopropylether (DIPE)	EPA 8260	Volatile Organics	NELAP	3/28/2014
Dimethoate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Dimethyl phthalate	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Dimethyl phthalate	EPA 8270	Extractable Organics	NELAP	7/1/2003
Di-n-butyl phthalate	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Di-n-butyl phthalate	EPA 8270	Extractable Organics	NELAP	7/1/2003
Di-n-octyl phthalate	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Di-n-octyl phthalate	EPA 8270	Extractable Organics	NELAP	7/1/2003
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 615	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Disulfoton	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endosulfan I	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Endosulfan I	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endosulfan II	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Endosulfan II	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endosulfan sulfate	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Endosulfan sulfate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endrin	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Endrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endrin aldehyde	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Endrin aldehyde	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endrin ketone	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	9/29/2020

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Laboratory Scope of Accreditation

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State Laboratory ID: **E87052**

EPA Lab Code: **GA00006**

(912) 354-7858

**E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Ethane	RSK-175	Volatile Organics	NELAP	12/2/2005
Ethanol	EPA 8015	Volatile Organics	NELAP	7/1/2003
Ethanol	EPA 8260	Volatile Organics	NELAP	4/18/2011
Ethyl acetate	EPA 1666	Volatile Organics	NELAP	7/30/2007
Ethyl acetate	EPA 8015	Volatile Organics	NELAP	7/1/2003
Ethyl acetate	EPA 8260	Volatile Organics	NELAP	3/28/2014
Ethyl acrylate	EPA 8260	Volatile Organics	NELAP	3/28/2014
Ethyl methacrylate	EPA 8260	Volatile Organics	NELAP	7/1/2003
Ethyl methanesulfonate	EPA 8270	Extractable Organics	NELAP	7/1/2003
Ethylbenzene	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Ethylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Ethylene	RSK-175	Volatile Organics	NELAP	12/2/2005
Ethylene glycol	EPA 8015	Volatile Organics	NELAP	7/30/2007
Ethyl-t-butylether (ETBE)	EPA 8260	Volatile Organics	NELAP	3/28/2014
Famphur	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Fluoranthene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Fluoranthene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Fluorene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Fluorene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Fluoride	EPA 300.0	General Chemistry	NELAP	2/6/2002
Fluoride	EPA 9056	General Chemistry	NELAP	7/1/2003
Furan	EPA 8260	Volatile Organics	NELAP	3/28/2014
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
gamma-Chlordane	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Gasoline range organics (GRO)	EPA 8015	Extractable Organics	NELAP	7/1/2003
Hardness	EPA 130.2	General Chemistry	NELAP	11/18/2008
Hardness	SM 2340 B	General Chemistry	NELAP	2/6/2002
Hardness	SM 2340 C	General Chemistry	NELAP	11/18/2008
Hardness (calc.)	EPA 200.7	Metals	NELAP	7/30/2007
Heptachlor	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Heptachlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Heptachlor epoxide	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Heptachlor epoxide	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Hexachlorobenzene	EPA 625.1	Extractable Organics	NELAP	4/4/2018

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Issue Date: 9/15/2022

Expiration Date: 6/30/2023



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-69, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Hexachlorobenzene	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Hexachlorobutadiene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Hexachlorobutadiene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Hexachlorobutadiene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Hexachlorocyclopentadiene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Hexachlorocyclopentadiene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Hexachloroethane	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Hexachloroethane	EPA 8270	Extractable Organics	NELAP	7/1/2003
Hexachlorophene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Hexachloropropene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Ignitability	EPA 1010	General Chemistry	NELAP	9/15/2022
Indeno(1,2,3-cd)pyrene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Indeno(1,2,3-cd)pyrene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Iodomethane (Methyl iodide)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Iron	EPA 200.7	Metals	NELAP	2/6/2002
Iron	EPA 6010	Metals	NELAP	7/1/2003
Iron	EPA 6020	Metals	NELAP	10/17/2003
Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8015	Volatile Organics	NELAP	7/30/2007
Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Isodrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Isophorone	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Isophorone	EPA 8270	Extractable Organics	NELAP	7/1/2003
Isopropyl acetate	EPA 1666	Volatile Organics	NELAP	7/30/2007
Isopropyl alcohol (2-Propanol)	EPA 8015	Volatile Organics	NELAP	7/30/2007
Isopropylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Isosafrole	EPA 8270	Extractable Organics	NELAP	7/1/2003
Kepon	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Kjeldahl nitrogen - total	EPA 351.2	General Chemistry	NELAP	2/6/2002
Lead	EPA 200.7	Metals	NELAP	2/6/2002
Lead	EPA 200.8	Metals	NELAP	10/17/2003
Lead	EPA 6010	Metals	NELAP	7/1/2003
Lead	EPA 6020	Metals	NELAP	10/17/2003
Lithium	EPA 200.7	Metals	NELAP	9/15/2022
Lithium	EPA 6010	Metals	NELAP	9/15/2022
m+p-Xylenes	EPA 8260	Volatile Organics	NELAP	7/30/2007
Magnesium	EPA 200.7	Metals	NELAP	2/6/2002

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Magnesium	EPA 6010	Metals	NELAP	7/1/2003
Magnesium	EPA 6020	Metals	NELAP	10/17/2003
Manganese	EPA 200.7	Metals	NELAP	2/6/2002
Manganese	EPA 200.8	Metals	NELAP	10/17/2003
Manganese	EPA 6010	Metals	NELAP	7/1/2003
Manganese	EPA 6020	Metals	NELAP	10/17/2003
MCPA	EPA 615	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
MCPA	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
MCPP	EPA 615	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
MCPP	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Mercury	EPA 200.8	Metals	NELAP	10/17/2003
Mercury	EPA 245.1	Metals	NELAP	2/6/2002
Mercury	EPA 6020	Metals	NELAP	10/17/2003
Mercury	EPA 7470	Metals	NELAP	7/1/2003
Methacrylonitrile	EPA 8260	Volatile Organics	NELAP	7/1/2003
Methane	RSK-175	Volatile Organics	NELAP	12/2/2005
Methanol	EPA 8015	Volatile Organics	NELAP	7/30/2007
Methapyrilene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Methoxychlor	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	12/4/2020
Methoxychlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Methyl acetate	EPA 8260	Volatile Organics	NELAP	12/4/2020
Methyl bromide (Bromomethane)	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Methyl bromide (Bromomethane)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Methyl chloride (Chloromethane)	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Methyl chloride (Chloromethane)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Methyl methacrylate	EPA 8260	Volatile Organics	NELAP	7/1/2003
Methyl methanesulfonate	EPA 8270	Extractable Organics	NELAP	7/1/2003
Methyl parathion (Parathion, methyl)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Methyl tert-butyl ether (MTBE)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Methylcyclohexane	EPA 8260	Volatile Organics	NELAP	12/4/2020
Methylene chloride	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Methylene chloride	EPA 8260	Volatile Organics	NELAP	7/1/2003
Mirex	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/30/2007
Molybdenum	EPA 200.7	Metals	NELAP	2/6/2002
Molybdenum	EPA 200.8	Metals	NELAP	10/17/2003
Molybdenum	EPA 6010	Metals	NELAP	7/1/2003

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State Laboratory ID: **E87052**

EPA Lab Code: **GA00006**

(912) 354-7858

**E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Molybdenum	EPA 6020	Metals	NELAP	7/30/2007
n-Amyl acetate	EPA 1666	Volatile Organics	NELAP	7/30/2007
Naphthalene	EPA 624.1	Volatile Organics	NELAP	9/15/2022
Naphthalene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Naphthalene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Naphthalene	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Butyl Acetate	EPA 1666	Volatile Organics	NELAP	7/30/2007
n-Butyl Acetate	EPA 8260	Volatile Organics	NELAP	3/28/2014
n-Butyl alcohol	EPA 8015	Volatile Organics	NELAP	7/30/2007
n-Butyl alcohol	EPA 8260	Volatile Organics	NELAP	3/28/2014
n-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Nickel	EPA 200.7	Metals	NELAP	2/6/2002
Nickel	EPA 200.8	Metals	NELAP	10/17/2003
Nickel	EPA 6010	Metals	NELAP	7/1/2003
Nickel	EPA 6020	Metals	NELAP	10/17/2003
Nitrate	EPA 9056	General Chemistry	NELAP	7/1/2003
Nitrate as N	EPA 300.0	General Chemistry	NELAP	2/6/2002
Nitrate as N	EPA 353.2	General Chemistry	NELAP	2/6/2002
Nitrate-nitrite	EPA 300.0	General Chemistry	NELAP	2/6/2002
Nitrate-nitrite	EPA 353.2	General Chemistry	NELAP	2/6/2002
Nitrite	EPA 9056	General Chemistry	NELAP	7/1/2003
Nitrite as N	EPA 300.0	General Chemistry	NELAP	2/6/2002
Nitrite as N	EPA 353.2	General Chemistry	NELAP	2/6/2002
Nitrobenzene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Nitrobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Nitrosodiethylamine	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Nitrosodimethylamine	EPA 625.1	Extractable Organics	NELAP	4/4/2018
n-Nitrosodimethylamine	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Nitroso-di-n-butylamine	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Nitrosodi-n-propylamine	EPA 625.1	Extractable Organics	NELAP	4/4/2018
n-Nitrosodi-n-propylamine	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Nitrosodiphenylamine	EPA 625.1	Extractable Organics	NELAP	4/4/2018
n-Nitrosodiphenylamine	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Nitrosomethylethylamine	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Nitrosomorpholine	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Nitrosopiperidine	EPA 8270	Extractable Organics	NELAP	7/1/2003

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
n-Nitrosopyrrolidine	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Propanol	EPA 8015	Volatile Organics	NELAP	7/30/2007
n-Propylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
o,o,o-Triethyl phosphorothioate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Oil & Grease	EPA 1664A	General Chemistry	NELAP	12/2/2015
Organic nitrogen	TKN minus AMMONIA	General Chemistry	NELAP	7/30/2007
Orthophosphate as P	EPA 365.1	General Chemistry	NELAP	11/18/2008
Orthophosphate as P	SM 4500-P F	General Chemistry	NELAP	11/18/2008
o-Toluidine	EPA 8270	Extractable Organics	NELAP	7/1/2003
o-Xylene	EPA 8260	Volatile Organics	NELAP	7/30/2007
Parathion, ethyl	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Pentachlorobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Pentachloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Pentachloronitrobenzene (Quintozene)	EPA 8270	Extractable Organics	NELAP	7/1/2003
Pentachlorophenol	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Pentachlorophenol	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Pentachlorophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
pH	EPA 150.1	General Chemistry	NELAP	2/6/2002
pH	EPA 9040	General Chemistry	NELAP	7/1/2003
pH	SM 4500-H+-B	General Chemistry	NELAP	7/30/2007
Phenacetin	EPA 8270	Extractable Organics	NELAP	7/1/2003
Phenanthrene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Phenanthrene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Phenol	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Phenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
Phorate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Phosphorus, total	EPA 365.4	General Chemistry	NELAP	2/6/2002
Picloram	EPA 8151	Extractable Organics	NELAP	7/30/2007
p-Isopropyltoluene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Potassium	EPA 200.7	Metals	NELAP	2/6/2002
Potassium	EPA 6010	Metals	NELAP	7/1/2003
Potassium	EPA 6020	Metals	NELAP	10/17/2003
Pronamide (Kerb)	EPA 8270	Extractable Organics	NELAP	7/1/2003
Propionitrile (Ethyl cyanide)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Pyrene	EPA 625.1	Extractable Organics	NELAP	4/4/2018
Pyrene	EPA 8270	Extractable Organics	NELAP	7/1/2003

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Issue Date: 9/15/2022**Expiration Date: 6/30/2023**

**Laboratory Scope of Accreditation**

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Pyridine	EPA 8270	Extractable Organics	NELAP	7/1/2003
Residual free chlorine	EPA 330.3	General Chemistry	NELAP	2/6/2002
Residue-filterable (TDS)	EPA 160.1	General Chemistry	NELAP	2/6/2002
Residue-filterable (TDS)	SM 2540 C	General Chemistry	NELAP	7/30/2007
Residue-nonfilterable (TSS)	EPA 160.2	General Chemistry	NELAP	2/6/2002
Residue-nonfilterable (TSS)	SM 2540 D	General Chemistry	NELAP	7/30/2007
Residue-settleable	EPA 160.5	General Chemistry	NELAP	2/6/2002
Residue-settleable	SM 2540 F	General Chemistry	NELAP	11/18/2008
Residue-total	EPA 160.3	General Chemistry	NELAP	2/6/2002
Residue-total	SM 2540 B	General Chemistry	NELAP	7/30/2007
Residue-volatile	EPA 160.4	General Chemistry	NELAP	2/6/2002
Residue-volatile	SM 2540 E	General Chemistry	NELAP	2/6/2002
Safrole	EPA 8270	Extractable Organics	NELAP	7/1/2003
Salinity	SM 2520 B	General Chemistry	NELAP	2/6/2002
sec-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Selenium	EPA 200.7	Metals	NELAP	2/6/2002
Selenium	EPA 200.8	Metals	NELAP	10/17/2003
Selenium	EPA 6010	Metals	NELAP	7/1/2003
Selenium	EPA 6020	Metals	NELAP	10/17/2003
Silica as SiO ₂	EPA 200.7	Metals	NELAP	7/30/2007
Silicon	EPA 200.7	Metals	NELAP	2/6/2002
Silicon	EPA 6010	General Chemistry	NELAP	7/30/2007
Silver	EPA 200.7	Metals	NELAP	2/6/2002
Silver	EPA 200.8	Metals	NELAP	10/17/2003
Silver	EPA 6010	Metals	NELAP	7/1/2003
Silver	EPA 6020	Metals	NELAP	10/17/2003
Silvex (2,4,5-TP)	EPA 615	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Silvex (2,4,5-TP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Sodium	EPA 200.7	Metals	NELAP	2/6/2002
Sodium	EPA 6010	Metals	NELAP	7/1/2003
Sodium	EPA 6020	Metals	NELAP	10/17/2003
Strontium	EPA 200.7	Metals	NELAP	2/6/2002
Strontium	EPA 6010	Metals	NELAP	7/1/2003
Styrene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Sulfate	EPA 300.0	General Chemistry	NELAP	2/6/2002
Sulfate	EPA 375.4	General Chemistry	NELAP	2/6/2002

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Sulfate	EPA 9038	General Chemistry	NELAP	7/1/2003
Sulfate	EPA 9056	General Chemistry	NELAP	7/1/2003
Sulfide	EPA 376.1	General Chemistry	NELAP	7/30/2007
Sulfide	EPA 9030	General Chemistry	NELAP	7/1/2003
Sulfide	EPA 9034	General Chemistry	NELAP	7/1/2003
Sulfide	SM 4500-S F (19th/20th/21st Ed.)/TITR	General Chemistry	NELAP	7/30/2007
Sulfite-SO3	EPA 377.1	General Chemistry	NELAP	9/15/2022
Sulfite-SO3	SM 4500-SO3 B	General Chemistry	NELAP	9/15/2022
Sulfotep	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
T-amylmethylether (TAME)	EPA 8260	Volatile Organics	NELAP	3/28/2014
tert-Amyl Alcohol	EPA 8260	Volatile Organics	NELAP	9/14/2021
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8015	Volatile Organics	NELAP	7/30/2007
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260	Volatile Organics	NELAP	7/30/2007
tert-Butyl Formate	EPA 8260	Volatile Organics	NELAP	9/14/2021
tert-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Tetrachloroethylene (Perchloroethylene)	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Tetrachloroethylene (Perchloroethylene)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Thallium	EPA 200.7	Metals	NELAP	2/6/2002
Thallium	EPA 200.8	Metals	NELAP	10/17/2003
Thallium	EPA 6010	Metals	NELAP	7/1/2003
Thallium	EPA 6020	Metals	NELAP	10/17/2003
Thionazin (Zinophos)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Tin	EPA 200.7	Metals	NELAP	2/6/2002
Tin	EPA 6010	Metals	NELAP	7/1/2003
Titanium	EPA 200.7	Metals	NELAP	2/6/2002
Titanium	EPA 6010	General Chemistry	NELAP	7/30/2007
Toluene	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Toluene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Total cyanide	EPA 9012	General Chemistry	NELAP	7/1/2003
Total nitrate-nitrite	EPA 9056	General Chemistry	NELAP	7/1/2003
Total organic carbon	EPA 415.1	General Chemistry	NELAP	2/6/2002
Total organic carbon	EPA 9060	General Chemistry	NELAP	7/1/2003
Total organic carbon	SM 5310 B	General Chemistry	NELAP	7/30/2007
Total organic halides (TOX)	EPA 9020	General Chemistry	NELAP	7/1/2003
Total Petroleum Hydrocarbons (TPH)	EPA 1664A	General Chemistry	NELAP	2/6/2002
Total Petroleum Hydrocarbons (TPH)	FL-PRO	Extractable Organics	NELAP	9/15/2022

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State Laboratory ID: **E87052**

EPA Lab Code: **GA00006**

(912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Total phenolics	EPA 420.1	General Chemistry	NELAP	2/6/2002
Total phenolics	EPA 9065	General Chemistry	NELAP	7/1/2003
Total residual chlorine	SM 4500 Cl B	General Chemistry	NELAP	11/18/2008
Toxaphene (Chlorinated camphene)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	4/4/2018
Toxaphene (Chlorinated camphene)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
trans-1,2-Dichloroethylene	EPA 624.1	Volatile Organics	NELAP	4/4/2018
trans-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/1/2003
trans-1,3-Dichloropropene	EPA 624.1	Volatile Organics	NELAP	4/4/2018
trans-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/1/2003
trans-1,4-Dichloro-2-butene	EPA 8260	Volatile Organics	NELAP	7/30/2007
Trichloroethene (Trichloroethylene)	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Trichloroethene (Trichloroethylene)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Trichlorofluoromethane	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Trichlorofluoromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Turbidity	EPA 180.1	General Chemistry	NELAP	2/6/2002
Turbidity	SM 2130 B	General Chemistry	NELAP	7/30/2007
Un-Ionized Ammonia	DEP SOP 10/03/83	General Chemistry	NELAP	7/30/2007
Vanadium	EPA 200.7	Metals	NELAP	2/6/2002
Vanadium	EPA 200.8	Metals	NELAP	10/17/2003
Vanadium	EPA 6010	Metals	NELAP	7/1/2003
Vanadium	EPA 6020	Metals	NELAP	10/17/2003
Vinyl acetate	EPA 8260	Volatile Organics	NELAP	7/1/2003
Vinyl chloride	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Vinyl chloride	EPA 8260	Volatile Organics	NELAP	7/1/2003
Xylene (total)	EPA 624.1	Volatile Organics	NELAP	4/4/2018
Xylene (total)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Zinc	EPA 200.7	Metals	NELAP	2/6/2002
Zinc	EPA 200.8	Metals	NELAP	10/17/2003
Zinc	EPA 6010	Metals	NELAP	7/1/2003
Zinc	EPA 6020	Metals	NELAP	10/17/2003

**Laboratory Scope of Accreditation**

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,1,1-Trichloroethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,1,2,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260	Volatile Organics	NELAP	12/4/2020
1,1,2-Trichloroethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,1-Dichloroethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,1-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,1-Dichloropropene	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,2,3-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,2,3-Trichloropropane	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,2,3-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	3/28/2014
1,2,4,5-Tetrachlorobenzene	EPA 8270	Extractable Organics	NELAP	2/6/2002
1,2,4-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,2,4-Trichlorobenzene	EPA 8270	Extractable Organics	NELAP	2/6/2002
1,2,4-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,2-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,2-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	2/6/2002
1,2-Dichloroethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,2-Diphenylhydrazine	EPA 8270	Extractable Organics	NELAP	2/6/2002
1,3,5-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	3/28/2014
1,3,5-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270	Extractable Organics	NELAP	2/6/2002
1,3-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,3-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	2/6/2002
1,3-Dichloropropane	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,3-Dinitrobenzene (1,3-DNB)	EPA 8270	Extractable Organics	NELAP	2/6/2002
1,4-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
1,4-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	2/6/2002
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260	Volatile Organics	NELAP	4/18/2011
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270	Volatile Organics	NELAP	12/4/2020
1,4-Naphthoquinone	EPA 8270	Extractable Organics	NELAP	2/6/2002
1,4-Phenylenediamine	EPA 8270	Extractable Organics	NELAP	2/6/2002
1-Chlorohexane	EPA 8260	Volatile Organics	NELAP	7/30/2007

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Issue Date: 9/15/2022**Expiration Date: 6/30/2023**

**Laboratory Scope of Accreditation**

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	7/30/2007
1-Naphthylamine	EPA 8270	Extractable Organics	NELAP	2/6/2002
2,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	2/6/2002
2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270	Extractable Organics	NELAP	2/6/2002
2,3,4,6-Tetrachlorophenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
2,4,5-T	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
2,4,5-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
2,4,6-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
2,4-D	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
2,4-DB	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
2,4-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
2,4-Dimethylphenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
2,4-Dinitrophenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270	Extractable Organics	NELAP	2/6/2002
2,6-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270	Extractable Organics	NELAP	2/6/2002
2-Acetylaminofluorene	EPA 8270	Extractable Organics	NELAP	2/6/2002
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260	Volatile Organics	NELAP	2/6/2002
2-Chloronaphthalene	EPA 8270	Extractable Organics	NELAP	2/6/2002
2-Chlorophenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
2-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	2/6/2002
2-Hexanone	EPA 8260	Volatile Organics	NELAP	2/6/2002
2-Methyl-4,6-dinitrophenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
2-Methylnaphthalene	EPA 8260	Volatile Organics	NELAP	3/28/2014
2-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	2/6/2002
2-Methylphenol (o-Cresol)	EPA 8270	Extractable Organics	NELAP	2/6/2002
2-Naphthylamine	EPA 8270	Extractable Organics	NELAP	7/30/2007
2-Nitroaniline	EPA 8270	Extractable Organics	NELAP	2/6/2002
2-Nitrophenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
2-Nitropropane	EPA 8260	Volatile Organics	NELAP	3/28/2014
2-Picoline (2-Methylpyridine)	EPA 8270	Extractable Organics	NELAP	2/6/2002
3,3'-Dichlorobenzidine	EPA 8270	Extractable Organics	NELAP	2/6/2002
3,3'-Dimethylbenzidine	EPA 8270	Extractable Organics	NELAP	2/6/2002
3,5-Dichlorobenzoic acid	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/30/2007
3/4-Methylphenols (m/p-Cresols)	EPA 8270	Extractable Organics	NELAP	11/18/2008
3-Methylcholanthrene	EPA 8270	Extractable Organics	NELAP	7/30/2007

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
3-Nitroaniline	EPA 8270	Extractable Organics	NELAP	2/6/2002
4,4'-DDD	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
4,4'-DDE	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
4,4'-DDT	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
4-Aminobiphenyl	EPA 8270	Extractable Organics	NELAP	2/6/2002
4-Bromophenyl phenyl ether	EPA 8270	Extractable Organics	NELAP	2/6/2002
4-Chloro-3-methylphenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
4-Chloroaniline	EPA 8270	Extractable Organics	NELAP	2/6/2002
4-Chlorophenyl phenylether	EPA 8270	Extractable Organics	NELAP	2/6/2002
4-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	2/6/2002
4-Dimethyl aminoazobenzene	EPA 8270	Extractable Organics	NELAP	2/6/2002
4-Methyl-2-pentanone (MIBK)	EPA 8260	Volatile Organics	NELAP	2/6/2002
4-Nitroaniline	EPA 8270	Extractable Organics	NELAP	2/6/2002
4-Nitrophenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
5-Nitro-o-toluidine	EPA 8270	Extractable Organics	NELAP	2/6/2002
7,12-Dimethylbenz(a) anthracene	EPA 8270	Extractable Organics	NELAP	2/6/2002
a,a-Dimethylphenethylamine	EPA 8270	Extractable Organics	NELAP	2/6/2002
Acenaphthene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Acenaphthylene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Acetone	EPA 8260	Volatile Organics	NELAP	2/6/2002
Acetonitrile	EPA 8260	Volatile Organics	NELAP	2/6/2002
Acetophenone	EPA 8270	Extractable Organics	NELAP	2/6/2002
Acifluorfen	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/30/2007
Acrolein (Propenal)	EPA 8260	Volatile Organics	NELAP	2/6/2002
Acrylonitrile	EPA 8260	Volatile Organics	NELAP	2/6/2002
Aldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Allyl chloride (3-Chloropropene)	EPA 8260	Volatile Organics	NELAP	2/6/2002
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
alpha-Chlordane	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Aluminum	EPA 6010	Metals	NELAP	3/23/2012
Aluminum	EPA 6020	Metals	NELAP	10/17/2003
Amenable cyanide	EPA 9012	General Chemistry	NELAP	2/6/2002
a-Methylstyrene	EPA 8260	Volatile Organics	NELAP	3/28/2014
Ammonia as N	EPA 350.1	General Chemistry	NELAP	7/30/2007
Aniline	EPA 8270	Extractable Organics	NELAP	2/6/2002
Anthracene	EPA 8270	Extractable Organics	NELAP	2/6/2002

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Antimony	EPA 6010	Metals	NELAP	2/6/2002
Antimony	EPA 6020	Metals	NELAP	10/17/2003
Aramite	EPA 8270	Extractable Organics	NELAP	2/6/2002
Aroclor-1016 (PCB-1016)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Aroclor-1221 (PCB-1221)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Aroclor-1232 (PCB-1232)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Aroclor-1242 (PCB-1242)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Aroclor-1248 (PCB-1248)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Aroclor-1254 (PCB-1254)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Aroclor-1260 (PCB-1260)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Aroclor-1262 (PCB-1262)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	12/4/2020
Aroclor-1268 (PCB-1268)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	12/4/2020
Arsenic	EPA 6010	Metals	NELAP	2/6/2002
Arsenic	EPA 6020	Metals	NELAP	10/17/2003
Atrazine	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/4/2020
Barium	EPA 6010	Metals	NELAP	2/6/2002
Barium	EPA 6020	Metals	NELAP	10/17/2003
Bentazon	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/30/2007
Benzaldehyde	EPA 8270	Extractable Organics	NELAP	12/4/2020
Benzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Benzidine	EPA 8270	Extractable Organics	NELAP	2/6/2002
Benzo(a)anthracene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Benzo(a)pyrene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Benzo(b)fluoranthene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Benzo(g,h,i)perylene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Benzo(k)fluoranthene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Benzoic acid	EPA 8270	Extractable Organics	NELAP	2/6/2002
Benzyl alcohol	EPA 8270	Extractable Organics	NELAP	2/6/2002
Benzyl chloride	EPA 8260	Volatile Organics	NELAP	3/28/2014
Beryllium	EPA 6010	Metals	NELAP	2/6/2002
Beryllium	EPA 6020	Metals	NELAP	10/17/2003
beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270	Extractable Organics	NELAP	12/4/2020
bis(2-Chloroethoxy)methane	EPA 8270	Extractable Organics	NELAP	2/6/2002
bis(2-Chloroethyl) ether	EPA 8270	Extractable Organics	NELAP	2/6/2002
Boron	EPA 6010	Metals	NELAP	2/6/2002

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State Laboratory ID: **E87052**

EPA Lab Code: **GA00006**

(912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Bromide	EPA 300.0	General Chemistry	NELAP	7/30/2007
Bromide	EPA 9056	General Chemistry	NELAP	2/6/2002
Bromobenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Bromochloromethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
Bromodichloromethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
Bromoform	EPA 8260	Volatile Organics	NELAP	2/6/2002
Butyl Acrylate	EPA 8260	Volatile Organics	NELAP	3/28/2014
Butyl benzyl phthalate	EPA 8270	Extractable Organics	NELAP	2/6/2002
Cadmium	EPA 6010	Metals	NELAP	2/6/2002
Cadmium	EPA 6020	Metals	NELAP	10/17/2003
Calcium	EPA 6010	Metals	NELAP	2/6/2002
Calcium	EPA 6020	Metals	NELAP	10/17/2003
Caprolactam	EPA 8270	Extractable Organics	NELAP	12/4/2020
Carbazole	EPA 8270	Extractable Organics	NELAP	2/6/2002
Carbon disulfide	EPA 8260	Volatile Organics	NELAP	2/6/2002
Carbon tetrachloride	EPA 8260	Volatile Organics	NELAP	2/6/2002
Chloramben	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/30/2007
Chlordane (tech.)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Chloride	EPA 300.0	General Chemistry	NELAP	7/30/2007
Chloride	EPA 9056	General Chemistry	NELAP	2/6/2002
Chloride	EPA 9251	General Chemistry	NELAP	12/4/2020
Chlorobenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Chlorobenzilate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Chloroethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
Chloroform	EPA 8260	Volatile Organics	NELAP	2/6/2002
Chloroprene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Chromium	EPA 6010	Metals	NELAP	2/6/2002
Chromium	EPA 6020	Metals	NELAP	10/17/2003
Chrysene	EPA 8270	Extractable Organics	NELAP	2/6/2002
cis-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	2/6/2002
cis-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Cobalt	EPA 6010	Metals	NELAP	2/6/2002
Cobalt	EPA 6020	Metals	NELAP	10/17/2003
Copper	EPA 6010	Metals	NELAP	2/6/2002
Copper	EPA 6020	Metals	NELAP	10/17/2003
Cyclohexane	EPA 8260	Volatile Organics	NELAP	12/4/2020

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Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Dacthal (DCPA)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/30/2007
Dalapon	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
delta-BHC	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270	Extractable Organics	NELAP	2/6/2002
Diallate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Dibenz(a,h)anthracene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Dibenzofuran	EPA 8270	Extractable Organics	NELAP	2/6/2002
Dibromochloromethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
Dibromomethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
Dicamba	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Dichlorodifluoromethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
Dichloroprop (Dichloroprop)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Dieldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Diesel range organics (DRO)	EPA 8015	Extractable Organics	NELAP	2/6/2002
Diethyl ether	EPA 8260	Volatile Organics	NELAP	2/6/2002
Diethyl phthalate	EPA 8270	Extractable Organics	NELAP	2/6/2002
Di-isopropylether (DIPE)	EPA 8260	Volatile Organics	NELAP	3/28/2014
Dimethoate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Dimethyl phthalate	EPA 8270	Extractable Organics	NELAP	2/6/2002
Di-n-butyl phthalate	EPA 8270	Extractable Organics	NELAP	2/6/2002
Di-n-octyl phthalate	EPA 8270	Extractable Organics	NELAP	2/6/2002
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Disulfoton	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Endosulfan I	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Endosulfan II	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Endosulfan sulfate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Endrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Endrin aldehyde	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Endrin ketone	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Ethanol	EPA 8015	Volatile Organics	NELAP	2/6/2002
Ethanol	EPA 8260	Volatile Organics	NELAP	3/28/2014
Ethyl acetate	EPA 8015	Volatile Organics	NELAP	2/6/2002
Ethyl acetate	EPA 8260	Volatile Organics	NELAP	3/28/2014
Ethyl acrylate	EPA 8260	Volatile Organics	NELAP	3/28/2014
Ethyl methacrylate	EPA 8260	Volatile Organics	NELAP	2/6/2002

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 9/15/2022

Expiration Date: 6/30/2023



Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-69, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Ethyl methanesulfonate	EPA 8270	Extractable Organics	NELAP	2/6/2002
Ethylbenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Ethylene glycol	EPA 8015	Volatile Organics	NELAP	7/30/2007
Ethyl-t-butylether (ETBE)	EPA 8260	Volatile Organics	NELAP	3/28/2014
Famphur	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Fluoranthene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Fluorene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Fluoride	EPA 300.0	General Chemistry	NELAP	7/30/2007
Fluoride	EPA 9056	General Chemistry	NELAP	2/6/2002
Furan	EPA 8260	Volatile Organics	NELAP	3/28/2014
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
gamma-Chlordane	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Gasoline range organics (GRO)	EPA 8015	Extractable Organics	NELAP	2/6/2002
Heptachlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Heptachlor epoxide	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Hexachlorobenzene	EPA 8270	Pesticides-Herbicides-PCB's,Extractable Organics	NELAP	2/6/2002
Hexachlorobutadiene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Hexachlorobutadiene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Hexachlorocyclopentadiene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Hexachloroethane	EPA 8270	Extractable Organics	NELAP	2/6/2002
Hexachlorophene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Hexachloropropene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Ignitability	EPA 1010	General Chemistry	NELAP	9/15/2022
Ignitability	EPA 1030	General Chemistry	NELAP	7/30/2007
Indeno(1,2,3-cd)pyrene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Iodomethane (Methyl iodide)	EPA 8260	Volatile Organics	NELAP	2/6/2002
Iron	EPA 6010	Metals	NELAP	2/6/2002
Iron	EPA 6020	Metals	NELAP	10/17/2003
Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8015	Volatile Organics	NELAP	7/30/2007
Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260	Volatile Organics	NELAP	2/6/2002
Isodrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Isophorone	EPA 8270	Extractable Organics	NELAP	2/6/2002
Isopropyl alcohol (2-Propanol)	EPA 8015	Volatile Organics	NELAP	7/30/2007
Isopropyl alcohol (2-Propanol)	EPA 8260	Volatile Organics	NELAP	3/28/2014
Isopropylbenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002

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Issue Date: 9/15/2022

Expiration Date: 6/30/2023

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Isosafrole	EPA 8270	Extractable Organics	NELAP	2/6/2002
Kepone	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Kjeldahl nitrogen - total	EPA 351.2	General Chemistry	NELAP	12/2/2005
Lead	EPA 6010	Metals	NELAP	2/6/2002
Lead	EPA 6020	Metals	NELAP	10/17/2003
Lithium	EPA 6010	Metals	NELAP	9/15/2022
m+p-Xylenes	EPA 8260	Volatile Organics	NELAP	7/30/2007
Magnesium	EPA 6010	Metals	NELAP	2/6/2002
Magnesium	EPA 6020	Metals	NELAP	10/17/2003
Manganese	EPA 6010	Metals	NELAP	2/6/2002
Manganese	EPA 6020	Metals	NELAP	10/17/2003
MCPA	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
MCPP	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Mercury	EPA 6020	Metals	NELAP	7/30/2007
Mercury	EPA 7471	Metals	NELAP	2/6/2002
Methacrylonitrile	EPA 8260	Volatile Organics	NELAP	2/6/2002
Methanol	EPA 8015	Volatile Organics	NELAP	7/30/2007
Methapyrilene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Methoxychlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Methyl acetate	EPA 8260	Volatile Organics	NELAP	12/4/2020
Methyl bromide (Bromomethane)	EPA 8260	Volatile Organics	NELAP	2/6/2002
Methyl chloride (Chloromethane)	EPA 8260	Volatile Organics	NELAP	2/6/2002
Methyl methacrylate	EPA 8260	Volatile Organics	NELAP	2/6/2002
Methyl methanesulfonate	EPA 8270	Extractable Organics	NELAP	2/6/2002
Methyl parathion (Parathion, methyl)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Methyl tert-butyl ether (MTBE)	EPA 8260	Volatile Organics	NELAP	2/6/2002
Methylcyclohexane	EPA 8260	Volatile Organics	NELAP	12/4/2020
Methylene chloride	EPA 8260	Volatile Organics	NELAP	2/6/2002
Mirex	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/30/2007
Molybdenum	EPA 6010	Metals	NELAP	2/6/2002
Molybdenum	EPA 6020	Metals	NELAP	7/30/2007
Naphthalene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Naphthalene	EPA 8270	Extractable Organics	NELAP	2/6/2002
n-Butyl Acetate	EPA 8260	Volatile Organics	NELAP	3/28/2014
n-Butyl alcohol	EPA 8015	Volatile Organics	NELAP	7/30/2007
n-Butyl alcohol	EPA 8260	Volatile Organics	NELAP	3/28/2014

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Issue Date: 9/15/2022**Expiration Date: 6/30/2023**

**Laboratory Scope of Accreditation**

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
n-Butylbenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Nickel	EPA 6010	Metals	NELAP	2/6/2002
Nickel	EPA 6020	Metals	NELAP	10/17/2003
Nitrate	EPA 9056	General Chemistry	NELAP	2/6/2002
Nitrate as N	EPA 300.0	General Chemistry	NELAP	7/30/2007
Nitrate as N	EPA 353.2	General Chemistry	NELAP	12/2/2005
Nitrite	EPA 9056	General Chemistry	NELAP	2/6/2002
Nitrite as N	EPA 300.0	General Chemistry	NELAP	7/30/2007
Nitrite as N	EPA 353.2	General Chemistry	NELAP	12/2/2005
Nitrobenzene	EPA 8270	Extractable Organics	NELAP	2/6/2002
n-Nitrosodiethylamine	EPA 8270	Extractable Organics	NELAP	2/6/2002
n-Nitrosodimethylamine	EPA 8270	Extractable Organics	NELAP	2/6/2002
n-Nitroso-di-n-butylamine	EPA 8270	Extractable Organics	NELAP	2/6/2002
n-Nitrosodi-n-propylamine	EPA 8270	Extractable Organics	NELAP	2/6/2002
n-Nitrosodiphenylamine	EPA 8270	Extractable Organics	NELAP	2/6/2002
n-Nitrosomethylethylamine	EPA 8270	Extractable Organics	NELAP	2/6/2002
n-Nitrosomorpholine	EPA 8270	Extractable Organics	NELAP	2/6/2002
n-Nitrosopiperidine	EPA 8270	Extractable Organics	NELAP	2/6/2002
n-Nitrosopyrrolidine	EPA 8270	Extractable Organics	NELAP	2/6/2002
n-Propanol	EPA 8015	Volatile Organics	NELAP	7/30/2007
n-Propylbenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
o,o,o-Triethyl phosphorothioate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Organic nitrogen	TKN minus AMMONIA	General Chemistry	NELAP	7/30/2007
Orthophosphate as P	EPA 365.1	General Chemistry	NELAP	11/18/2008
o-Xylene	EPA 8260	Volatile Organics	NELAP	7/30/2007
Paint Filter Liquids	EPA 9095	General Chemistry	NELAP	7/30/2007
Parathion, ethyl	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Pentachlorobenzene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Pentachloroethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
Pentachloronitrobenzene (Quintozene)	EPA 8270	Extractable Organics	NELAP	2/6/2002
Pentachlorophenol	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Pentachlorophenol	EPA 8270	Extractable Organics	NELAP	2/6/2002
pH	EPA 9045	General Chemistry	NELAP	2/6/2002
Phenacetin	EPA 8270	Extractable Organics	NELAP	2/6/2002
Phenanthrene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Phenol	EPA 8270	Extractable Organics	NELAP	2/6/2002

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Issue Date: 9/15/2022**Expiration Date: 6/30/2023**

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**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Phorate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Phosphorus, total	EPA 365.4	General Chemistry	NELAP	12/2/2005
Phosphorus, total	EPA 6010	Metals	NELAP	9/15/2022
Picloram	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/30/2007
p-Isopropyltoluene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Potassium	EPA 6010	Metals	NELAP	2/6/2002
Potassium	EPA 6020	Metals	NELAP	10/17/2003
Pronamide (Kerb)	EPA 8270	Extractable Organics	NELAP	2/6/2002
Propionitrile (Ethyl cyanide)	EPA 8260	Volatile Organics	NELAP	2/6/2002
Pyrene	EPA 8270	Extractable Organics	NELAP	2/6/2002
Pyridine	EPA 8270	Extractable Organics	NELAP	2/6/2002
Safrole	EPA 8270	Extractable Organics	NELAP	2/6/2002
sec-Butylbenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Selenium	EPA 6010	Metals	NELAP	2/6/2002
Selenium	EPA 6020	Metals	NELAP	10/17/2003
Silver	EPA 6010	Metals	NELAP	2/6/2002
Silver	EPA 6020	Metals	NELAP	10/17/2003
Silvex (2,4,5-TP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Sodium	EPA 6010	Metals	NELAP	2/6/2002
Sodium	EPA 6020	Metals	NELAP	10/17/2003
Strontium	EPA 6010	Metals	NELAP	2/6/2002
Styrene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Sulfate	EPA 300.0	General Chemistry	NELAP	7/30/2007
Sulfate	EPA 9038	General Chemistry	NELAP	2/6/2002
Sulfate	EPA 9056	General Chemistry	NELAP	2/6/2002
Sulfide	EPA 9030	General Chemistry	NELAP	2/6/2002
Sulfide	EPA 9034	General Chemistry	NELAP	2/6/2002
Sulfotep	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	General Chemistry	NELAP	2/6/2002
T-amylmethylether (TAME)	EPA 8260	Volatile Organics	NELAP	3/28/2014
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8015	Volatile Organics	NELAP	7/30/2007
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260	Volatile Organics	NELAP	7/30/2007
tert-Butylbenzene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Tetrachloroethylene (Perchloroethylene)	EPA 8260	Volatile Organics	NELAP	2/6/2002
Thallium	EPA 6010	Metals	NELAP	2/6/2002
Thallium	EPA 6020	Metals	NELAP	10/17/2003

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Issue Date: 9/15/2022**Expiration Date: 6/30/2023**

**Laboratory Scope of Accreditation**

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State Laboratory ID: **E87052**EPA Lab Code: **GA00006****(912) 354-7858****E87052**

**Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Thionazin (Zinophos)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Tin	EPA 6010	Metals	NELAP	2/6/2002
Titanium	EPA 6010	Metals	NELAP	7/30/2007
Toluene	EPA 8260	Volatile Organics	NELAP	2/6/2002
Total cyanide	EPA 9012	General Chemistry	NELAP	2/6/2002
Total nitrate-nitrite	EPA 353.2	General Chemistry	NELAP	12/2/2005
Total nitrate-nitrite	EPA 9056	General Chemistry	NELAP	2/6/2002
Total Nitrogen	TKN + Total Nitrate-Nitrite	General Chemistry	NELAP	7/30/2007
Total Petroleum Hydrocarbons (TPH)	FL-PRO	Extractable Organics	NELAP	9/15/2022
Total phenolics	EPA 9065	General Chemistry	NELAP	2/6/2002
Toxaphene (Chlorinated camphene)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/6/2002
Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	General Chemistry	NELAP	2/6/2002
trans-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	2/6/2002
trans-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	2/6/2002
trans-1,4-Dichloro-2-butene	EPA 8260	Volatile Organics	NELAP	7/30/2007
Trichloroethene (Trichloroethylene)	EPA 8260	Volatile Organics	NELAP	2/6/2002
Trichlorofluoromethane	EPA 8260	Volatile Organics	NELAP	2/6/2002
Vanadium	EPA 6010	Metals	NELAP	2/6/2002
Vanadium	EPA 6020	Metals	NELAP	10/17/2003
Vinyl acetate	EPA 8260	Volatile Organics	NELAP	2/6/2002
Vinyl chloride	EPA 8260	Volatile Organics	NELAP	2/6/2002
Xylene (total)	EPA 8260	Volatile Organics	NELAP	2/6/2002
Zinc	EPA 6010	Metals	NELAP	2/6/2002
Zinc	EPA 6020	Metals	NELAP	10/17/2003



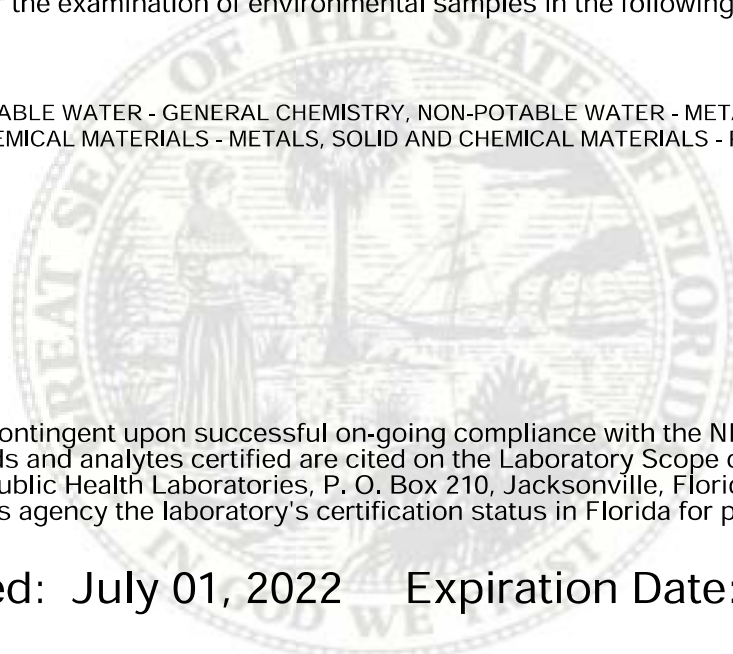
State of Florida
 Department of Health, Bureau of Public Health Laboratories
 This is to certify that

E87689

EUROFINS TESTAMERICA ST. LOUIS
 13715 RIDER TRAIL NORTH
 EARTH CITY, MO 63045

has complied with Florida Administrative Code 64E-1,
 for the examination of environmental samples in the following categories

DRINKING WATER - RADIOCHEMISTRY, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER
 - RADIOCHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - RADIOCHEMISTRY



Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2022 Expiration Date: June 30, 2023



Susanne Crowe

Susanne Crowe, MHA
 Interim Chief Bureau of Public Health Laboratories
 DH Form 1697, 7/04
 NON-TRANSFERABLE E87689-65-07/01/2022
 Supersedes all previously issued certificates



Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-65, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689

EPA Lab Code: MO00054

(314) 298-8566

E87689

Eurofins TestAmerica St. Louis

13715 Rider Trail North

Earth City, MO 63045

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Gross Alpha	EPA 900.0	Radiochemistry	NELAP	1/19/2016
Gross Alpha	SM 7110 C	Radiochemistry	NELAP	2/17/2018
Gross Beta	EPA 900.0	Radiochemistry	NELAP	2/25/2015
Isotopic Uranium	DOE U-02-RC	Radiochemistry	NELAP	8/15/2018
Radium-226	EPA 903.0	Radiochemistry	NELAP	3/31/2015
Radium-228	EPA 904.0	Radiochemistry	NELAP	12/10/2008
Radon	SM 7500-Rn B	Radiochemistry	NELAP	8/15/2018
Radon-222	ST-RC-0222 / LSC	Radiochemistry	NELAP	7/1/2020
Selenium-79	ST-RC-0079 / LSC	Radiochemistry	NELAP	7/1/2020
Strontium-90	DOE Sr-02	Radiochemistry	NELAP	12/10/2008
Strontium-90	DOE Sr-03-RC	Radiochemistry	NELAP	12/10/2008
Strontium-90	EPA 905.0	Radiochemistry	NELAP	12/10/2008
Tritium	EPA 906.0	Radiochemistry	NELAP	12/10/2008
Uranium (activity)	DOE U-02	Radiochemistry	NELAP	8/15/2018
Uranium (mass)	EPA 200.8	Radiochemistry	NELAP	8/15/2018



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State Laboratory ID: E87689

EPA Lab Code: MO00054

(314) 298-8566

E87689

Eurofins TestAmerica St. Louis

13715 Rider Trail North

Earth City, MO 63045

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Aluminum	EPA 200.7	General Chemistry,Metals	NELAP	7/1/2013
Aluminum	EPA 200.8	Metals	NELAP	7/1/2013
Aluminum	EPA 6010	Metals	NELAP	7/1/2013
Aluminum	EPA 6020	Metals	NELAP	7/1/2013
Antimony	EPA 200.7	Metals	NELAP	7/1/2013
Antimony	EPA 200.8	Metals	NELAP	7/1/2013
Antimony	EPA 6010	Metals	NELAP	7/1/2013
Antimony	EPA 6020	Metals	NELAP	7/1/2013
Arsenic	EPA 200.7	General Chemistry,Metals	NELAP	7/1/2013
Arsenic	EPA 200.8	Metals	NELAP	7/1/2013
Arsenic	EPA 6010	Metals	NELAP	7/1/2013
Arsenic	EPA 6020	Metals	NELAP	7/1/2013
Barium	EPA 200.7	Metals	NELAP	7/1/2013
Barium	EPA 200.8	Metals	NELAP	7/1/2013
Barium	EPA 6010	Metals	NELAP	7/1/2013
Barium	EPA 6020	Metals	NELAP	7/1/2013
Beryllium	EPA 200.7	General Chemistry,Metals	NELAP	7/1/2013
Beryllium	EPA 200.8	Metals	NELAP	7/1/2013
Beryllium	EPA 6010	Metals	NELAP	7/1/2013
Beryllium	EPA 6020	Metals	NELAP	7/1/2013
Boron	EPA 200.7	Metals	NELAP	7/1/2013
Boron	EPA 6010	Metals	NELAP	7/1/2013
Boron	EPA 6020	Metals	NELAP	7/1/2013
Cadmium	EPA 200.7	General Chemistry,Metals	NELAP	7/1/2013
Cadmium	EPA 200.8	Metals	NELAP	7/1/2013
Cadmium	EPA 6010	Metals	NELAP	7/1/2013
Cadmium	EPA 6020	Metals	NELAP	7/1/2013
Calcium	EPA 200.7	General Chemistry,Metals	NELAP	7/1/2013
Calcium	EPA 6010	Metals	NELAP	7/1/2013
Calcium	EPA 6020	Metals	NELAP	7/1/2013
Chromium	EPA 200.7	Metals	NELAP	7/1/2013
Chromium	EPA 200.8	Metals	NELAP	7/1/2013
Chromium	EPA 6010	Metals	NELAP	7/1/2013
Chromium	EPA 6020	Metals	NELAP	7/1/2013
Cobalt	EPA 200.7	Metals	NELAP	7/1/2013
Cobalt	EPA 200.8	Metals	NELAP	7/1/2013

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Issue Date: 7/1/2022

Expiration Date: 6/30/2023



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13715 Rider Trail North

Earth City, MO 63045

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Cobalt	EPA 6010	Metals	NELAP	7/1/2013
Cobalt	EPA 6020	Metals	NELAP	7/1/2013
Copper	EPA 200.7	General Chemistry,Metals	NELAP	7/1/2013
Copper	EPA 200.8	Metals	NELAP	7/1/2013
Copper	EPA 6010	Metals	NELAP	7/1/2013
Copper	EPA 6020	Metals	NELAP	7/1/2013
Gamma Emitters	EPA 901.1	Radiochemistry	NELAP	7/1/2013
Gross Alpha	EPA 900.0	Radiochemistry	NELAP	7/1/2013
Gross Alpha	EPA 9310	Radiochemistry	NELAP	7/1/2013
Gross Beta	EPA 900.0	Radiochemistry	NELAP	7/1/2013
Gross Beta	EPA 9310	Radiochemistry	NELAP	7/1/2013
Iron	EPA 200.7	Metals	NELAP	7/1/2013
Iron	EPA 6010	Metals	NELAP	7/1/2013
Iron	EPA 6020	Metals	NELAP	7/1/2013
Lead	EPA 200.7	General Chemistry,Metals	NELAP	7/1/2013
Lead	EPA 200.8	Metals	NELAP	7/1/2013
Lead	EPA 6010	Metals	NELAP	7/1/2013
Lead	EPA 6020	Metals	NELAP	7/1/2013
Lithium	EPA 6010	Metals	NELAP	7/1/2013
Magnesium	EPA 200.7	General Chemistry,Metals	NELAP	7/1/2013
Magnesium	EPA 200.8	Metals	NELAP	7/1/2013
Magnesium	EPA 6010	Metals	NELAP	7/1/2013
Magnesium	EPA 6020	Metals	NELAP	7/1/2013
Manganese	EPA 200.7	General Chemistry,Metals	NELAP	7/1/2013
Manganese	EPA 200.8	Metals	NELAP	7/1/2013
Manganese	EPA 6010	Metals	NELAP	7/1/2013
Manganese	EPA 6020	Metals	NELAP	7/1/2013
Mercury	EPA 245.1	Metals	NELAP	7/1/2013
Mercury	EPA 7470	Metals	NELAP	7/1/2013
Molybdenum	EPA 200.7	Metals	NELAP	7/1/2013
Molybdenum	EPA 200.8	Metals	NELAP	7/1/2013
Molybdenum	EPA 6010	Metals	NELAP	7/1/2013
Molybdenum	EPA 6020	Metals	NELAP	7/1/2013
Nickel	EPA 200.7	General Chemistry,Metals	NELAP	7/1/2013
Nickel	EPA 200.8	Metals	NELAP	7/1/2013
Nickel	EPA 6010	Metals	NELAP	7/1/2013

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2022

Expiration Date: 6/30/2023



Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-65, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689

EPA Lab Code: MO00054

(314) 298-8566

E87689

Eurofins TestAmerica St. Louis

13715 Rider Trail North

Earth City, MO 63045

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Nickel	EPA 6020	Metals	NELAP	7/1/2013
Potassium	EPA 200.7	Metals	NELAP	7/1/2013
Potassium	EPA 6010	Metals	NELAP	7/1/2013
Potassium	EPA 6020	Metals	NELAP	7/1/2013
Radium-226	EPA 903.0	Radiochemistry	NELAP	7/1/2013
Radium-228	EPA 904.0	Radiochemistry	NELAP	7/1/2013
Radium-228	EPA 9320	Radiochemistry	NELAP	7/1/2013
Selenium	EPA 200.7	Metals	NELAP	7/1/2013
Selenium	EPA 200.8	Metals	NELAP	7/1/2013
Selenium	EPA 6010	Metals	NELAP	7/1/2013
Selenium	EPA 6020	Metals	NELAP	7/1/2013
Silver	EPA 200.7	Metals	NELAP	7/1/2013
Silver	EPA 200.8	Metals	NELAP	7/1/2013
Silver	EPA 6010	Metals	NELAP	7/1/2013
Silver	EPA 6020	Metals	NELAP	7/1/2013
Sodium	EPA 200.7	Metals	NELAP	7/1/2013
Sodium	EPA 6010	Metals	NELAP	7/1/2013
Sodium	EPA 6020	Metals	NELAP	7/1/2013
Strontium	EPA 200.7	Metals	NELAP	7/1/2013
Strontium	EPA 6010	Metals	NELAP	7/1/2013
Strontium	EPA 6020	Metals	NELAP	7/1/2013
Strontium-90	DOE Sr-03-RC	Radiochemistry	NELAP	7/1/2013
Strontium-90	EPA 905.0	Radiochemistry	NELAP	7/1/2013
Thallium	EPA 200.7	Metals	NELAP	7/1/2013
Thallium	EPA 200.8	Metals	NELAP	7/1/2013
Thallium	EPA 6010	Metals	NELAP	7/1/2013
Thallium	EPA 6020	Metals	NELAP	7/1/2013
Thorium	EPA 200.8	Metals	NELAP	7/1/2013
Thorium	EPA 6020	Metals	NELAP	7/1/2013
Tin	EPA 200.7	Metals	NELAP	7/1/2013
Tin	EPA 6010	Metals	NELAP	7/1/2013
Tin	EPA 6020	Metals	NELAP	7/1/2013
Titanium	EPA 200.7	Metals	NELAP	7/1/2013
Titanium	EPA 6010	Metals	NELAP	7/1/2013
Titanium	EPA 6020	Metals	NELAP	7/1/2013
Total radium	EPA 903.0	Radiochemistry	NELAP	4/21/2020

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Issue Date: 7/1/2022

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EPA Lab Code: MO00054

(314) 298-8566

E87689

**Eurofins TestAmerica St. Louis
13715 Rider Trail North
Earth City, MO 63045**

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Total radium	EPA 9315	Radiochemistry	NELAP	7/1/2013
Tritium	EPA 906.0	Radiochemistry	NELAP	7/1/2013
Uranium (mass)	EPA 200.8	Metals	NELAP	7/1/2013
Uranium (mass)	EPA 6020	Metals	NELAP	7/1/2013
Vanadium	EPA 200.7	General Chemistry,Metals	NELAP	7/1/2013
Vanadium	EPA 200.8	Metals	NELAP	7/1/2013
Vanadium	EPA 6010	Metals	NELAP	7/1/2013
Vanadium	EPA 6020	Metals	NELAP	7/1/2013
Zinc	EPA 200.7	General Chemistry,Metals	NELAP	7/1/2013
Zinc	EPA 200.8	Metals	NELAP	7/1/2013
Zinc	EPA 6010	Metals	NELAP	7/1/2013
Zinc	EPA 6020	Metals	NELAP	7/1/2013



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EPA Lab Code: MO00054

(314) 298-8566

E87689

Eurofins TestAmerica St. Louis

13715 Rider Trail North

Earth City, MO 63045

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
Aluminum	EPA 6010	Metals	NELAP	7/1/2013
Aluminum	EPA 6020	Metals	NELAP	7/1/2013
Antimony	EPA 6010	Metals	NELAP	7/1/2013
Antimony	EPA 6020	Metals	NELAP	7/1/2013
Arsenic	EPA 6010	Metals	NELAP	7/1/2013
Arsenic	EPA 6020	Metals	NELAP	7/1/2013
Barium	EPA 6010	Metals	NELAP	7/1/2013
Barium	EPA 6020	Metals	NELAP	7/1/2013
Beryllium	EPA 6010	Metals	NELAP	7/1/2013
Beryllium	EPA 6020	Metals	NELAP	7/1/2013
Boron	EPA 6010	Metals	NELAP	7/1/2013
Boron	EPA 6020	Metals	NELAP	7/1/2013
Cadmium	EPA 6010	Metals	NELAP	7/1/2013
Cadmium	EPA 6020	Metals	NELAP	7/1/2013
Calcium	EPA 6010	Metals	NELAP	7/1/2013
Calcium	EPA 6020	Metals	NELAP	7/1/2013
Chromium	EPA 6010	Metals	NELAP	7/1/2013
Chromium	EPA 6020	Metals	NELAP	7/1/2013
Cobalt	EPA 6010	Metals	NELAP	7/1/2013
Cobalt	EPA 6020	Metals	NELAP	7/1/2013
Copper	EPA 6010	Metals	NELAP	7/1/2013
Copper	EPA 6020	Metals	NELAP	7/1/2013
Gross Alpha	EPA 9310	Radiochemistry	NELAP	7/1/2013
Gross Beta	EPA 9310	Radiochemistry	NELAP	7/1/2013
Iron	EPA 6010	Metals	NELAP	7/1/2013
Iron	EPA 6020	Metals	NELAP	7/1/2013
Lead	EPA 6010	Metals	NELAP	7/1/2013
Lead	EPA 6020	Metals	NELAP	7/1/2013
Lithium	EPA 6010	Metals	NELAP	7/1/2013
Magnesium	EPA 6010	Metals	NELAP	7/1/2013
Magnesium	EPA 6020	Metals	NELAP	7/1/2013
Manganese	EPA 6010	Metals	NELAP	7/1/2013
Manganese	EPA 6020	Metals	NELAP	7/1/2013
Mercury	EPA 7471	Metals	NELAP	7/1/2013
Molybdenum	EPA 6010	Metals	NELAP	7/1/2013
Molybdenum	EPA 6020	Metals	NELAP	7/1/2013

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Issue Date: 7/1/2022

Expiration Date: 6/30/2023



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EPA Lab Code: MO00054

(314) 298-8566

E87689

Eurofins TestAmerica St. Louis

13715 Rider Trail North

Earth City, MO 63045

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
Nickel	EPA 6010	Metals	NELAP	7/1/2013
Nickel	EPA 6020	Metals	NELAP	7/1/2013
Potassium	EPA 6010	Metals	NELAP	7/1/2013
Potassium	EPA 6020	Metals	NELAP	7/1/2013
Radium-228	EPA 9320	Radiochemistry	NELAP	7/1/2013
Selenium	EPA 6010	Metals	NELAP	7/1/2013
Selenium	EPA 6020	Metals	NELAP	7/1/2013
Silicon	EPA 6010	Metals	NELAP	7/1/2020
Silver	EPA 6010	Metals	NELAP	7/1/2013
Silver	EPA 6020	Metals	NELAP	7/1/2013
Sodium	EPA 6010	Metals	NELAP	7/1/2013
Sodium	EPA 6020	Metals	NELAP	7/1/2013
Strontium	EPA 6010	Metals	NELAP	7/1/2013
Strontium	EPA 6020	Metals	NELAP	7/1/2013
Thallium	EPA 6010	Metals	NELAP	7/1/2013
Thallium	EPA 6020	Metals	NELAP	7/1/2013
Tin	EPA 6010	Metals	NELAP	7/1/2013
Tin	EPA 6020	Metals	NELAP	7/1/2013
Titanium	EPA 6010	Metals	NELAP	7/1/2013
Titanium	EPA 6020	Metals	NELAP	7/1/2013
Total radium	EPA 9315	Radiochemistry	NELAP	7/1/2013
Uranium (mass)	EPA 6020	Metals	NELAP	7/1/2013
Vanadium	EPA 6010	Metals	NELAP	7/1/2013
Vanadium	EPA 6020	Metals	NELAP	7/1/2013
Zinc	EPA 6010	Metals	NELAP	7/1/2013
Zinc	EPA 6020	Metals	NELAP	7/1/2013

APPENDIX B

Data Validation Summaries
August 2022

Quality Control Review of Analytical Data- Plant Scherer Cell 1 and PAC Ash Cell Submitted by Eurofins TestAmerica August - November 2022

This narrative presents results of the quality control (QC) data review performed on analytical data submitted by Eurofins TestAmerica, Inc. for groundwater samples collected at Plant Scherer CCR Plant Scherer Cell 1 and PAC Ash Cell between August 24 and December 28, 2022. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1. In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D - Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10, the groundwater samples were analyzed for detection monitoring constituents listed in 40 CFR, Part 257, Appendix III and for applicable state and federal monitoring parameters pursuant to the sites 2010 D&O Plan. Additional analysis included cations and anions (potassium, magnesium, and sodium) and alkalinity (total, carbonate and bicarbonate). Test methods included Inductively Coupled Plasma - Mass Spectrometry (USEPA Method 6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions by Ion Chromatography (USEPA Method 300.0), Total Dissolved Solids (Standard Methods 2540C), and Alkalinity by Titration through Standard Method 2320B (SM2320B).

Data were reviewed in accordance with the US EPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program (CLP) Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0), US EPA Region IV Data Validation Standard Operating Procedures for CLP Mercury Data by Cold Vapor Atomic Absorption (September 2011, Rev. 2.0), and the National Functional Guidelines for Inorganic Superfund Methods Data Review (November 2020). The review included an assessment of the results for completeness, precision (field and laboratory duplicates, matrix spike/matrix spike duplicates), accuracy (laboratory control samples and matrix spike samples), and sensitivity (reporting limits and blank contamination including field and laboratory blanks). Additionally, sample procedures, holding times and chains-of-custody were reviewed. Where there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytic methodology, method-specific criteria or professional judgment was used.

DATA QUALITY OBJECTIVES

Laboratory Precision:	Laboratory goals for precision were met.
Field Precision:	Field goals for precision were met with the exception of total dissolved solids (TDS) as described in the qualification section below.
Accuracy:	Laboratory goals for accuracy were met with the exception of total alkalinity and total organic carbon (TOC) as described in the qualification section below.
Sensitivity:	Project goals for detection limits were met. RL for certain samples were elevated without dilution due to the nature of the sample matrix and a smaller aliquot was used for analysis. Certain samples were diluted due to elevated concentrations of target analytes. Dilutions do not require qualifications based on USEPA guidelines. Detection and reporting limits of non-detect compounds are elevated proportional to the dilution when undiluted sample results are not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context

of site-wide characterization. Detections were found in certain blank results, as described in the qualification sections below.

Holding Times: All holding time requirements were met with the exception of TDS and TOC in SDGs 680-220259-1, 680-220298-1, 680-220434-1, 680-224200-1, and 680-224203-1.

Completeness: Several non-detect carbonate alkalinity results were rejected during this event due to exceedances of the analytical holding time.

QUALIFICATIONS

In general, chemical results for the samples collected at the Site were qualified based on imprecision or inaccuracy, or based on professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data by the laboratory.

- J** The analyte was positively identified above the method detection limit; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- J+** The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased high.
- U** The analyte was not detected above the method detection limit.
- UJ** The analyte was not detected above the method detection limit and the associated numerical value is the approximate concentration of the analyte in the sample.
- UR** The analyte was not detected above the method detection limit and the associated analyte was run over two times the recommended holding time.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. Although these qualifications were applied to data from samples collected at the site and reported in sample delivery groups (SDGs) listed in Table 1, qualifications may not have been required or applied to all samples collected. A summary of sample qualifications can be found in Table 2.

- Certain total alkalinity results from SDG 680-220259-1 were qualified as estimated, biased high as the associated laboratory control sample (LCS) recovery was greater than the upper control limit.
- Certain antimony, cobalt, nickel, fluoride, vanadium, sulfate, and TDS results from SDGs 680-220259-1, 680-220298-1, and 680-224203-1, were qualified as non-detect (U) when the analyte was detected at a similar concentration in an associated field and laboratory blank samples. As shown in Table 2, if the original sample results were below the reporting limit (RL), the results were qualified as non-detect (U) and the RL was reported as the new result. If the original sample results were greater than the RL, the results were U qualified and the RL was raised to the sample results.
- Certain total alkalinity, bicarbonate alkalinity, carbonate alkalinity, TOC, and TDS from SDGs 680-220259-1, 680-220298-1, and 680-220434-1 were analyzed outside of analytical holding time (HT) of 14, 28, and 7 days, respectively. Detected results were qualified as estimated (J), non-detects analyzed within 2xHT of collection as UJ, and non-detects analyzed past 2xHT as rejected (UR).

As described above, 97% of the results were acceptable for project use. The data, except those rejected, are considered usable for meeting project objectives and the results are considered valid.

REFERENCE

US EPA, November 2020, National Functional Guidelines for Inorganic Superfund Methods Data Review, Office of Superfund Remediation and Technology Innovation. OLEM 9240.0-51 [EPA 540-R-20-005]. Washington. DC, November 2020.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data By Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Mercury Data By Cold Vapor Atomic Absorption, Revision 2.0.

TABLE 1
Sample Summary Table
SCS Plant Scherer

SDGs	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses									
						Field pH	Total Metals (SW 6020B)	Mercury (EPA 7470A)	Anions (EPA 300.0)	Total Dissolved Solids (SW 2540C)	Alkalinity (SM 2320B)	Cations (EPA 6010D)	COD (410.4)	TOC (SM 5310C)	Cyanide (SM 4500 CN)
680-220259-1	GWA-17	8/24/2022	680-220259-1	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-1	8/24/2022	680-220259-2	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	DUP-4	8/24/2022	680-220259-3	WG	FD (GWC-1)	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-3	8/25/2022	680-220282-1	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-4	8/25/2022	680-220282-2	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-5	8/25/2022	680-220282-3	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-6	8/25/2022	680-220282-4	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-7	8/25/2022	680-220282-5	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-8A	8/25/2022	680-220282-6	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-9	8/25/2022	680-220282-7	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-10	8/25/2022	680-220282-8	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-11	8/25/2022	680-220282-9	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-15	8/25/2022	680-220282-10	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-16	8/25/2022	680-220282-11	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-18	8/25/2022	680-220282-12	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-19	8/25/2022	680-220282-13	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-20	8/25/2022	680-220282-14	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	FB-4	8/25/2022	680-220282-15	WQ	FB (GWC-19)	-	X	X	X	X	X	-	-	-	-
680-220259-1	EB-4	8/25/2022	680-220282-16	WQ	EB (GWC-5)	-	X	X	X	X	X	-	-	-	-
680-220259-1	FB-5	8/25/2022	680-220282-17	WQ	FB (GWC-11)	-	X	X	X	X	X	-	-	-	-
680-220259-1	DUP-5	8/25/2022	680-220282-18	WG	FD (GWC-4)	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-2	8/26/2022	680-220286-1	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-12	8/26/2022	680-220286-2	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-13	8/26/2022	680-220286-3	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	GWC-14	8/26/2022	680-220286-4	WG	-	X	X	X	X	X	X	-	-	-	-
680-220259-1	EB-5	8/26/2022	680-220286-5	WQ	EB (GWC-14)	-	X	X	X	X	X	-	-	-	-
680-220298-1	GWA-21	8/26/2022	680-220298-1	WG	-	X	X	X	X	X	X	-	-	-	-
680-220298-1	GWA-22	8/26/2022	680-220298-2	WG	-	X	X	X	X	X	X	-	-	-	-
680-220298-1	GWA-49	8/30/2022	680-220436-1	WG	-	X	X	X	X	X	X	-	-	-	-
680-220298-1	GWC-29	8/31/2022	680-220490-1	WG	-	X	X	X	X	X	X	-	-	-	-
680-220298-1	GWA-45	8/31/2022	680-220490-2	WG	-	X	X	X	X	X	X	-	-	-	-
680-220298-1	GWA-46	8/31/2022	680-220490-3	WG	-	X	X	X	X	X	X	-	-	-	-
680-220298-1	GWA-47	8/31/2022	680-220490-4	WG	-	X	X	X	X	X	X	-	-	-	-
680-220298-1	GWA-48	8/31/2022	680-220490-5	WG	-	X	X	X	X	X	X	-	-	-	-
680-220298-1	GWC-50	8/31/2022	680-220490-6	WG	-	X	X	X	X	X	X	-	-	-	-
680-220298-1	GWC-51	8/31/2022	680-220490-7	WG	-	X	X	X	X	X	X	-	-	-	-
680-220298-1	GWC-52	8/31/2022	680-220490-8	WG	-	X	X	X	X	X	X	-	-	-	-
680-220298-1	GWC-53	8/31/2022	680-220490-9	WG	-	X	X	X	X	X	X	-	-	-	-
680-220298-1	FB-6	8/31/2022	680-220490-10	WQ	FB (GWC-50)	-	X	X	X	X	X	-	-	-	-
680-220298-1	EB-6	8/31/2022	680-220490-11	WQ	EB (GWC-53)	-	X	X	X	X	X	-	-	-	-
680-220298-1	DUP-6	8/31/2022	680-220490-12	WG	FD (GWC-51)	-	X	X	X	X	X	-	-	-	-
680-220434-1	SWA-1	8/30/2022	680-220434-1	WS	-	X	X	X	X	X	-	X	X	X	-
680-220434-1	SWA-2	8/30/2022	680-220434-2	WS	-	X	X	X	X	X	-	-	X	X	X
680-220434-1	SWA-3	8/30/2022	680-220434-3	WS	-	X	X	X	X	X	-	-	X	X	X
680-220434-1	SWA-4	8/30/2022	680-220434-4	WS	-	X	X	X	X	X	-	-	-	-	-
680-220434-1	SWA-5	8/30/2022	680-220434-5	WS	-	X	X	X	X	X	-	-	-	-	-
680-220434-1	SWA-6	8/30/2022	680-220434-6	WS	-	X	X	X	X	X	-	-	-	-	-
680-220434-1	SWA-7	8/30/2022	680-220434-7	WS	-	X	X	X	X	X	-	X	X	X	-
680-220434-1	SWA-8	8/30/2022	680-220434-8	WS	-	X	X	X	X	X	-	-	-	-	-
680-220435-1	Effluent	8/30/2022	680-220435-1	WL	-	-	X	X	-	-	-	-	-	-	-
680-224203-1	GWC-29	10/25/2022	680-224203-1	WG	-	X	-	-	-	X	X	-	-	-	-
680-224203-1	GWA-45	10/25/2022	680-224203-2	WG	-	X	-	-	-	X	X	-	-	-	-
680-224203-1	GWA-46	10/25/2022	680-224203-3	WG	-	X	-	-	-	X	X	-	-	-	-
680-224203-1	GWA-47	10/25/2022	680-224203-4	WG	-	X	-	-	-	X	X	-	-	-	-
680-224203-1	GWA-48	10/25/2022	680-224203-5	WG	-	X	-	-	-	X	X	-	-	-	-
680-224203-1	GWA-49	10/25/2022	680-224203-6	WG	-	X	-	-	-	X	X	-	-	-	-
680-224203-1	GWC-50	10/25/2022	680-224203-7	WG	-	X	-	-	-	X	X	-	-	-	-
680-224203-1	GWC-51	10/25/2022	680-224203-8	WG	-	X	-	-	-	X	X	-	-	-	-
680-224203-1	GWC-52	10/25/2022	680-224203-9	WG	-	X	-	-	-	X	X	-	-	-	-
680-224203-1	GWC-53	10/25/2022	680-224203-10	WG	-	X	-	-	-	X	X	-	-	-	-
680-224203-1	DUP-6	10/25/2022	680-224203-11	WG	FD (GWC-52)	-	-	-	-	X	X	-	-	-	-
680-224203-1	EB-6	10/25/2022	680-224203-12	WQ	EB (GWA-45)	-	-	-	-	X	X	-	-	-	-
680-224203-1	FB-6	10/25/2022	680-224203-13	WQ	FB (GWA-47)	-	-	-	-	X	X	-	-	-	-
680-224244-1	SWA-1	10/26/2022	680-224244-1	WS	-	X	-	-	-	X	X	-	-	X	-
680-224244-1	SWA-2	10/26/2022	680-224244-2	WS	-	X	-	-	-	X	X	-	-	X	-
680-224244-1	SWC-4	10/26/2022	680-224244-3	WS	-	X	-	-	-	X	X	-	-	-	-
680-224244-1	SWC-5	10/26/2022	680-224244-4	WS	-	X	-	-	-	X	X	-	-	-	-
680-224244-1	SWC-6	10/26/2022	680-224244-5	WS	-	X	-	-	-	X	-	-	-	-	-
680-224244-1	SWC-7	10/26/2022	680-224244-6	WS	-	X	-	-	-	X	-	-	-	X	-
680-224200-1	SWA-3	10/25/2022	680-224200-1	WS	-	X	-	-	-	X	X	-	-	X	-
680-224200-1	SWA-8	10/25/2022	680-224200-2	WS	-	X	-	-	-	X	-	-	-	-	-
680-225768-1	GWC-29	11/16/2022	680-225768-1	WG	-	X	-	-	-	X	-	-	-	-	-
680-225768-1	GWA-45	11/16/2022	680-225768-2	WG	-	X	-	-	-	X	-	-	-	-	-
680-225768-1	GWA-46	11/16/2022	680-225768-3	WG	-	X	-	-	-	X	-	-	-	-	-
680-225768-1	GWA-47	11/16/2022	680-225768-4	WG	-	X	-	-	-	X	-	-	-	-	-
680-225768-1	GWA-48	11/16/2022	680-225768-5	WG	-	X	-	-	-	X	-	-	-	-	-
680-225768-1	GWA-49	11/16/2022	680-225768-6	WG	-	X	-	-	-	X	-	-	-	-	-
680-225768-1	GWC-50	11/16/2022	680-225768-7	WG	-	X	-	-	-	X	-	-	-	-	-
680-225768-1	GWC-51	11/16/2022	680-225768-8	WG	-	X	-	-	-	X	-	-	-	-	-

TABLE 1
Sample Summary Table
SCS Plant Scherer

SDGs	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses									
						Field pH	Total Metals (SW 6020B)	Mercury (EPA 7470A)	Anions (EPA 300.0)	Total Dissolved Solids (SW 2540C)	Alkalinity (SM 2320B)	Cations (EPA 6010D)	COD (410.4)	TOC (SM 5310C)	Cyanide (SM 4500 CN)
680-225768-1	GWC-52	11/16/2022	680-225768-9	WG	-	X	-	-	-	X	-	-	-	-	-
680-225768-1	GWC-53	11/16/2022	680-225768-10	WG	-	X	-	-	-	X	-	-	-	-	-
680-225768-1	DUP-6	11/16/2022	680-225768-11	WG	FD (GWA-48)	-	-	-	-	X	-	-	-	-	-
680-225768-1	EB-6	11/16/2022	680-225768-12	WQ	EB (GWC-50)	-	-	-	-	X	-	-	-	-	-
680-225768-1	FB-6	11/16/2022	680-225768-13	WQ	FB (GWC-51)	-	-	-	-	X	-	-	-	-	-
680-225767-1	SWA-3	11/16/2022	680-225767-1	WS	-	X	-	-	-	X	-	-	-	-	-
680-225767-1	SWC-8	11/16/2022	680-225767-2	WS	-	X	-	-	-	X	-	-	-	-	-
680-228483-1	GWC-4	12/28/2022	680-228483-1	WG	-	X	X	-	-	X	-	-	-	-	-
680-228483-1	GWC-9	12/28/2022	680-228483-2	WG	-	X	X	-	-	-	-	-	-	-	-
680-228483-1	GWC-10	12/28/2022	680-228483-3	WG	-	X	X	-	-	-	-	-	-	-	-
680-228483-1	GWC-19	12/28/2022	680-228483-4	WG	-	X	X	-	-	-	-	-	-	-	-
680-228483-1	GWC-20	12/28/2022	680-228483-5	WG	-	X	X	-	-	-	-	-	-	-	-
680-228483-1	FB-1	12/28/2022	680-228483-6	WQ	GWC-4	-	X	-	-	X	-	-	-	-	-
680-228483-1	EB-1	12/28/2022	680-228483-7	WQ	GWC-9	-	X	-	-	-	-	-	-	-	-
680-228483-1	FD-1	12/28/2022	680-228483-8	WG	GWC-19	-	X	-	-	-	-	-	-	-	-

Abbreviations:

SDG- Sample Delivery Group
 QC - Quality Control
 WG - Groundwater
 WQ - Water quality control
 WS - Surface Water
 WL - Leachate
 SW - Solid Waste

EPA - Environmental Protection Agency
 FB - Field Blank
 EB - Equipment Blank
 FD - Field Duplicate
 COD - Chemical Oxygen Demand
 TOC - Total Organic Carbon

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	Sample Name	Constituent	New Result	New RL or MDC	Qualifier	Reason
680-220259-1	GWC-1, GWC-2, GWC-3, GWC-13, GWC-14, GWA-17, DUP-4	Total Alkalinity, Bicarbonate Alkalinity	-	-	J	Outside of holding time.
680-220259-1	GWC-7, GWC-8A, GWC-10	Total Alkalinity	-	-	J+	LCS recovery exceeds QC criteria
680-220259-1	GWC-1, GWC-2, GWC-3, GWC-13, GWC-14, GWA-17	Carbonate Alkalinity	-	-	UJ	Outside of holding time.
680-220259-1	DUP-4	Carbonate Alkalinity	-	-	UR	2X outside of holding time.
680-220259-1	GWC-14	TDS	-	91	U	Equipment blank contamination
680-220259-1	GWC-19	TDS	-	150	U	Field blank contamination
680-220259-1	GWC-11	TDS	-	130	U	Field blank contamination
680-220259-1	GWC-4	Antimony	0.002	-	U	Method blank contamination
680-220259-1	GWC-10, GWA-17, DUP-4	Fluoride	0.1	-	U	Method blank contamination
680-220259-1	GWC-5, GWC-14	Fluoride	0.1	-	U	Equipment blank contamination
680-220259-1	GWC-1, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-8A, GWC-9, GWA-17, DUP-4	Nickel	0.001	-	U	Method blank contamination
680-220259-1	GWC-14	Vanadium	-	0.0017	U	Equipment blank contamination
680-220298-1	GWA-21, GWA-22, GWC-29, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-50, GWC-51, GWC-52, GWC-53, DUP-6	Total Alkalinity, Bicarbonate Alkalinity	-	-	J	Outside of holding time.
680-220298-1	GWA-21, GWA-22, GWA-47, GWA-49, DUP-6	Carbonate Alkalinity	-	-	UJ	Outside of holding time.
680-220298-1	GWC-29, GWA-45, GWA-46, GWA-48, GWC-50, GWC-51, GWC-52, GWC-53	Carbonate Alkalinity	-	-	UR	2X outside of holding time.
680-220298-1	GWC-29, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-50, GWC-51, GWC-52, GWC-53, DUP-6	TDS	-	-	J	Outside of holding time.
680-220298-1	GWA-21	Nickel	-	0.012	U	Method blank contamination
680-220298-1	GWA-22	Nickel	0.001	-	U	Method blank contamination
680-220298-1	GWA-49	Nickel	0.001	-	U	Method blank contamination
680-220298-1	GWC-29	Nickel	-	0.0033	U	Method blank contamination
680-220298-1	GWA-45	Nickel	0.001	-	U	Method blank contamination
680-220298-1	GWA-46	Nickel	0.001	-	U	Method blank contamination
680-220298-1	GWC-50	Nickel	-	0.0031	U	Method blank contamination
680-220298-1	GWC-51	Nickel	-	0.0025	U	Method blank contamination
680-220298-1	GWA-45	Cobalt	0.0025	-	U	Method blank contamination
680-220298-1	GWA-47, GWA-48, GWC-51	Antimony	0.002	-	U	Method blank / equipment blank contamination.
680-220434-1	SWA-1, SWA-2, SWA-3, SWC-4, SWC-5	Total Alkalinity, Bicarbonate Alkalinity	-	-	J	Outside of holding time.
680-220434-1	SWA-1, SWA-2, SWA-3, SWC-4, SWC-5	Carbonate Alkalinity	-	-	UJ	Outside of holding time.
680-220434-1	SWA-1, SWA-2, SWA-3, SWC-4, SWC-5, SWC-6, SWC-7, SWC-8	TDS	-	-	J	Outside of holding time.
680-220434-1	SWA-1, SWA-2, SWA-3, SWC-7	TOC	-	-	J	Outside of holding time.
680-224200-1	SWA-1, SWC-8	TDS	-	-	J	Outside of holding time.

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	Sample Name	Constituent	New Result	New RL or MDC	Qualifier	Reason
680-224203-1	GWC-29, GWA-45, GWA-46, GWA-48, GWA-49, GWC-50, GWC-51, GWC-52, GWC-53, DUP-6	TDS	-	-	J	Outside of holding time.
680-224203-1	GWA-47	TDS	-	89	UJ	Field blank contamination; outside of holding time.

Abbreviations:

RL : Reporting limit
MDC : Minimum detectable concentration
SDG : Sample delivery group
LCS: Laboratory control sample
RPD: Relative percent delivery
QC: Quality control
TDS : Total dissolved solids
TOC : Total organic carbon

Qualifiers:

J: estimated
U: Non-detected
J+: estimated, high bias
UR: non-detect, rejected
UJ: non-detect, estimated

APPENDIX C

**Well Maintenance and Repair Summary Memorandum
and Well Condition Assessment Forms**

TECHNICAL MEMORANDUM

DATE December 12, 2022

TO Joju Abraham, PG
Southern Company Services

CC Ben Hodges, Georgia Power Company

GEORGIA POWER COMPANY, PLANT SCHERER - CELL 1, CELL 3, AND PAC ASH CELL – 2022 WELL MAINTENANCE AND REPAIR SUMMARY

Golder Associates USA Inc. (Golder) has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at Plant Scherer Cell 1, Cell 3, and PAC Ash Cell during the 2022 annual reporting period. Repairs and maintenance were completed in accordance with 12-5-134 (5)(D)vii of the Georgia Well Standards Act (1985) for routine visual inspections of groundwater monitoring wells (i.e., at least once every five years) under the direction of a Georgia licensed professional engineer or geologist.

Table 1: Plant Scherer Cell 1, Cell 3, and PAC Ash Cell – Well Maintenance Summary

Well ID	Date Performed	Maintenance/Repair Performed
GWC-18	08/2022	Ants cleared to improve access and visibility
GWC-51	08/2022	Replaced missing well cap
GWC-53	08/2022	Replaced missing well cap
GWA-39	08/2022	Vegetation cleared to improve access and visibility
GWA-40	08/2022	Vegetation cleared to improve access and visibility
GWA-41	08/2022	Vegetation cleared to improve access and visibility
GWA-42	08/2022	Vegetation cleared to improve access and visibility
GWA-43	08/2022	Vegetation cleared to improve access and visibility
GWA-44A	08/2022	Vegetation cleared to improve access and visibility
GWA-54	08/2022	Vegetation cleared to improve access and visibility
GWC-30	08/2022	Vegetation cleared to improve access and visibility
GWC-31	08/2022	Vegetation cleared to improve access and visibility
GWC-32	08/2022	Vegetation cleared to improve access and visibility

Well ID	Date Performed	Maintenance/Repair Performed
GWC-33A	08/2022	Vegetation cleared to improve access and visibility
GWC-34	08/2022	Vegetation cleared to improve access and visibility
GWC-35	08/2022	Vegetation cleared to improve access and visibility
GWC-36	08/2022	Vegetation cleared to improve access and visibility
GWC-37	08/2022	Vegetation cleared to improve access and visibility
GWC-38	08/2022	Vegetation cleared to improve access and visibility

Golder Associates Inc.



Duane Fulton, PG
Senior Geologist



Dawn L. Prell, CPG
Technical Principal, Hydrogeologist

APPENDIX C

Well Condition Forms
February 2022

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-1

Date: 2/8/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-2

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-3

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-4

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-5

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-6

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-7

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-8A

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------|---|---|
| A Is the well visible and accessible? | X | |
| B Is the well properly identified with correct well ID? | X | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | |
|--------------------------------------------------------------------------------------------------------------|---|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | |
| B Is the casing free of degradation or deterioration? | X | |
| C Does the casing have a functioning weep hole? | X | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | |
|----------------------------------------------------------------------------------|---|--|
| A Is the well pad in good condition (not cracked/broken)? | X | |
| B Is the well pad sloped away from the protective casing? | X | |
| C Is the well pad in complete contact with the ground surface and stable? | X | |
| D Is the well pad in complete contact with the protective casing? | X | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A Does the cap prevent entry of foreign material into the well? | X | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C Is the well properly vented for equilibration of air pressure? | X | |
| D Is the survey point clearly marked on the inner casing? | X | |
| E Is the depth of the well consistent with the original well log? | X | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A Does water recharge adequately when purged? | X | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-9

Date: 2/8/22

	Yes	No	N/A
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1) Location/Identification

- | | | | |
|-----------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|--------------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|----------------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date: _____

Signature and Seal of PE/PG responsible for inspection _____

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-10

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------|---|---|
| A Is the well visible and accessible? | X | |
| B Is the well properly identified with correct well ID? | X | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | |
|--------------------------------------------------------------------------------------------------------------|---|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | |
| B Is the casing free of degradation or deterioration? | X | |
| C Does the casing have a functioning weep hole? | X | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | |
|----------------------------------------------------------------------------------|---|--|
| A Is the well pad in good condition (not cracked/broken)? | X | |
| B Is the well pad sloped away from the protective casing? | X | |
| C Is the well pad in complete contact with the ground surface and stable? | X | |
| D Is the well pad in complete contact with the protective casing? | X | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A Does the cap prevent entry of foreign material into the well? | X | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C Is the well properly vented for equilibration of air pressure? | X | |
| D Is the survey point clearly marked on the inner casing? | X | |
| E Is the depth of the well consistent with the original well log? | X | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A Does water recharge adequately when purged? | X | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-11

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-12

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-13

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------|---|---|
| A Is the well visible and accessible? | X | |
| B Is the well properly identified with correct well ID? | X | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | |
|--------------------------------------------------------------------------------------------------------------|---|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | |
| B Is the casing free of degradation or deterioration? | X | |
| C Does the casing have a functioning weep hole? | X | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | |
|----------------------------------------------------------------------------------|---|--|
| A Is the well pad in good condition (not cracked/broken)? | X | |
| B Is the well pad sloped away from the protective casing? | X | |
| C Is the well pad in complete contact with the ground surface and stable? | X | |
| D Is the well pad in complete contact with the protective casing? | X | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A Does the cap prevent entry of foreign material into the well? | X | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C Is the well properly vented for equilibration of air pressure? | X | |
| D Is the survey point clearly marked on the inner casing? | X | |
| E Is the depth of the well consistent with the original well log? | X | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A Does water recharge adequately when purged? | X | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-14

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-15

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-16

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-17

Date: 2/8/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-18

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-19

Date: 2/8/22

Yes	No	N/A
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1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-20

Date: 2/8/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date: _____

Signature and Seal of PE/PG responsible for inspection _____

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-21

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-22

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-29

Date: 2/8/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-45

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-46

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-47

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-48

Date: 2/8/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date: _____

Signature and Seal of PE/PG responsible for inspection _____

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-49

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-50

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-51

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-52

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-53

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-39

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-40

Date: 2/8/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6 Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-41

Date: 2/8/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6 Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-42

Date: 2/8/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B Is the well properly identified with correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well pad in complete contact with the ground surface and stable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Does the well require redevelopment (low flow/turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>7) Corrective actions as needed, by date: Overgrown landscape affects visibility</u>			
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-43

Date: 2/8/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6 Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-44A

Date: 2/8/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well? Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
B Is the well properly vented for equilibration of air pressure?	X		
C Is the survey point clearly marked on the inner casing?	X		
D Is the depth of the well consistent with the original well log?	X		
E Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-54

Date: 2/8/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6 Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-30

Date: 2/8/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6 Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-31

Date: 2/8/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6 Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-32

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-33A

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------|---|---|
| A Is the well visible and accessible? | X | |
| B Is the well properly identified with correct well ID? | X | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | |
|--------------------------------------------------------------------------------------------------------------|---|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | |
| B Is the casing free of degradation or deterioration? | X | |
| C Does the casing have a functioning weep hole? | X | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | |
|----------------------------------------------------------------------------------|---|--|
| A Is the well pad in good condition (not cracked/broken)? | X | |
| B Is the well pad sloped away from the protective casing? | X | |
| C Is the well pad in complete contact with the ground surface and stable? | X | |
| D Is the well pad in complete contact with the protective casing? | X | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A Does the cap prevent entry of foreign material into the well? | X | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C Is the well properly vented for equilibration of air pressure? | X | |
| D Is the survey point clearly marked on the inner casing? | X | |
| E Is the depth of the well consistent with the original well log? | X | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A Does water recharge adequately when purged? | X | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-34

Date: 2/8/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well? Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
B Is the well properly vented for equilibration of air pressure?	X		
C Is the survey point clearly marked on the inner casing?	X		
D Is the depth of the well consistent with the original well log?	X		
E Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6 Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-35

Date: 2/8/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6 Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-36

Date: 2/8/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| B Does the well require redevelopment (low flow/turbidity)? | X | | |
| C | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-37

Date: 2/8/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well? Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
B Is the well properly vented for equilibration of air pressure?	X		
C Is the survey point clearly marked on the inner casing?	X		
D Is the depth of the well consistent with the original well log?	X		
E Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6 Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-38

Date: 2/8/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B Is the well properly identified with correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well pad in complete contact with the ground surface and stable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Does the well require redevelopment (low flow/turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 Corrective actions as needed, by date: Overgrown landscape affects visibility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Signature and Seal of PE/PG responsible for inspection</u>			

APPENDIX C

Well Condition Forms
August 2022

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-1

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged?	X		
B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
C Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-2

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-3

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-4

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-5

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-6

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-7

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-8A

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-9

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-10

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-11

Date: 8/16/22

	Yes	No	N/A
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1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-12

Date: 8/16/22

	Yes	No	N/A
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1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-13

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-14

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-15

Date: 8/16/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged?
If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| B Does the well require redevelopment (low flow/turbidity)? | X | | |
| C | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-16

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------|---|---|
| A Is the well visible and accessible? | X | |
| B Is the well properly identified with correct well ID? | X | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | |
|--------------------------------------------------------------------------------------------------------------|---|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | |
| B Is the casing free of degradation or deterioration? | X | |
| C Does the casing have a functioning weep hole? | X | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | |
|----------------------------------------------------------------------------------|---|--|
| A Is the well pad in good condition (not cracked/broken)? | X | |
| B Is the well pad sloped away from the protective casing? | X | |
| C Is the well pad in complete contact with the ground surface and stable? | X | |
| D Is the well pad in complete contact with the protective casing? | X | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A Does the cap prevent entry of foreign material into the well? | X | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C Is the well properly vented for equilibration of air pressure? | X | |
| D Is the survey point clearly marked on the inner casing? | X | |
| E Is the depth of the well consistent with the original well log? | X | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A Does water recharge adequately when purged? | X | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-17

Date: 8/16/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-18

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged?	X		
B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
C Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
7) Corrective actions as needed, by date:			Ants in outer casing.
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-19

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-20

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-21

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-22

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| B | Is the well properly vented for equilibration of air pressure? | X | |
| C | Is the survey point clearly marked on the inner casing? | X | |
| D | Is the depth of the well consistent with the original well log? | X | |
| E | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| B | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-29

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-45

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-46

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-47

Date: 8/16/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-48

Date: 8/16/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged?
If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| B Does the well require redevelopment (low flow/turbidity)? | X | | |
| C | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-49

Date: 8/16/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|----------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-50

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-51

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well? Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?		X	
B Is the well properly vented for equilibration of air pressure?	X		
C Is the survey point clearly marked on the inner casing?	X		
D Is the depth of the well consistent with the original well log?	X		
E Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6 Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>	Replace missing well cap		
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-52

Date: 8/16/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--------------------------------------------------------------------------------------------------------------------|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|-----------------------------------------------------------------------------------------------------|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|-------------------------------------------------------------------------|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-53

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well? Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?		X	
B Is the well properly vented for equilibration of air pressure?	X		
C Is the survey point clearly marked on the inner casing?	X		
D Is the depth of the well consistent with the original well log?	X		
E Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
7) Corrective actions as needed, by date:			Replace missing well cap
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-39

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>	Clear brush to make accessible by UTV/foot		
<u>Signature and Seal of PE/PG responsible for inspection</u>	_____		

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-40

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?		X	
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			Clear brush to make accessible by UTV/foot
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-41

Date: 8/16/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic?
Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|-------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing?
Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does the cap prevent entry of foreign material into the well?
Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| B Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log?
Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| A Does water recharge adequately when purged?
If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| B Does the well require redevelopment (low flow/turbidity)? | X | | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date: Clear brush to make accessible by UTV/foot

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-42

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B Is the well properly identified with correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well pad in complete contact with the ground surface and stable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Does the well require redevelopment (low flow/turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Corrective actions as needed, by date: Overgrown landscape affects visibility	<input checked="" type="checkbox"/> Clear brush to make accessible by UTV/foot		
<u>Signature and Seal of PE/PG responsible for inspection</u>	_____		

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-43

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?		X	
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>			Clear brush to make accessible by UTV/foot
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-44A

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>	Clear brush to make accessible by UTV/foot		
<u>Signature and Seal of PE/PG responsible for inspection</u>	_____		

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-54

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>	Clear brush to make accessible by UTV/foot		
<u>Signature and Seal of PE/PG responsible for inspection</u>	_____		

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-30

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?		X	
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
7) Corrective actions as needed, by date:			Clear brush to make accessible by UTV/foot
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-31

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>	Clear brush to make accessible by UTV/foot		
<u>Signature and Seal of PE/PG responsible for inspection</u>	_____		

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-32

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B Is the well properly identified with correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well pad in complete contact with the ground surface and stable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Does the well require redevelopment (low flow/turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>7) Corrective actions as needed, by date:</u>	<u>Clear brush to make accessible by UTV/foot</u>		
<u>Signature and Seal of PE/PG responsible for inspection</u>	_____		

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-33A

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
7) Corrective actions as needed, by date:			Clear brush to make accessible by UTV/foot
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-34

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B Is the well properly identified with correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well pad in complete contact with the ground surface and stable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Does the well require redevelopment (low flow/turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Corrective actions as needed, by date:	<u>Clear brush to make accessible by UTV/foot</u>		
<u>Signature and Seal of PE/PG responsible for inspection</u>			

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-35

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	X		
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	X		
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
C Is the well properly vented for equilibration of air pressure?	X		
D Is the survey point clearly marked on the inner casing?	X		
E Is the depth of the well consistent with the original well log?	X		
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
<u>7) Corrective actions as needed, by date:</u>	Clear brush to make accessible by UTV/foot		
<u>Signature and Seal of PE/PG responsible for inspection</u>	_____		

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-36

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?		X	
B Is the well properly identified with correct well ID?	X		
C Is the well in a high traffic area and does the well require protection from traffic?		X	
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	X		
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	X		
B Is the casing free of degradation or deterioration?	X		
C Does the casing have a functioning weep hole?	X		
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	X		
E Is the well locked and is the lock in good condition?	X		
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	X		
B Is the well pad sloped away from the protective casing?	X		
C Is the well pad in complete contact with the ground surface and stable?	X		
D Is the well pad in complete contact with the protective casing?	X		
E Is the pad surface clean (not covered with sediment or debris)?	X		
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well? Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	X		
B Is the well properly vented for equilibration of air pressure?	X		
C Is the survey point clearly marked on the inner casing?	X		
D Is the depth of the well consistent with the original well log?	X		
E Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	X		
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	X		
B Does the well require redevelopment (low flow/turbidity)?		X	
C Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	X		
7) Corrective actions as needed, by date:			
<u>Signature and Seal of PE/PG responsible for inspection</u>			Clear brush to make accessible by UTV/foot

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-37

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B Is the well properly identified with correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well pad in complete contact with the ground surface and stable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Does the well require redevelopment (low flow/turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Corrective actions as needed, by date:	<u>Clear brush to make accessible by UTV/foot</u>		
Signature and Seal of PE/PG responsible for inspection	_____		

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-38

Date: 8/16/22

	Yes	No	N/A
<u>1) Location/Identification</u>			
A Is the well visible and accessible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B Is the well properly identified with correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>2) Protective Casing</u>			
A Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>3) Surface Pad</u>			
A Is the well pad in good condition (not cracked/broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well pad in complete contact with the ground surface and stable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>4) Internal Casing</u>			
A Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>5) Sampling: Groundwater Wells Only</u>			
A Does water recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Does the well require redevelopment (low flow/turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6) Based on professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Corrective actions as needed, by date: Overgrown landscape affects visibility	<input checked="" type="checkbox"/> Clear brush to make accessible by UTV/foot		
<u>Signature and Seal of PE/PG responsible for inspection</u>	_____		

APPENDIX D

Statistical Analyses

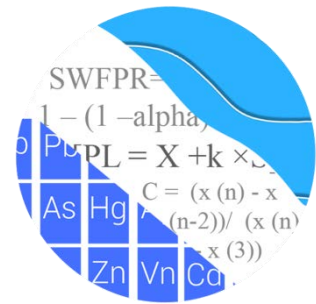
FEBRUARY 2022

Statistical Analyses

GROUNDWATER STATS CONSULTING

August 31, 2022

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374



Re: Plant Scherer Cell 1 Landfill
Statistical Analysis – February 2022 Sample Event

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater statistical analysis for the 2022 1st Semi-Annual Groundwater Monitoring Statistical Analysis for Georgia Power Company's Plant Scherer Cell 1 Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD) groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-15, GWA-16, and GWA-17
- **Downgradient wells:** GWC-1, GWC-2, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-8A, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, and GWC-20

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician to Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

The State and CCR program consist of the constituents listed below. The terms "parameters" and "constituents" are used interchangeably:

- **CCR Appendix III** - boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I** - antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Statistical analyses are not required when 100% non-detects are present in wells for a given constituent. A list of well/constituent pairs with 100% non-detects follows this letter. Due to varying detection limits in background data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given constituent; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. However, in the time series plots, a single reporting limit substitution is used across all wells for a given parameter since the wells are plotted as a group.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided during the background update discussed below and

demonstrated that the selected statistical methods for the constituents listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. For the state parameters, it is assumed a minimum of 14 background samples are available to provide adequate statistical power using a 1-of-2 resample plan. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan (arsenic and silver)
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 16
- # Downgradient wells: 17

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 17

The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The following approaches are used for handling non-detects (USEPA, 2009):

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).

- When data contain <15% non-detects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts to groundwater quality in downgradient wells. Intrawell methods use background data from individual wells and may be overly sensitive to natural variation. In particular, for nonparametric limits with small background sample sizes, the probability of a false positive result is higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of natural variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from natural variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5).

For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed SSI.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an apparent intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of natural variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of natural variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for CCR Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach.

Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening – Georgia EPD Appendix I – Conducted in August 2019

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Tests

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections for the following constituents: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing trends. However, the majority of these trends were relatively low in magnitude when compared to average concentrations; therefore, most records required no adjustments. The following well/constituent pairs did require adjustments to the records in order to remove increasing trends and use more recent data that will result in statistical limits representative of present-day groundwater quality conditions: chromium in wells GWC-1 and GWC-10, and vanadium in well GWC-1. A summary of the background periods used for these well/constituent pairs follows this letter. When an increasing trend in a downgradient well is removed by truncating the earlier portion of the record for a constituent analyzed by intrawell limits, it is assumed that the trend is not the result of the facility. This assumption is supported by a boxplot for all wells, by pre-waste data, or by an alternate source demonstration.

Selenium at well GWC-5 had elevated concentrations beginning in 2015, reportedly, due to surface infiltration from a leaking pipe that has since been fixed. Therefore, trend tests were recommended in lieu of prediction limits. While the trend test showed an increasing trend when the entire record of data was evaluated, an additional trend test which evaluated only the most recent 8 measurements was included and demonstrated that the more recent measurements result in a statistically significant decreasing trend. Prediction limits may resume when at least 8 measurements return to background levels.

Several statistically significant decreasing trends were noted, but no records required adjustment during the screening. Vanadium at well GWC-8A has several more recent low-level reported concentrations similar to those reported during the earliest years of sampling. If these low-level concentrations continue, once a minimum of 8 new observations are available, the background data will likely be truncated to only use more recent data for construction of statistical limits.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells which included: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc. The ANOVA assists in identifying the most appropriate statistical approach. Based on the results of the background screening, intrawell tests were recommended for antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc, while interwell tests were recommended for arsenic and silver. A summary table of the ANOVA results and a discussion of the intrawell method eligibility was included with the screening.

Background Update – Georgia EPD Appendix I and CCR Appendix III – June 2021

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells through September 2020. All of the more recent compliance measurements appeared stable with no spurious measurements compared to the previously screened historical data sets; therefore, no new outliers were flagged except for a high value for sulfate at well GWC-13 and the historic highest values for chloride and sulfate at GWC-5. These values were flagged in order to maintain conservative (i.e., lower) statistical limits. A summary of all flagged outliers follows this letter (Figure C). Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents tested using intrawell prediction limits, which includes all Georgia EPD Appendix I constituents (except arsenic and silver which utilize interwell prediction limits) and all CCR Appendix III constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through October 2018 to the new compliance samples at each well through September 2020. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was submitted with the background update. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with the background update report. A

summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Trend Tests

For constituents requiring interwell prediction limits (arsenic and silver), the Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells. As mentioned above, in the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend, thus reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. No significant trends were identified among upgradient wells for arsenic and silver; therefore, no further action was necessary. Complete graphical results of the trend tests were submitted with the background update report.

Prediction Limits - Appendix I & III Constituents – February 2022

Intrawell limits were used to evaluate all Appendix I and III constituents in this analysis with the exception of arsenic and silver, which use interwell limits, and selenium at well GWC-5, which uses a trend test in lieu of a prediction limit. In cases where intrawell analyses are recommended and downgradient average concentrations are higher than upgradient observed concentrations for a given constituent, the current assumption is that the higher upgradient concentrations are due to natural spatial variation rather than a result of practices at the landfill. The pre-waste data support this logic, as well as the alternate source demonstrations prepared by Golder Associates.

When there is not an obvious explanation for observed concentration differences in downgradient wells relative to reported concentrations in upgradient wells (such as arsenic and silver), interwell prediction limits will initially be selected for the statistical method until further evidence shows that concentrations are due to natural variation rather than a result of the facility.

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through September 2020, except for cases mentioned above, within each well with detections for Appendix I constituents (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc) and Appendix III constituent (boron, calcium, chloride, fluoride, pH, sulfate, and TDS) (Figures D & E, respectively). As previously discussed, no statistical analyses were included for well/constituent pairs containing 100% non-detects.

Note that the statistical limits for fluoride in downgradient wells GWC-11 and GWC-13 changed slightly during this analysis due to the substitution of the most recent reporting limit of 0.1 mg/L (previously 0.082 mg/L) for all historical non-detects. Similarly, the statistical limit for cobalt in downgradient well GWC-3 changed slightly due to the substitution of the most recent reporting limit of 0.0025 mg/L (previously 0.0004 mg/L). These changes did not have any significant impact on the statistical analysis as there are no reported observations detected above the reporting limit in the data sets.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. The following statistical exceedances were noted for the intrawell prediction limits:

Appendix I

- Barium: GWC-4, GWC-10, and GWC-19
- Cobalt: GWA-15

Appendix III

- Calcium: GWC-8A
- Chloride: GWA-15 (upgradient), GWC-7, and GWC-10
- Fluoride: GWC-1 and GWC-5
- pH: GWC-1, GWC-5, GWC-18, and GWC-20
- Sulfate: GWC-1, GWC-4, and GWC-10

Two-Step Approach

Following the two-step analysis procedure discussed above, interwell prediction limits were then constructed using pooled upgradient well data to evaluate the Appendix I and III apparent intrawell prediction limit exceedances (Figures F and G, respectively). The following statistical exceedances were noted for the interwell prediction limits:

Appendix I

- Barium: GWC-4

Appendix III

- Calcium: GWC-8A
- Fluoride: GWC-1 and GWC-5
- pH: GWC-1, GWC-18, and GWC-20
- Sulfate: GWC-4 and GWC-10

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were then constructed using all pooled upgradient well data through February 2022 to develop background limits for arsenic and silver (Figure H). No statistical exceedances were noted for the interwell prediction limits. Summary tables of the intrawell and interwell prediction limits follow this letter along with the complete graphical results. The interwell limits are updated each time after careful screening for new outliers on the current upgradient well data, while the intrawell prediction limits are updated when a minimum of four new compliance observations are available.

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are significantly increasing, decreasing, or stable. Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of natural variability in groundwater unrelated to practices at the site.

As recommended during the previous screening, trend tests were used in lieu of prediction limits for selenium at well GWC-5. The trend test for selenium at well GWC-5 is included with the trend test section for Appendix I and III prediction limit exceedances (Figure I). While no statistically significant trend is present for selenium at well GWC-5

when the entire record is evaluated, concentrations exhibit a decreasing trend based on the most recent 8 measurements. Reported concentrations since September 2020 are below the historical reporting limit of 0.01 mg/L and the established Maximum Contaminant Level of 0.05 mg/L. Although current concentrations have recently returned to historical levels, data will continue to be monitored using the trend analysis. Intrawell prediction limits may resume when a minimum of the most recent 8 measurements have stabilized to ensure the statistical limit is conservative from a regulatory perspective. During the next background update, this well/constituent pair will be screened for the purpose of constructing a statistical limit for selenium. A summary of the trend tests follows this letter along with complete graphical results of the trend analysis. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWC-4, GWC-10, and GWC-19
- Calcium: GWC-8A
- Chloride: GWC-10
- pH: GWA-17 (upgradient)
- Sulfate: GWC-10

Decreasing:

- Barium: GWA-16 and GWA-17 (both upgradient)
- Chloride: GWA-17 (upgradient)

Resample Reports – May 2022

Additional data were collected in May 2022 based on the two-step approach for barium at well GWC-4, fluoride at wells GWC-1 and GWC-5, pH at wells GWC-1, GWC-4, GWC-5, GWC-10, GWC-18, and GWC-20, and sulfate at wells GWC-4 and GWC-10. Intrawell prediction limits were constructed using background data through September 2020 to compare the May 2022 samples for Appendix I and III parameters (Figures J and K, respectively). Exceedances were identified for barium in downgradient well GWC-4 and for sulfate in downgradient wells GWC-4 and GWC-10.

In accordance with the two-step approach, interwell prediction limits were constructed to evaluate the apparent exceedance for barium at downgradient well GWC-4 and sulfate at downgradient wells GWC-4 and GWC-10. The reported measurements of barium and sulfate at GWC-4 exceeded the respective interwell prediction limits (Figures L and M, respectively).

Summary

Based on the results of the two-step approach, apparent intrawell prediction limit exceedances also exceeded the interwell prediction limits for the following well/constituent pairs:

Appendix I

- Barium: GWC-4

Appendix III

- Calcium: GWC-8A
- Sulfate: GWC-4

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer Cell 1 Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Andrew T. Collins
Project Manager



Kristina L. Rayner
Senior Statistician

100% Non-Detects: Appendix I Downgradient - Interwell

Analysis Run 4/8/2022 10:13 AM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Silver (mg/L)

GWC-10, GWC-11, GWC-12, GWC-14, GWC-18, GWC-19, GWC-2, GWC-20, GWC-3, GWC-4, GWC-5, GWC-7, GWC-8A, GWC-9

100% Non-Detects: Appendix I - Intrawell

Analysis Run 4/8/2022 9:30 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Antimony, Total (mg/L)

GWA-15, GWA-17, GWC-1, GWC-10, GWC-11, GWC-13, GWC-14, GWC-20, GWC-4, GWC-5, GWC-6, GWC-8A, GWC-9

Beryllium, Total (mg/L)

GWA-15, GWA-16, GWC-1, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-2, GWC-20, GWC-3, GWC-4, GWC-6, GWC-9

Cadmium, Total (mg/L)

GWA-15, GWA-16, GWC-1, GWC-10, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-20, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-9

Cobalt, Total (mg/L)

GWC-10, GWC-13, GWC-14

Copper (mg/L)

GWA-15, GWC-10, GWC-12, GWC-19, GWC-5

Lead, Total (mg/L)

GWA-15, GWC-12

Mercury (mg/L)

GWC-12

Nickel (mg/L)

GWC-14

Selenium, Total (mg/L)

GWC-13, GWC-20

Thallium, Total (mg/L)

GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-20, GWC-3

100% Non-Detects: Appendix III

Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Boron (mg/L)

GWA-15, GWA-16, GWC-10, GWC-11, GWC-12, GWC-14, GWC-18, GWC-19, GWC-2, GWC-20, GWC-4

Date Ranges

Date: 4/8/2022 9:24 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Barium, Total (mg/L)

GWC-10 background:5/10/2010-10/2/2018

GWC-13 background:5/9/2010-10/3/2018

GWC-19 background:5/11/2010-10/2/2018

Calcium (mg/L)

GWC-8A background:4/19/2016-10/4/2018

Chromium, Total (mg/L)

GWC-10 background:5/10/2010-10/2/2018

Lead, Total (mg/L)

background:4/6/2016-9/15/2020

Sulfate (mg/L)

GWC-10 background:4/13/2016-10/2/2018

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-10	0.03499	n/a	2/15/2022	0.036	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	2/16/2022	0.027	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	n/a	2/15/2022	0.055	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-15	0.0025	n/a	2/15/2022	0.0029	Yes	28	n/a	n/a	53.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Obsrv.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-16	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-12	0.002	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-18	0.002	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-19	0.002	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-2	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-3	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-7	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-15	0.01222	n/a	2/15/2022	0.012	No	29	1.0e-6	3.3e-7	3.448	None		x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-16	0.039	n/a	2/15/2022	0.024	No	29	n/a	n/a	0	n/a	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-17	0.05168	n/a	2/15/2022	0.031	No	29	0.03311	0.007355	3.448	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-1	0.05736	n/a	2/15/2022	0.052	No	29	0.04657	0.004275	0	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-10	0.03499	n/a	2/15/2022	0.036	Yes	25	0.02434	0.004121	8	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-11	0.02014	n/a	2/16/2022	0.018	No	29	0.000004282	0.000001538	6.897	None		x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-12	0.02024	n/a	2/16/2022	0.018	No	29	0.0002401	0.00006713	6.897	None		x^2	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-13	0.04187	n/a	2/16/2022	0.035	No	25	0.3096	0.01457	0	None		x^(1/3)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-14	0.01121	n/a	2/16/2022	0.011	No	27	8.3e-7	2.3e-7	3.704	None		x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-18	0.04194	n/a	2/16/2022	0.034	No	29	0.0000432	0.00001211	3.448	None		x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	2/16/2022	0.027	Yes	25	9.0e-8	2.7e-8	4	None		x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-2	0.05512	n/a	2/15/2022	0.048	No	29	0.04531	0.003886	0	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-20	0.03633	n/a	2/16/2022	0.03	No	29	0.00002787	0.00000795	3.448	None		x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-3	0.039	n/a	2/15/2022	0.013	No	28	n/a	n/a	3.571	n/a	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	n/a	2/15/2022	0.055	Yes	29	0.0383	0.005897	0	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-5	0.1279	n/a	2/15/2022	0.038	No	29	0.1968	0.06373	0	None		sqrt(x)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-6	0.06608	n/a	2/15/2022	0.057	No	29	0.05388	0.004831	0	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-7	0.04238	n/a	2/15/2022	0.035	No	29	0.03227	0.004007	0	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-8A	0.1198	n/a	2/15/2022	0.048	No	29	0.2032	0.05658	0	None		sqrt(x)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-9	0.03624	n/a	2/15/2022	0.023	No	29	0.02271	0.005359	3.448	None		No	0.0001937	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-17	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-5	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-7	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-8A	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-17	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-11	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-2	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-8A	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-15	0.0036	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-16	0.008833	n/a	2/15/2022	0.0056	No	29	0.06962	0.009652	3.448	None		sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-17	0.0117	n/a	2/15/2022	0.0084	No	29	0.007027	0.001851	3.448	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-1	0.01967	n/a	2/15/2022	0.011	No	29	0.01183	0.003104	0	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-10	0.02162	n/a	2/15/2022	0.021	No	25	0.01381	0.003022	0	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-11	0.012	n/a	2/16/2022	0.0074	No	29	n/a	n/a	n/a	3.448	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-12	0.0036	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	n/a	41.38	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-13	0.009035	n/a	2/16/2022	0.005	No	28	0.06874	0.01036	0	None		sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-14	0.0038	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWC-18	0.02	n/a	2/16/2022	0.012	No	29	n/a	n/a	n/a	0	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-19	0.01516	n/a	2/16/2022	0.011	No	29	0.009037	0.002426	3.448	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-2	0.01406	n/a	2/15/2022	0.011	No	29	0.009993	0.00161	6.897	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-20	0.01426	n/a	2/16/2022	0.0081	No	29	0.009105	0.002041	6.897	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-3	0.022	n/a	2/15/2022	0.0076	No	28	n/a	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-4	0.01042	n/a	2/15/2022	0.0041	No	29	0.006141	0.001695	3.448	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-5	0.01111	n/a	2/15/2022	0.0061	No	29	-5.492	0.393	3.448	None		ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-6	0.012	n/a	2/15/2022	0.0046	No	29	n/a	n/a	n/a	6.897	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-7	0.01648	n/a	2/15/2022	0.0088	No	29	-4.614	0.2014	0	None		ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-8A	0.023	n/a	2/15/2022	0.002ND	No	28	n/a	n/a	n/a	39.29	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-9	0.01258	n/a	2/15/2022	0.0079	No	29	0.007675	0.001942	3.448	None		No	0.0001937	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Cobalt, Total (mg/L)	GWA-15	0.0025	n/a	2/15/2022	0.0029	Yes	28	n/a	n/a	n/a	53.57	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-16	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	n/a	89.29	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-17	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-1	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-11	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-12	0.00057	n/a	2/16/2022	0.00033J	No	29	n/a	n/a	n/a	72.41	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-18	0.0025	n/a	2/16/2022	0.0025ND	No	28	n/a	n/a	n/a	89.29	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-19	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-2	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-20	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	82.76	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-3	0.0025	n/a	2/15/2022	0.0025ND	No	27	n/a	n/a	n/a	77.78	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-4	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	82.76	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-5	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-6	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-7	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	86.21	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-8A	0.0046	n/a	2/15/2022	0.0037	No	26	n/a	n/a	n/a	50	n/a	n/a	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWC-9	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	2/15/2022	0.0013J	No	24	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	2/15/2022	0.0013J	No	24	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	2/16/2022	0.002ND	No	23	n/a	n/a	n/a	95.65	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	2/15/2022	0.0013J	No	23	n/a	n/a	n/a	78.26	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	2/15/2022	0.0011J	No	24	n/a	n/a	n/a	50	n/a	n/a	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	2/15/2022	0.002ND	No	23	n/a	n/a	n/a	73.91	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.18	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	33.33	n/a	n/a	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-16	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-17	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-10	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-11	0.0017	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-14	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-18	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-19	0.0015	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-2	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-20	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-3	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-4	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-5	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-7	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-8A	0.0012	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Mercury (mg/L)	GWC-11	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	2/16/2022	0.00015J	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	82.76	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	2/15/2022	0.00065J	No	24	n/a	n/a	n/a	83.33	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	2/15/2022	0.001ND	No	23	n/a	n/a	n/a	95.65	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0018	n/a	2/15/2022	0.00052J	No	23	n/a	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	2/15/2022	0.0022	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	2/16/2022	0.0007J	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	2/16/2022	0.00076J	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.001	n/a	2/16/2022	0.001ND	No	23	n/a	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0015	n/a	2/16/2022	0.001ND	No	23	n/a	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0023	n/a	2/15/2022	0.0018	No	23	n/a	n/a	n/a	73.91	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.003	n/a	2/16/2022	0.00055J	No	23	n/a	n/a	n/a	78.26	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	2/15/2022	0.0013	No	21	n/a	n/a	n/a	71.43	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	2/15/2022	0.00076J	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	2/15/2022	0.001	No	23	n/a	n/a	n/a	73.91	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	2/15/2022	0.00089J	No	24	n/a	n/a	n/a	70.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.0069	n/a	2/15/2022	0.0055	No	22	n/a	n/a	n/a	50	n/a	n/a	0.003707 NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-15	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-16	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-17	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-1	0.0053	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-10	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-11	0.005	n/a	2/16/2022	0.005ND	No	28	n/a	n/a	n/a	89.29	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-12	0.005	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-14	0.0052	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-18	0.005	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-19	0.005	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-2	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-3	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-4	0.005	n/a	2/15/2022	0.0013J	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-6	0.007	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	75.86	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-7	0.0053	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-8A	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	86.21	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-9	0.0065	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-15	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-16	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-17	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-19	0.001	n/a	2/16/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Thallium, Total (mg/L)	GWC-2	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-4	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-5	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-7	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-8A	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01241	n/a	2/15/2022	0.0077	No	24	0.007244	0.001978	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.009964	n/a	2/15/2022	0.0052	No	24	0.06396	0.01374	16.67	Kaplan-Meier	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02568	n/a	2/15/2022	0.018	No	24	0.01527	0.003991	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.018	n/a	2/15/2022	0.012	No	24	0.01197	0.002311	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.01477	n/a	2/16/2022	0.0099	No	24	0.01047	0.001648	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	2/16/2022	0.001ND	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	2/16/2022	0.0011	No	24	n/a	n/a	70.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	2/16/2022	0.00091J	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01191	n/a	2/16/2022	0.0066	No	24	0.1875	0.01567	4.167	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01075	n/a	2/16/2022	0.0068	No	24	0.007178	0.001371	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.02033	n/a	2/15/2022	0.016	No	24	0.01352	0.00261	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02389	n/a	2/16/2022	0.018	No	24	0.01733	0.002514	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01131	n/a	2/15/2022	0.0064	No	23	0.08012	0.009969	4.348	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01219	n/a	2/15/2022	0.0059	No	24	0.007693	0.001725	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006806	n/a	2/15/2022	0.0026	No	24	0.003039	0.001444	25	Kaplan-Meier	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01371	n/a	2/15/2022	0.0094	No	24	0.008936	0.001829	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01729	n/a	2/15/2022	0.013	No	24	0.0001713	0.0000489	4.167	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.04443	n/a	2/15/2022	0.00079J	No	21	0.01412	0.01131	9.524	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02794	n/a	2/15/2022	0.017	No	24	0.01653	0.004374	4.167	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.006	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0084	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	2/16/2022	0.0034J	No	23	n/a	n/a	n/a	82.61	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	2/16/2022	0.0032J	No	24	n/a	n/a	n/a	83.33	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	2/16/2022	0.004J	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.005	n/a	2/16/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0077	n/a	2/16/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	n/a	2/16/2022	0.005ND	No	23	n/a	n/a	n/a	95.65	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	2/16/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	n/a	2/15/2022	0.005ND	No	21	n/a	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	n/a	2/15/2022	0.0034J	No	23	n/a	n/a	n/a	73.91	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	n/a	2/15/2022	0.0037J	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	2/15/2022	0.005ND	No	21	n/a	n/a	n/a	38.1	n/a	n/a	0.003999 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-8A	45.47	n/a	2/15/2022	49	Yes	10	25.9	6.402	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWA-15	6.3	n/a	2/15/2022	6.5	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-10	4.3	n/a	2/15/2022	4.6	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-7	2.5	n/a	2/15/2022	2.7	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Fluoride (mg/L)	GWC-1	0.1091	n/a	2/15/2022	0.12	Yes	15	0.006016	0.00223	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-5	0.082	n/a	2/15/2022	0.16	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
pH (S.U.)	GWC-1	6.745	6.3	2/15/2022	6.83	Yes	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-18	6.46	6.164	2/16/2022	6.54	Yes	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-20	6.664	6.342	2/16/2022	6.71	Yes	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-5	6.158	5.348	2/15/2022	6.16	Yes	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-1	1	n/a	2/15/2022	1.5	Yes	15	n/a	n/a	40	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Sulfate (mg/L)	GWC-10	1.475	n/a	2/15/2022	3.5	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-4	6.288	n/a	2/15/2022	20	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-17	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	2/16/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.6172	n/a	2/15/2022	0.19	No	15	0.3445	0.1034	6.667	None	No	0.0004426	Param Intra 1 of 2	
Boron (mg/L)	GWC-6	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3262	n/a	2/15/2022	0.13	No	14	0.1846	0.05242	0	None	No	0.0004426	Param Intra 1 of 2	
Boron (mg/L)	GWC-9	0.1305	n/a	2/15/2022	0.07J	No	15	0.08718	0.0164	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWA-15	5.463	n/a	2/15/2022	3.6	No	15	4.215	0.4731	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWA-16	14.38	n/a	2/15/2022	10	No	15	11.59	1.055	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWA-17	8.711	n/a	2/15/2022	7.1	No	15	6.639	0.7855	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-1	20.62	n/a	2/15/2022	16	No	15	17.13	1.326	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-10	21.64	n/a	2/15/2022	17	No	15	16.8	1.835	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-11	15.09	n/a	2/16/2022	12	No	15	12.69	0.9098	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-12	1.581	n/a	2/16/2022	1.1	No	15	1.095	0.184	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-13	9.036	n/a	2/16/2022	6.7	No	15	1.862	0.08384	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-14	7.744	n/a	2/16/2022	6.3	No	15	6.446	0.4921	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-18	12.05	n/a	2/16/2022	9.7	No	15	10.29	0.6675	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-19	15.99	n/a	2/16/2022	15	No	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-2	20.61	n/a	2/15/2022	16	No	15	17.31	1.248	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-20	16.02	n/a	2/16/2022	13	No	15	13.43	0.9796	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-3	11.1	n/a	2/15/2022	6	No	15	7.961	1.19	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-4	16.56	n/a	2/15/2022	15	No	15	12.47	1.553	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-5	222.5	n/a	2/15/2022	36	No	15	107.3	43.67	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-6	21.67	n/a	2/15/2022	15	No	15	17.82	1.459	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-7	16.33	n/a	2/15/2022	13	No	15	14.12	0.8377	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-8A	45.47	n/a	2/15/2022	49	Yes	10	25.9	6.402	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-9	19.78	n/a	2/15/2022	16	No	15	17.05	1.037	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWA-15	6.3	n/a	2/15/2022	6.5	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWA-16	2.089	n/a	2/15/2022	1.6	No	15	1.646	0.1678	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWA-17	2.117	n/a	2/15/2022	1.4	No	15	1.566	0.2089	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-1	4.775	n/a	2/15/2022	4	No	15	3.841	0.354	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-10	4.3	n/a	2/15/2022	4.6	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-11	2.109	n/a	2/16/2022	1.7	No	15	1.772	0.1278	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-12	2.15	n/a	2/16/2022	1.9	No	15	1.753	0.1506	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-13	1.976	n/a	2/16/2022	1.5	No	15	1.548	0.1621	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-14	3.365	n/a	2/16/2022	3.2	No	15	2.894	0.1784	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-18	2.9	n/a	2/16/2022	2.7	No	15	2.515	0.1457	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-19	2.435	n/a	2/16/2022	2.4	No	15	1.338	0.08444	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-2	2.66	n/a	2/15/2022	2.2	No	15	2.123	0.2035	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-20	2.425	n/a	2/16/2022	2	No	15	7.311	2.638	6.667	None	x^3	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-3	4.015	n/a	2/15/2022	2.7	No	15	3.176	0.3181	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-4	15.93	n/a	2/15/2022	11	No	15	7.238	3.295	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-5	134.3	n/a	2/15/2022	16	No	14	60.62	27.28	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-6	9.041	n/a	2/15/2022	6.1	No	14	6.021	1.119	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-7	2.5	n/a	2/15/2022	2.7	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-8A	10.77	n/a	2/15/2022	9.1	No	14	2.006	0.1373	0	None	ln(x)	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-9	4.39	n/a	2/15/2022	3.7	No	15	3.523	0.3286	0	None	No	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWA-15	0.1	n/a	2/15/2022	0.054J	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-16	0.082	n/a	2/15/2022	0.079J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-17	0.082	n/a	2/15/2022	0.083J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-1	0.1091	n/a	2/15/2022	0.12	Yes	15	0.006016	0.00223	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-10	0.088	n/a	2/15/2022	0.099J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-11	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-12	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.1	n/a	2/16/2022	0.034J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.1	n/a	2/16/2022	0.028J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-2	0.082	n/a	2/15/2022	0.072J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.091	n/a	2/15/2022	0.092J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1466	n/a	2/15/2022	0.13	No	15	0.009818	0.004428	0	None	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	2/15/2022	0.16	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-6	0.082	n/a	2/15/2022	0.095J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	2/15/2022	0.083J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2241	n/a	2/15/2022	0.096J	No	14	0.1081	0.04297	0	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.096	n/a	2/15/2022	0.096J	No	15	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.761	5.24	2/15/2022	5.4	No	18	5.501	0.1037	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWA-16	6.563	6.191	2/15/2022	6.46	No	18	6.377	0.07404	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWA-17	6.338	5.628	2/15/2022	6.2	No	18	5.983	0.1415	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-1	6.745	6.3	2/15/2022	6.83	Yes	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.659	6.027	2/15/2022	6.48	No	18	6.343	0.1259	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-11	6.354	5.988	2/16/2022	6.16	No	17	6.171	0.07184	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-12	5.433	4.859	2/16/2022	5.11	No	18	5.146	0.1143	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-13	6.052	5.659	2/16/2022	5.79	No	19	6960	466.8	0	None	x^5	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-14	5.903	5.332	2/16/2022	5.6	No	17	5.617	0.1122	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.46	6.164	2/16/2022	6.54	Yes	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.518	6.229	2/16/2022	6.47	No	17	6.374	0.05689	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-2	7	6.35	2/15/2022	6.61	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-20	6.664	6.342	2/16/2022	6.71	Yes	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-3	6.201	5.69	2/15/2022	5.87	No	18	5.946	0.1019	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.591	5.971	2/15/2022	6.37	No	18	39.54	1.551	0	None	x^2	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-5	6.158	5.348	2/15/2022	6.16	Yes	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.43	6.09	2/15/2022	6.1	No	18	n/a	n/a	0	n/a	n/a	0.01075	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-7	6.42	5.96	2/15/2022	6.22	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-8A	7.26	6.24	2/15/2022	6.34	No	21	n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-9	6.922	6.294	2/15/2022	6.61	No	18	6.608	0.1251	0	None	No	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWA-15	3.1	n/a	2/15/2022	2.6	No	15	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	1	n/a	2/15/2022	1ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1	n/a	2/15/2022	1ND	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	2/15/2022	1.5	Yes	15	n/a	n/a	40	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-10	1.475	n/a	2/15/2022	3.5	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	2/16/2022	1ND	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.3	n/a	2/16/2022	1ND	No	14	n/a	n/a	64.29	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.2	n/a	2/16/2022	1ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-2	1	n/a	2/15/2022	0.79J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	2/15/2022	0.91J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/15/2022	20	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-5	629.8	n/a	2/15/2022	100	No	14	315	116.6	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	17.41	n/a	2/15/2022	13	No	15	10.19	2.735	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1	n/a	2/15/2022	1ND	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	55.93	n/a	2/15/2022	11	No	14	30.76	9.32	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	16.91	n/a	2/15/2022	7.2	No	15	9.857	2.672	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	76.79	n/a	2/15/2022	42	No	15	35.07	15.82	13.33	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWA-16	153.2	n/a	2/15/2022	99	No	15	93.67	22.56	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWA-17	132.7	n/a	2/15/2022	79	No	15	66.53	25.08	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-1	164.7	n/a	2/15/2022	120	No	15	131.1	12.73	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-10	180.4	n/a	2/15/2022	150	No	14	127.6	19.55	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-11	293	n/a	2/16/2022	79	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality)	1 of 2
Total Dissolved Solids (mg/L)	GWC-12	94.94	n/a	2/16/2022	16	No	15	4.249	2.083	26.67	Kaplan-Meier	sqrt(x)	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-13	119.3	n/a	2/16/2022	55	No	14	58.14	22.64	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-14	103	n/a	2/16/2022	46	No	15	55	18.21	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-18	120.6	n/a	2/16/2022	70	No	15	84.33	13.75	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-19	164.4	n/a	2/16/2022	110	No	15	90.33	28.07	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-2	192.3	n/a	2/15/2022	120	No	15	116.2	28.83	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-20	146.1	n/a	2/16/2022	110	No	15	102.9	16.4	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-3	112.1	n/a	2/15/2022	53	No	15	79.13	12.48	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-4	166.6	n/a	2/15/2022	140	No	15	116.9	18.84	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-5	1654	n/a	2/15/2022	290	No	15	823.3	314.8	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-6	183.8	n/a	2/15/2022	140	No	15	144.8	14.77	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-7	155.6	n/a	2/15/2022	140	No	15	116.4	14.86	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-8A	404	n/a	2/15/2022	330	No	13	14.63	1.981	0	None	sqrt(x)	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-9	205.7	n/a	2/15/2022	140	No	15	20532	8252	0	None	x^2	0.0004426	Param Intra	1 of 2

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:51 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	2/15/2022	0.055	Yes	96	n/a		n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:51 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-10	0.051	n/a	2/15/2022	0.036	No	96	n/a	n/a	n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-19	0.051	n/a	2/16/2022	0.027	No	96	n/a	n/a	n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.051	n/a	2/15/2022	0.055	Yes	96	n/a	n/a	n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:09 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-8A	14	n/a	2/15/2022	49	Yes	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.1	n/a	2/15/2022	0.12	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.1	n/a	2/15/2022	0.16	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-1	6.52	5.27	2/15/2022	6.83	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-18	6.52	5.27	2/16/2022	6.54	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	6.52	5.27	2/16/2022	6.71	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.1	n/a	2/15/2022	3.5	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	2/15/2022	20	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:09 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-8A	14	n/a	2/15/2022	49	Yes	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	7.2	n/a	2/15/2022	4.6	No	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	7.2	n/a	2/15/2022	2.7	No	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.1	n/a	2/15/2022	0.12	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.1	n/a	2/15/2022	0.16	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-1	6.52	5.27	2/15/2022	6.83	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-18	6.52	5.27	2/16/2022	6.54	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	6.52	5.27	2/16/2022	6.71	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-5	6.52	5.27	2/15/2022	6.16	No	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-1	3.1	n/a	2/15/2022	1.5	No	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-10	3.1	n/a	2/15/2022	3.5	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	2/15/2022	20	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Arsenic, Total (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-10	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-11	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-12	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-14	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-18	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-19	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-2	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-20	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-3	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-4	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-5	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-7	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-8A	0.001	n/a	2/15/2022	0.00047J	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	81	n/a	n/a	n/a	100	n/a	n/a	0.0002883 NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	81	n/a	n/a	n/a	100	n/a	n/a	0.0002883 NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	81	n/a	n/a	n/a	100	n/a	n/a	0.0002883 NP Inter (NDs) 1 of 2

Appendix I & III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:06 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-16 (bg)	-0.0004242	-207	-161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0009501	-187	-161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.0009786	303	161	Yes	32	6.25	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0004321	215	161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.00154	316	161	Yes	32	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-8A	6.973	103	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.07629	-79	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.2684	125	68	Yes	18	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-17 (bg)	0.04139	101	87	Yes	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.3786	125	68	Yes	18	16.67	n/a	n/a	0.01	NP

Appendix I & III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:06 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-15 (bg)	0	13	161	No	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-16 (bg)	-0.0004242	-207	-161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0009501	-187	-161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.0009786	303	161	Yes	32	6.25	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0004321	215	161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.00154	316	161	Yes	32	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	-0.02643	-14	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0	-21	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.1519	56	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-8A	6.973	103	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1995	68	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-16 (bg)	-0.03222	-37	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.07629	-79	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.2684	125	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.1287	62	68	No	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-15 (bg)	0	-19	-68	No	18	77.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-16 (bg)	-0.0005971	-57	-68	No	18	55.56	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-17 (bg)	0	-27	-68	No	18	55.56	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-1	-1.1e-8	-15	-68	No	18	27.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-5	0	-29	-68	No	18	55.56	n/a	n/a	0.01	NP
pH (S.U.)	GWA-15 (bg)	-0.02058	-72	-87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-16 (bg)	0.005692	11	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-17 (bg)	0.04139	101	87	Yes	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-1	0	6	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-18	0.01907	76	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-20	0.003603	14	92	No	22	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-5	0.05051	71	87	No	21	0	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-15 (bg)	0	-9	-161	No	32	96.88	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-16 (bg)	0	-10	-161	No	32	90.63	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-17 (bg)	0	1	161	No	32	93.75	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWC-5	0	30	161	No	32	37.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.1808	57	68	No	18	44.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-16 (bg)	0	-9	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	-22	-68	No	18	83.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-1	0	-9	-68	No	18	38.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.3786	125	68	Yes	18	16.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	0.2642	34	68	No	18	0	n/a	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - Resample Results (All Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/27/2022, 11:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.05318	n/a	5/12/2022	0.06	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - Resample Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 7/6/2022, 8:23 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-1	0.1091	n/a	5/12/2022	0.048J	No	15	0.006016	0.00223	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	5/12/2022	0.03J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWC-1	6.745	6.3	5/12/2022	6.55	No	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.659	6.027	5/12/2022	6.31	No	18	6.343	0.1259	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.46	6.164	5/12/2022	6.39	No	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-20	6.664	6.342	5/12/2022	6.52	No	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.591	5.971	5/12/2022	6.19	No	18	39.54	1.551	0	None	x^2	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-5	6.158	5.348	5/12/2022	5.99	No	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.475	n/a	5/12/2022	2.7	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	5/12/2022	33	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Resample Results (All Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/27/2022, 11:19 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	5/12/2022	0.06	Yes	96	n/a	n/a	2.083	n/a	n/a	0.0002086	NP Inter (normality) 1 of 2

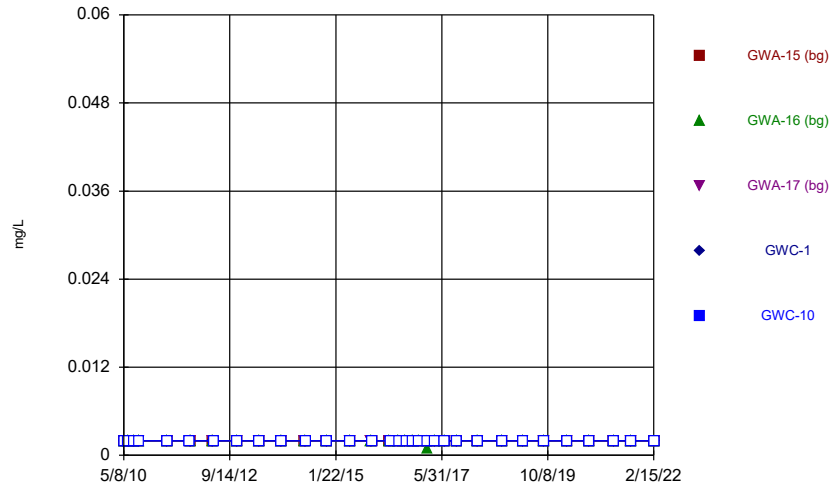
Appendix III Interwell Prediction Limits - Resample Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/27/2022, 11:39 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-10	3.1	n/a	5/12/2022	2.7	No	54	n/a	n/a	74.07	n/a	n/a	0.0006323	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	5/12/2022	33	Yes	54	n/a	n/a	74.07	n/a	n/a	0.0006323	NP Inter (NDs) 1 of 2

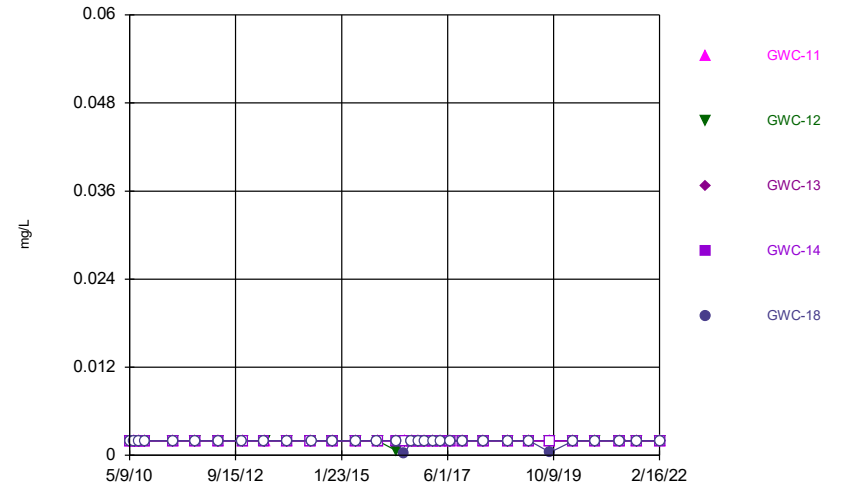
FIGURE A.

Time Series



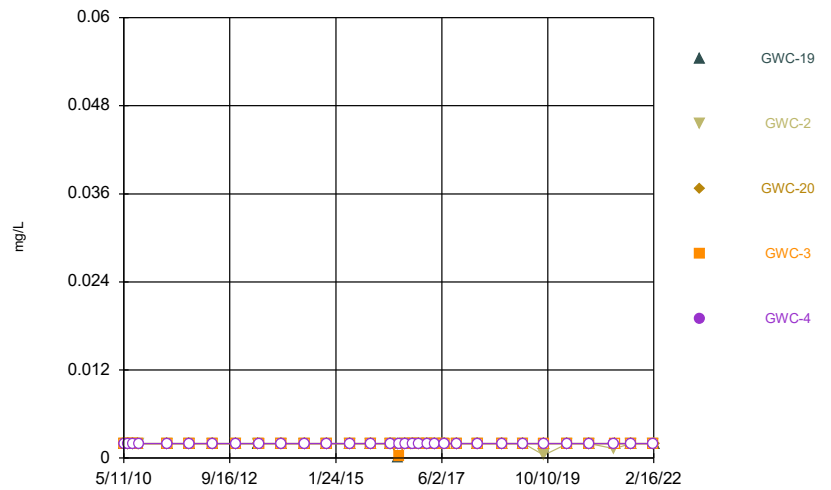
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



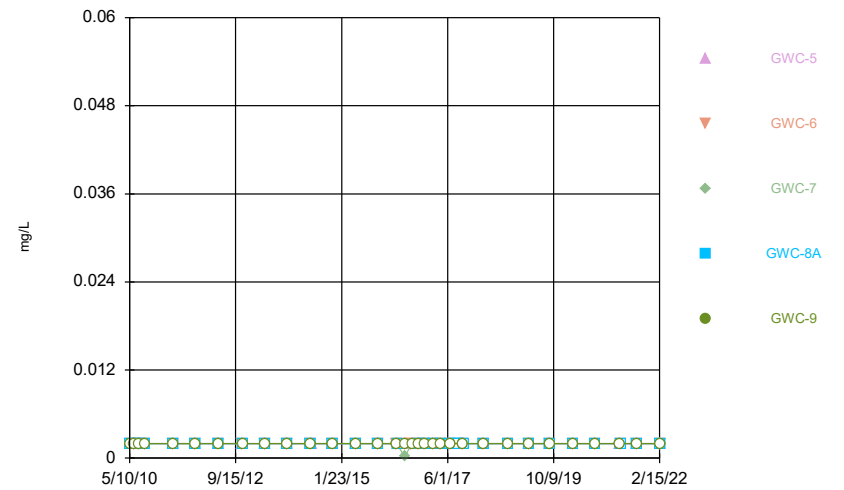
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



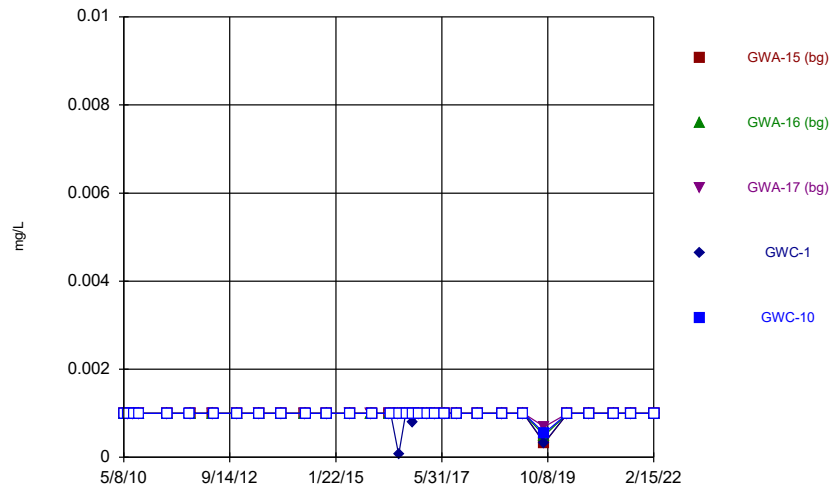
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



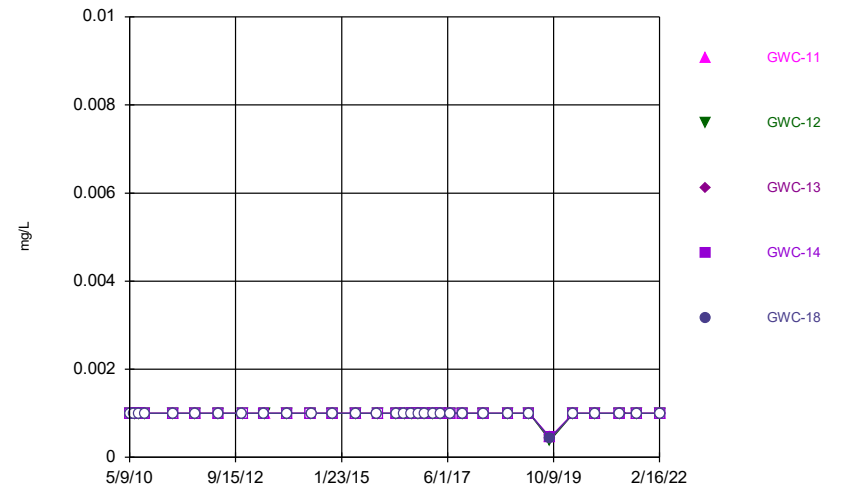
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Time Series



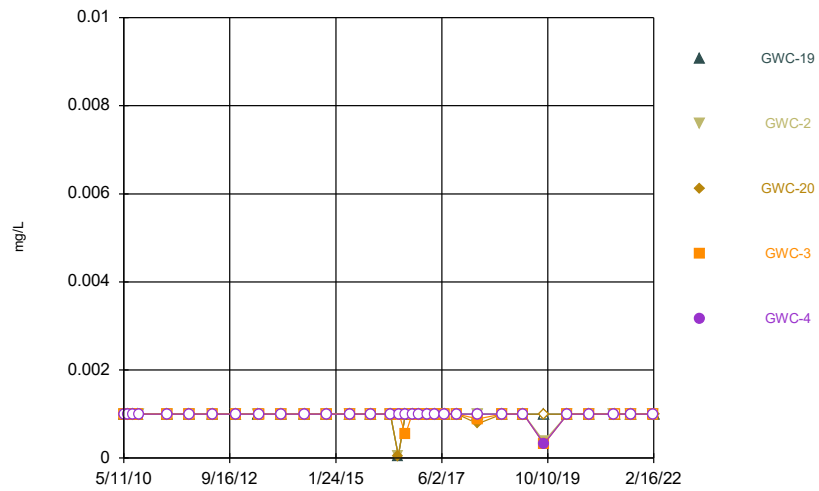
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Time Series



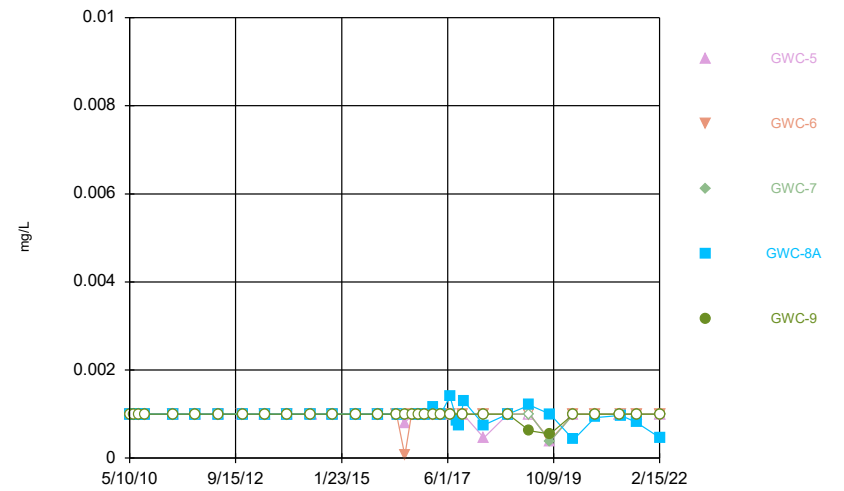
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Time Series



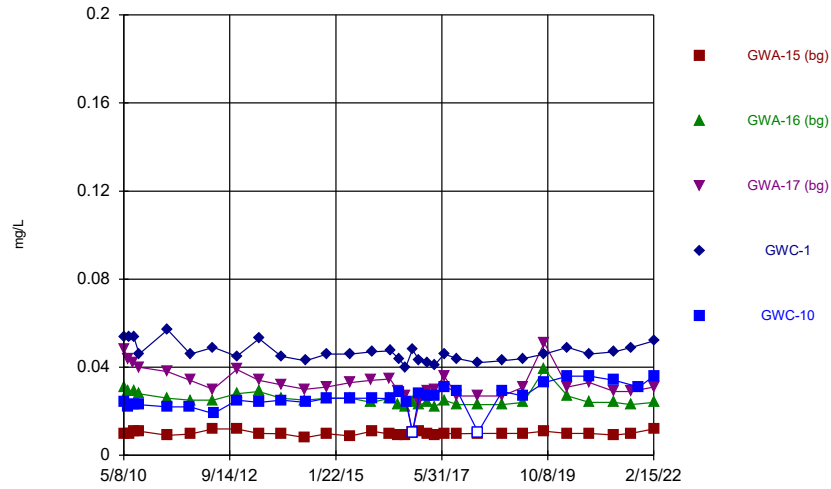
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Time Series



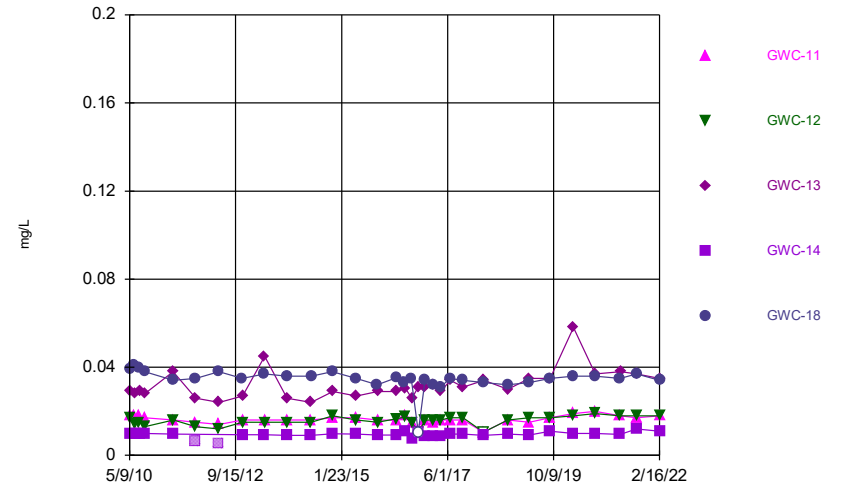
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Time Series



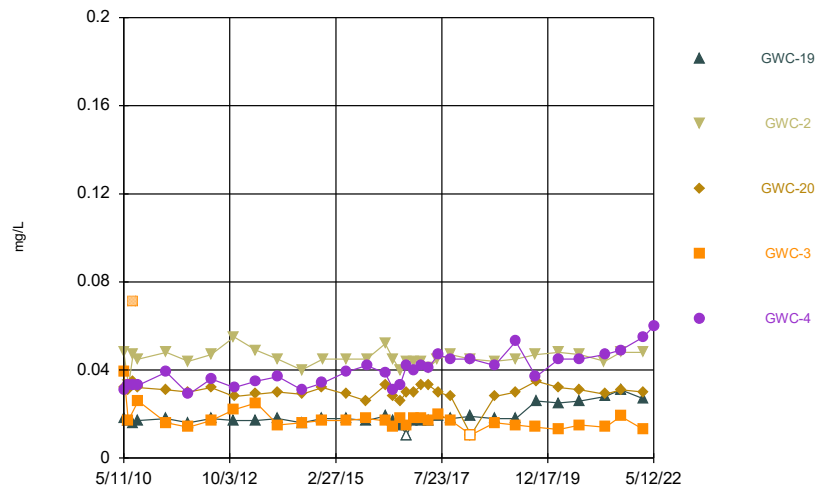
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Time Series



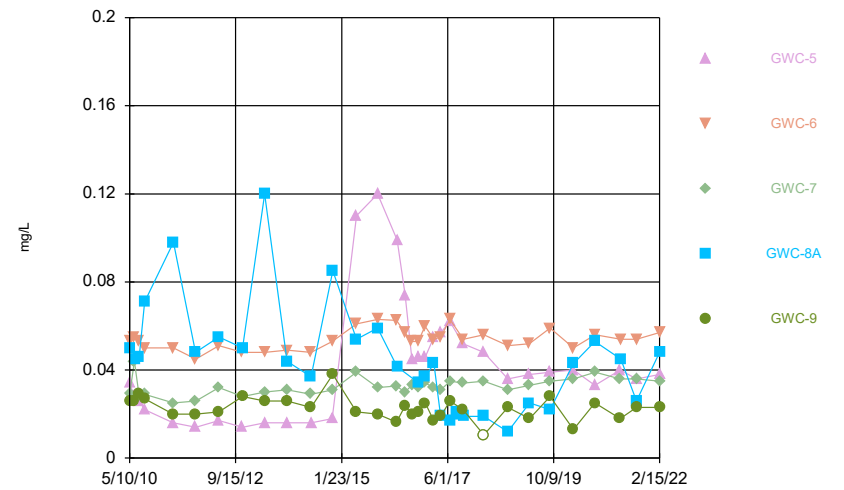
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Time Series



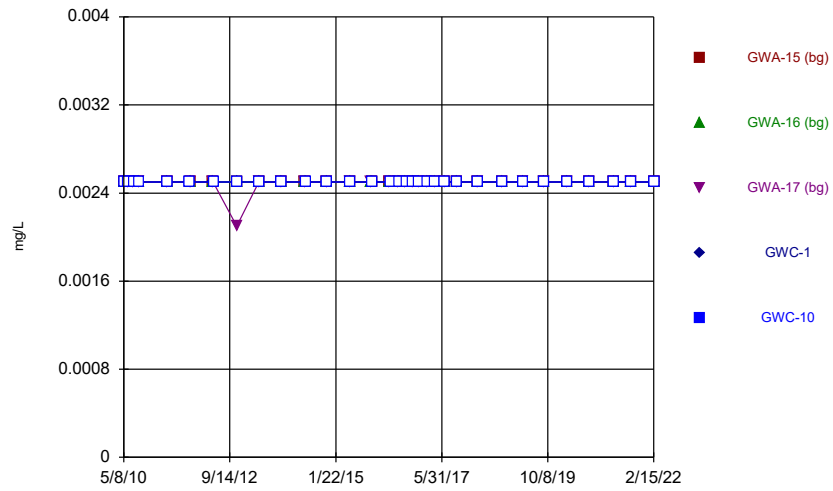
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



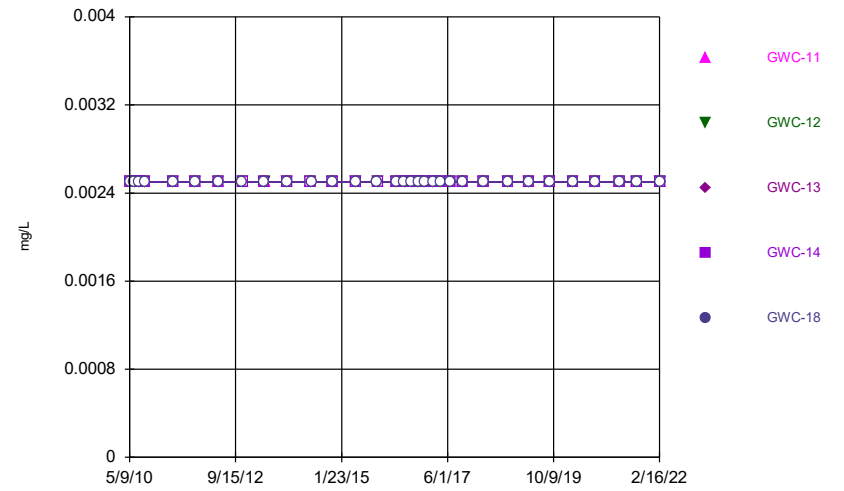
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



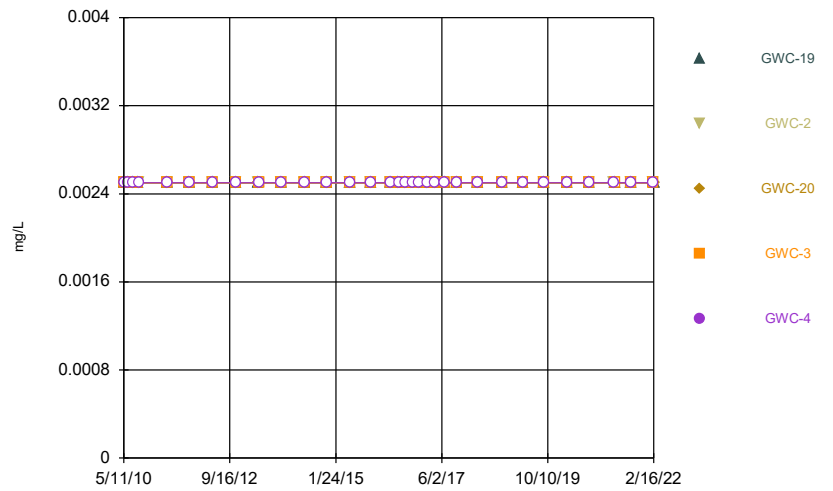
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Time Series



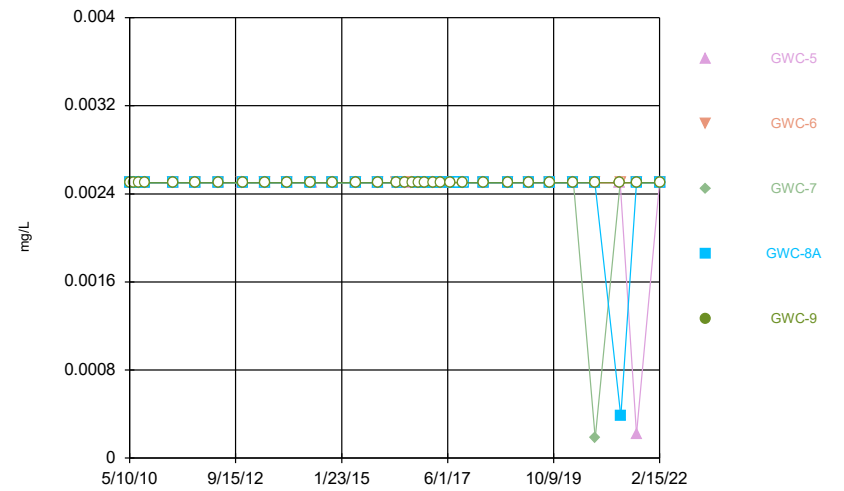
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Time Series



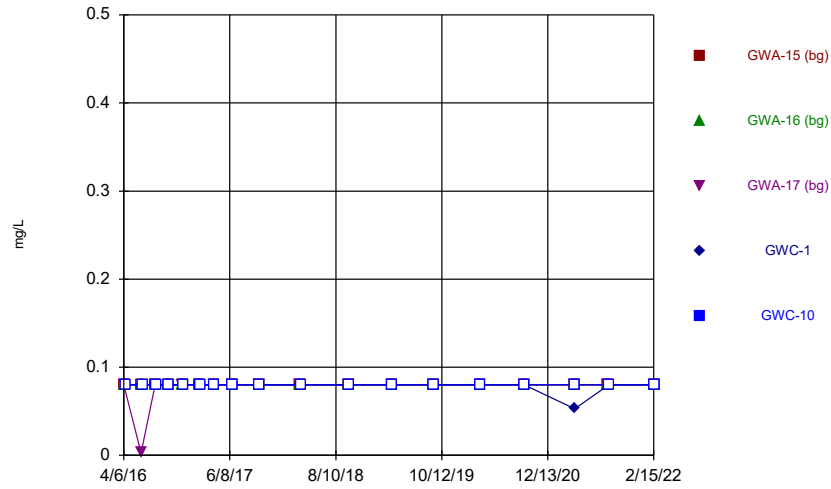
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



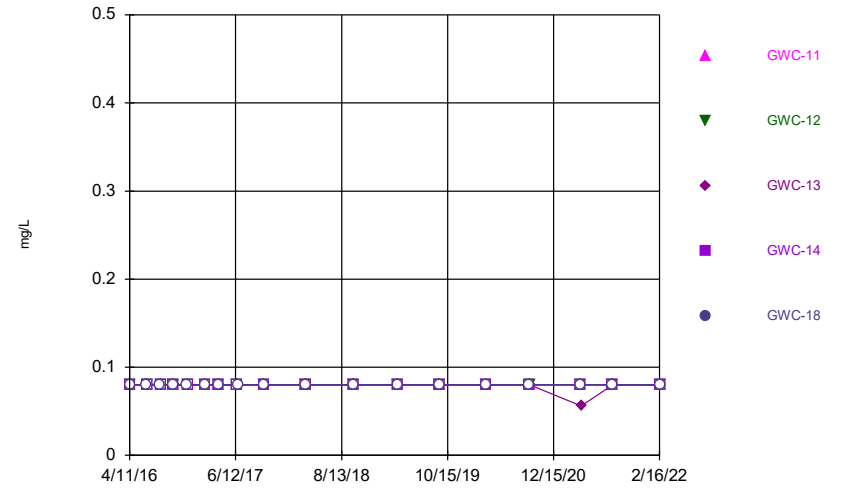
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



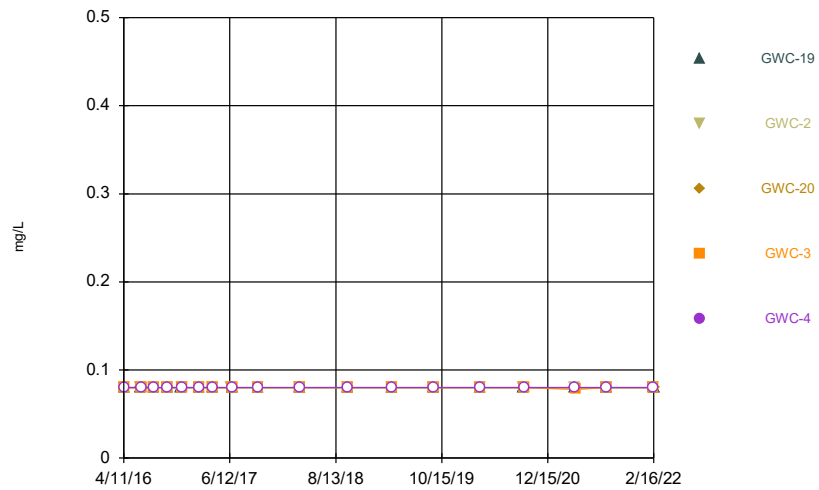
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Time Series



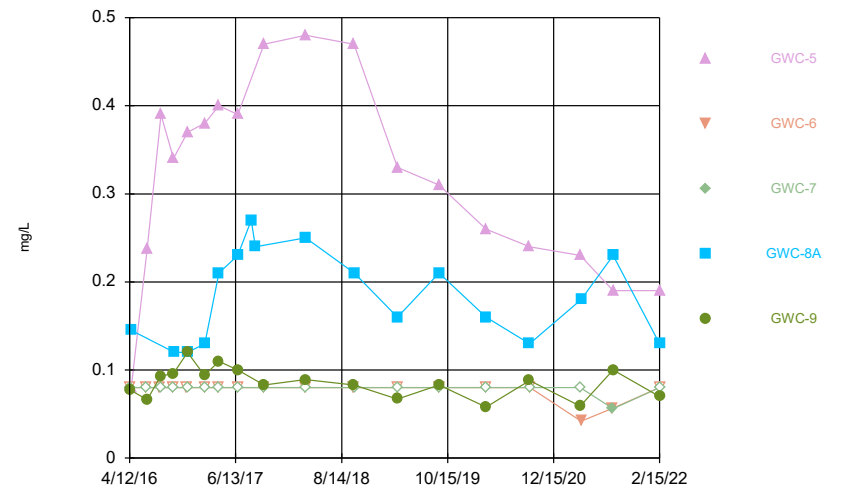
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



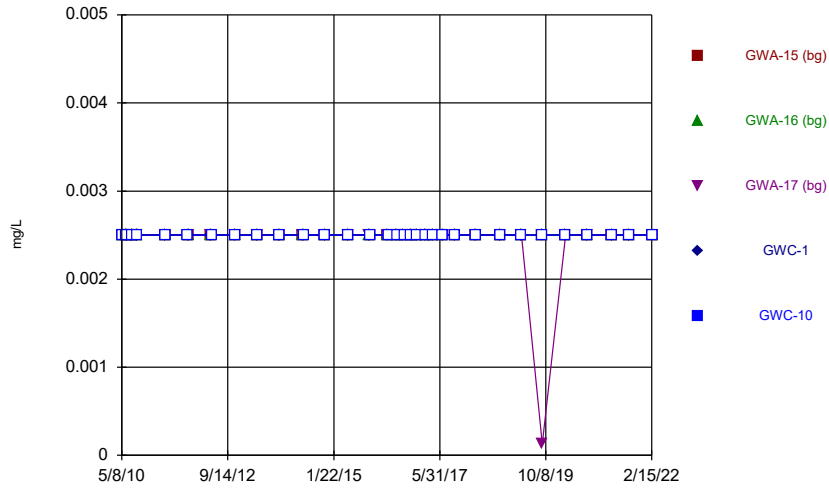
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



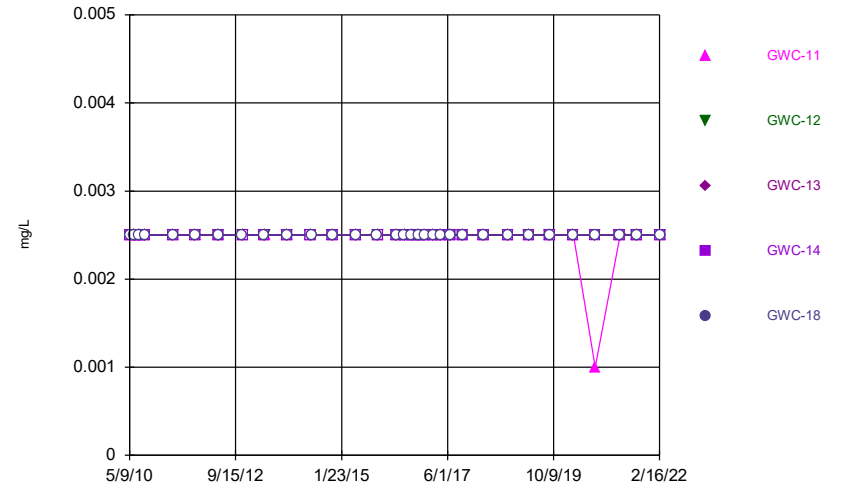
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



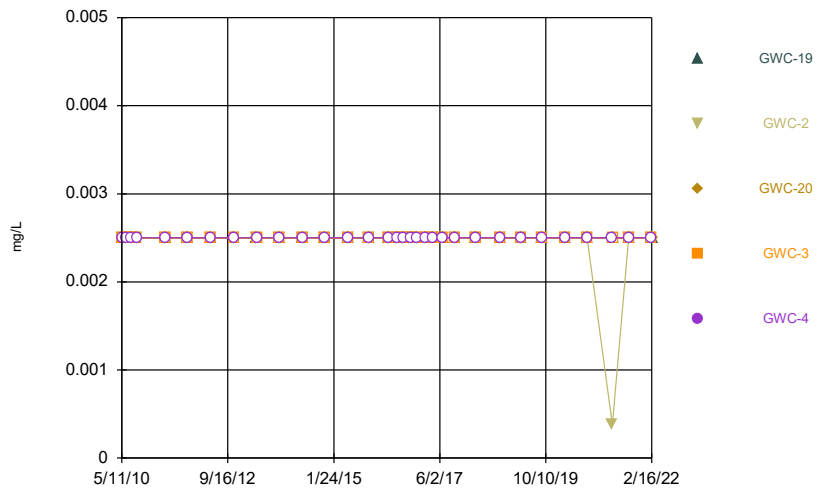
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Time Series



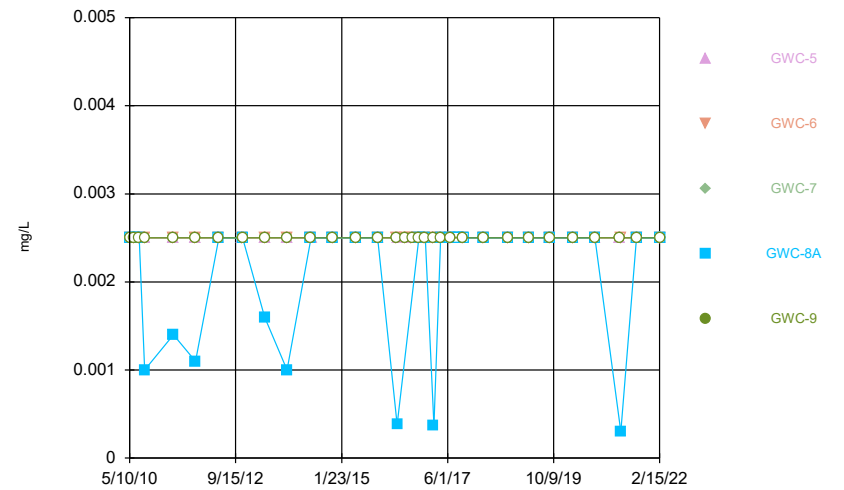
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Time Series



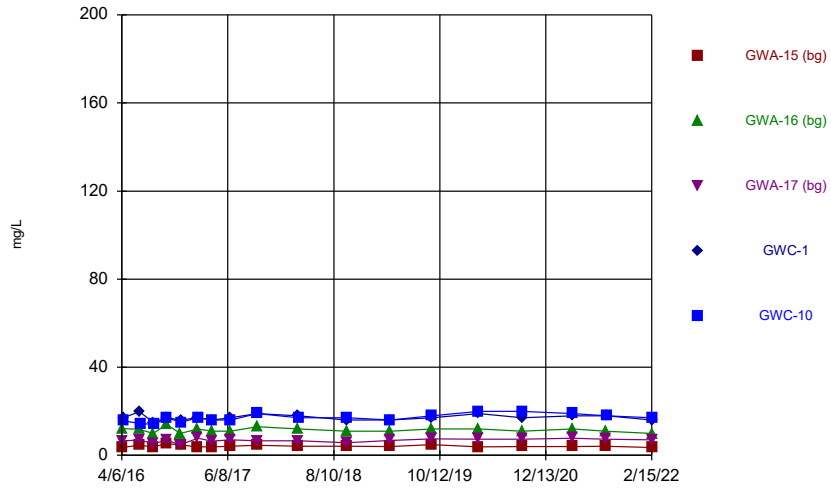
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Time Series



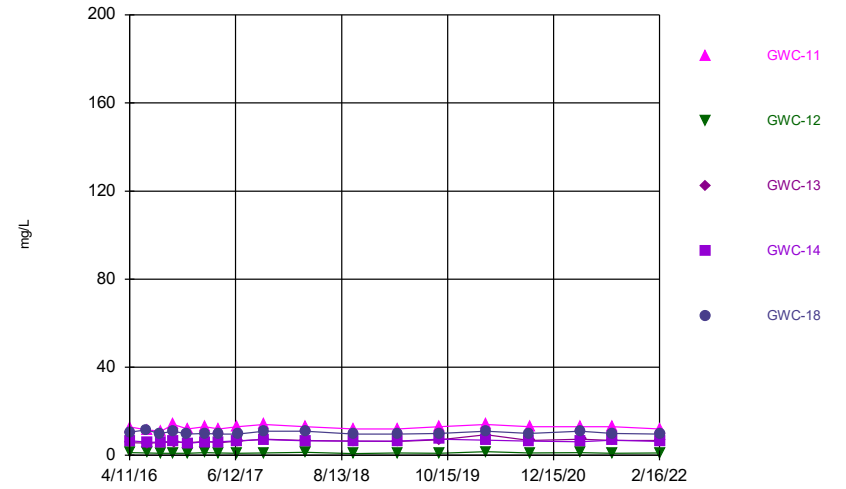
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Time Series



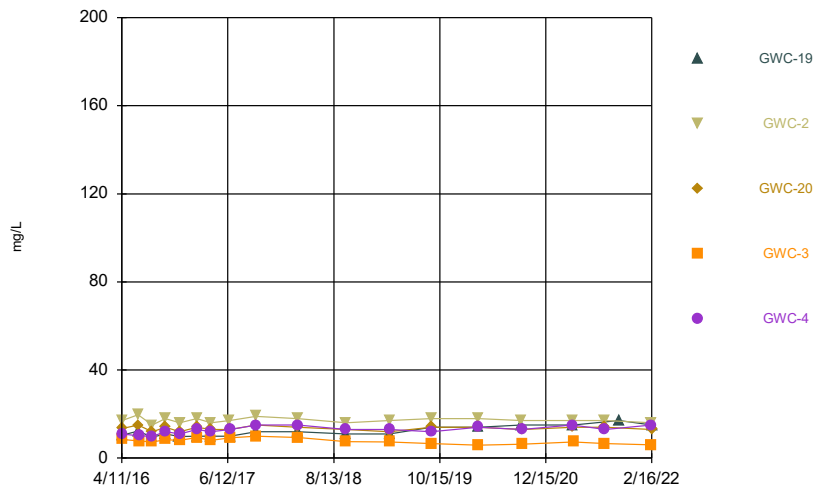
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



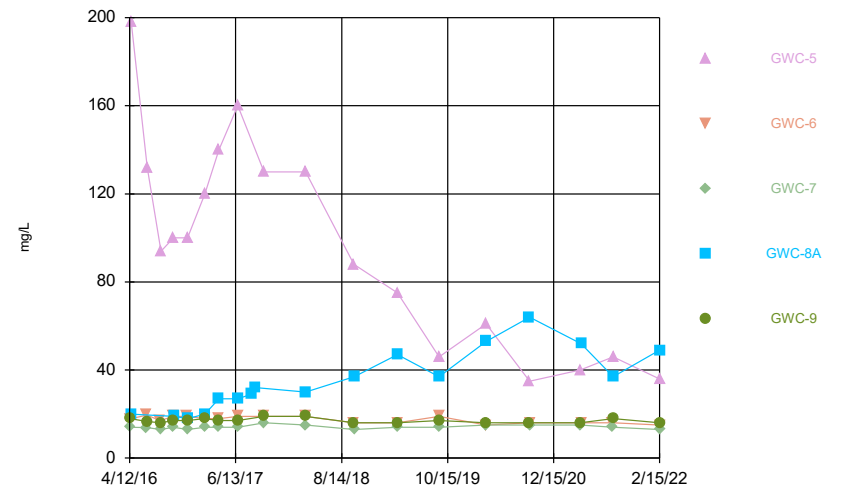
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Time Series



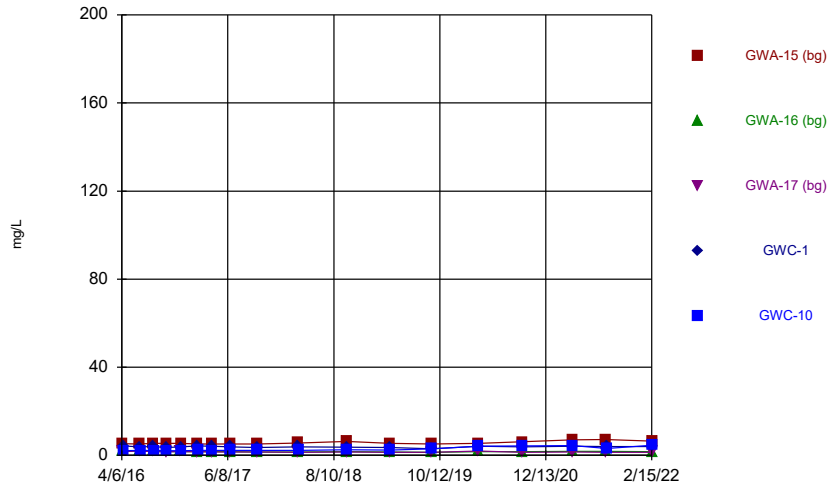
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Time Series



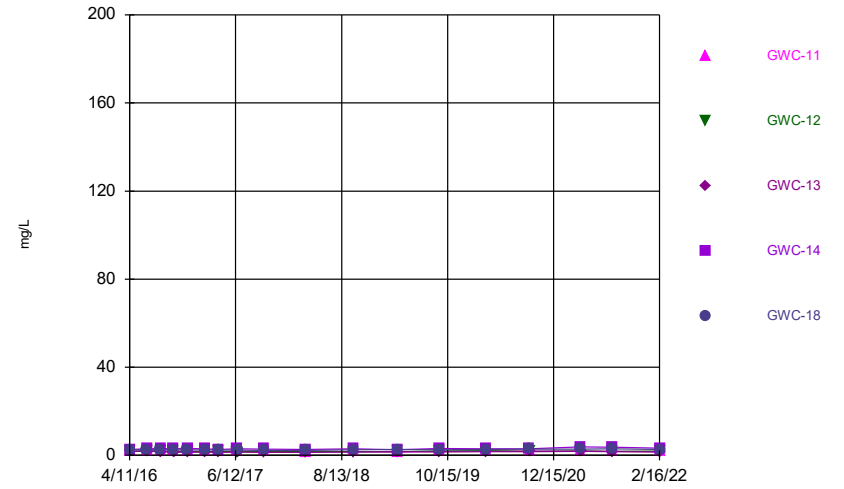
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Time Series



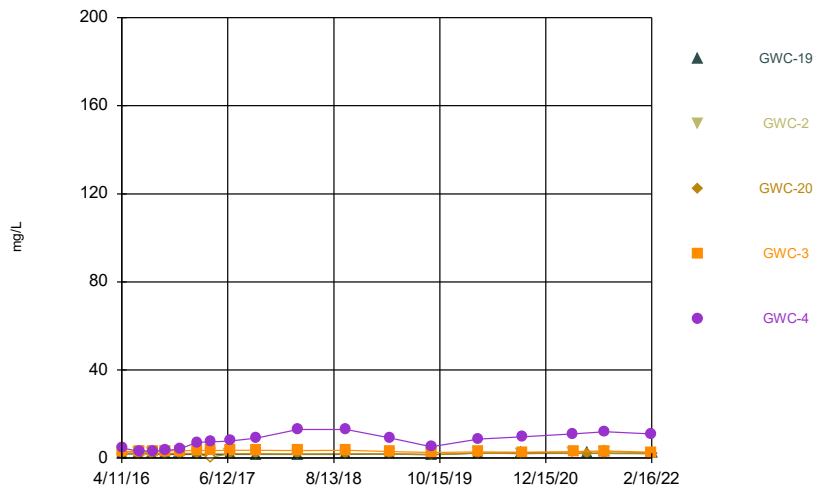
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Time Series



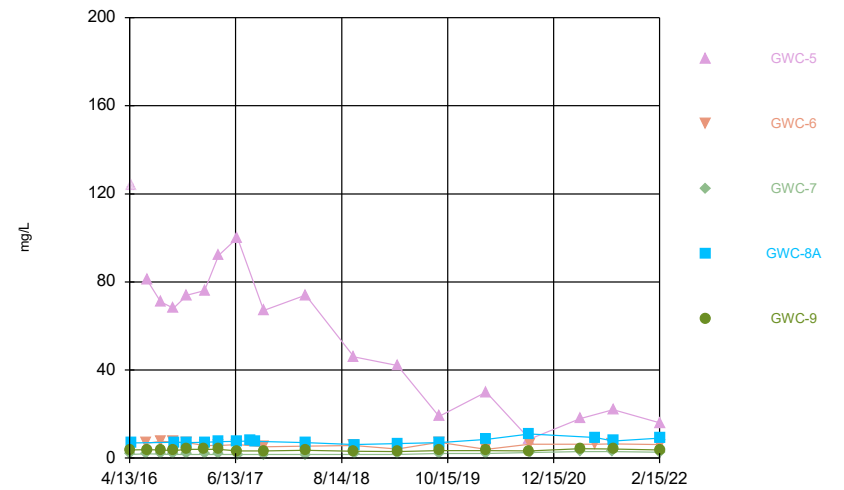
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Time Series



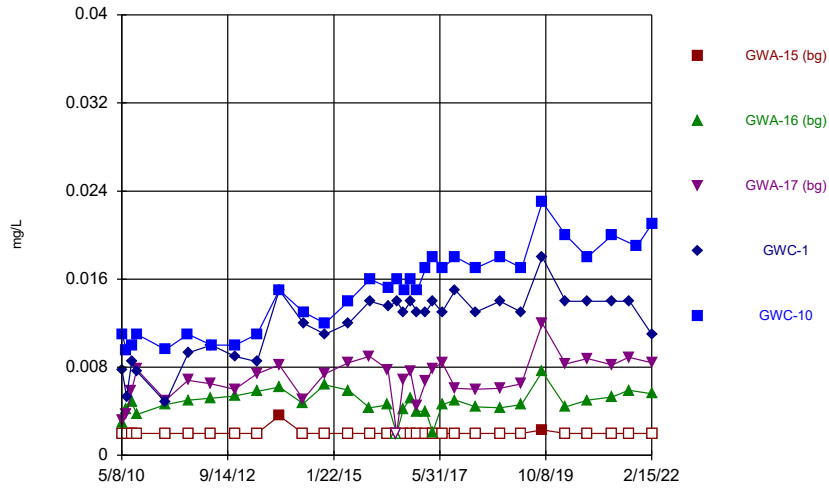
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Time Series

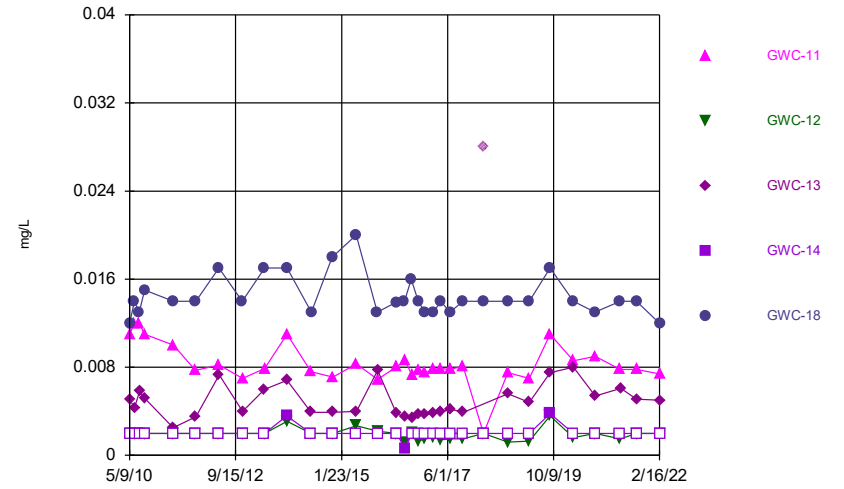


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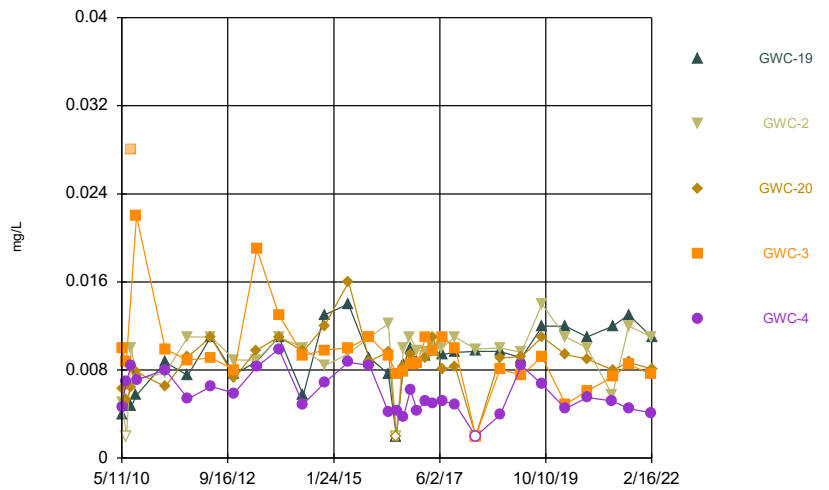
Time Series



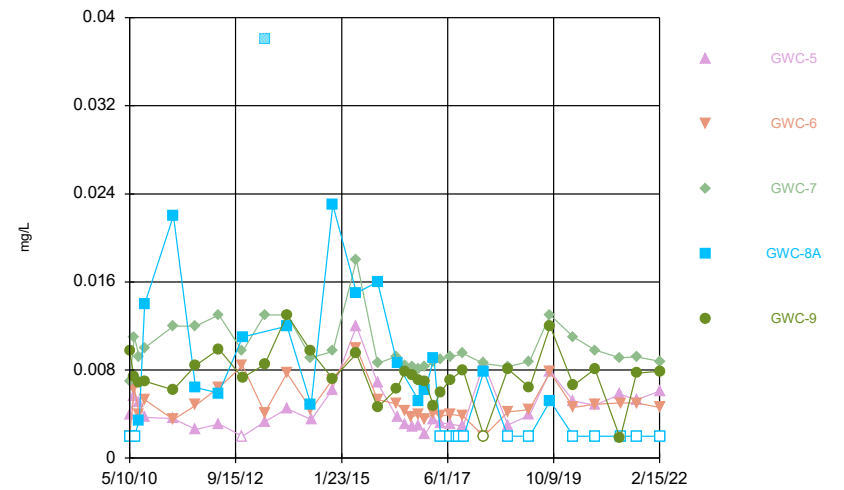
Time Series



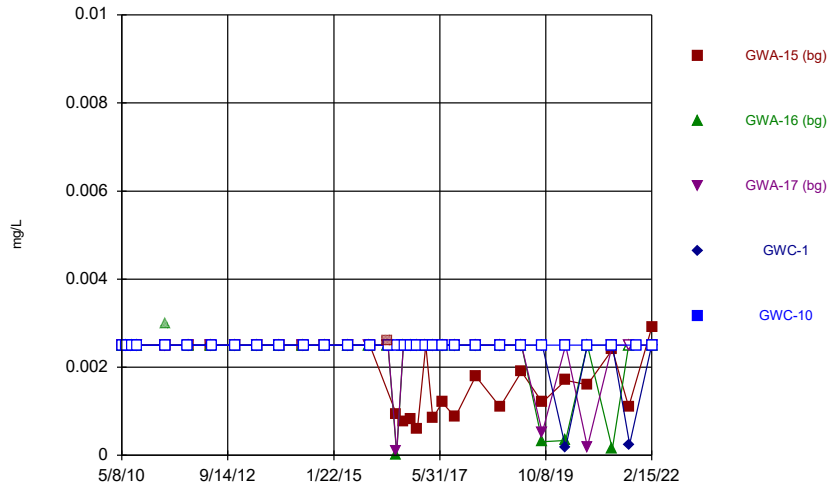
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Time Series

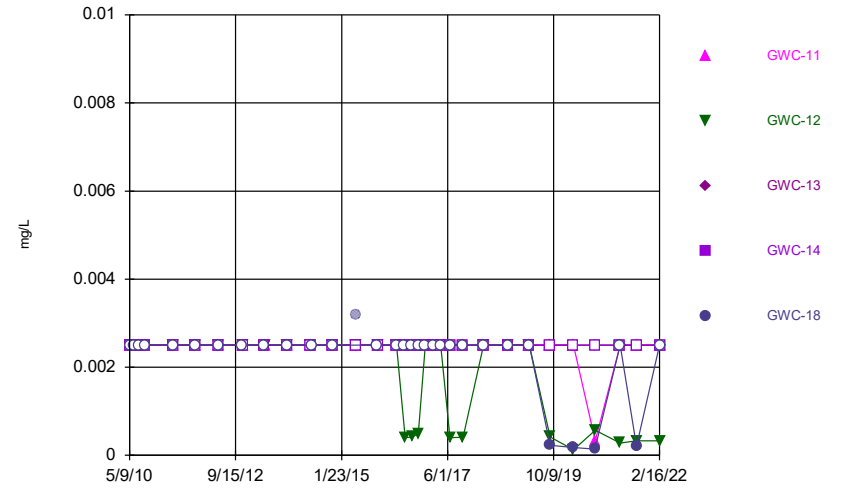


Time Series



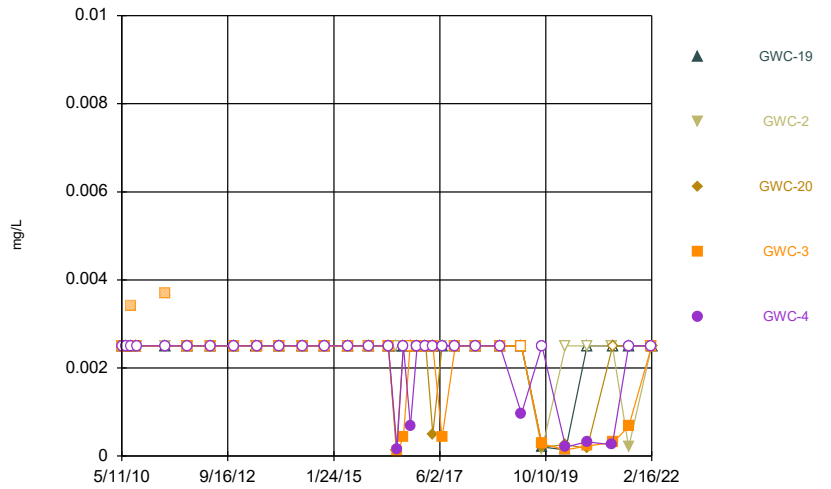
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



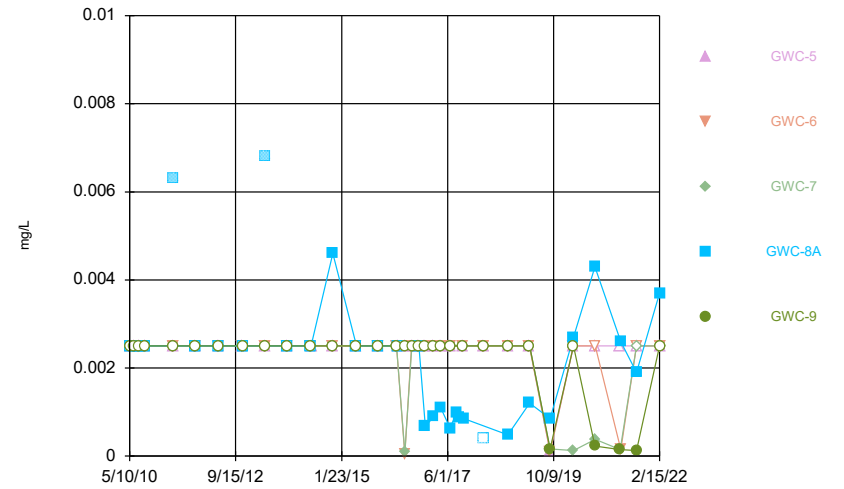
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



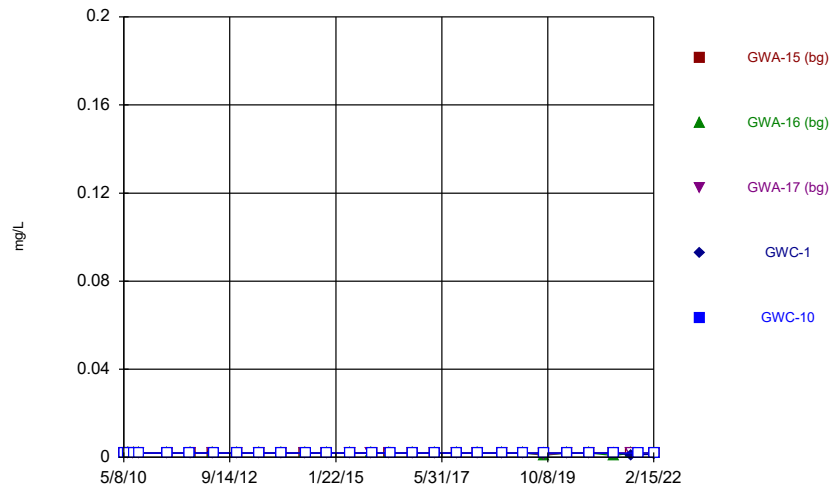
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



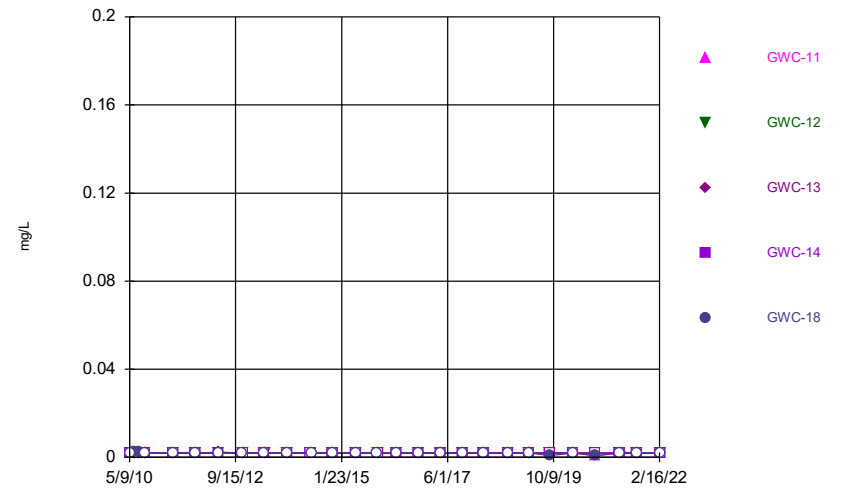
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Time Series



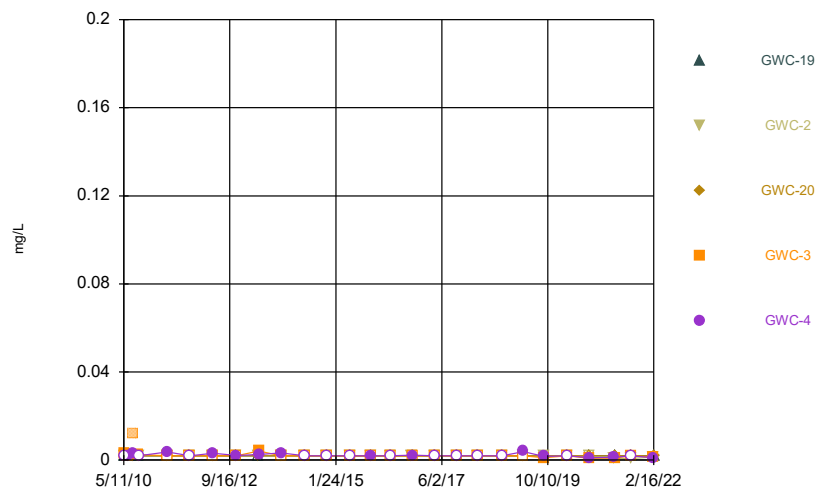
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Time Series



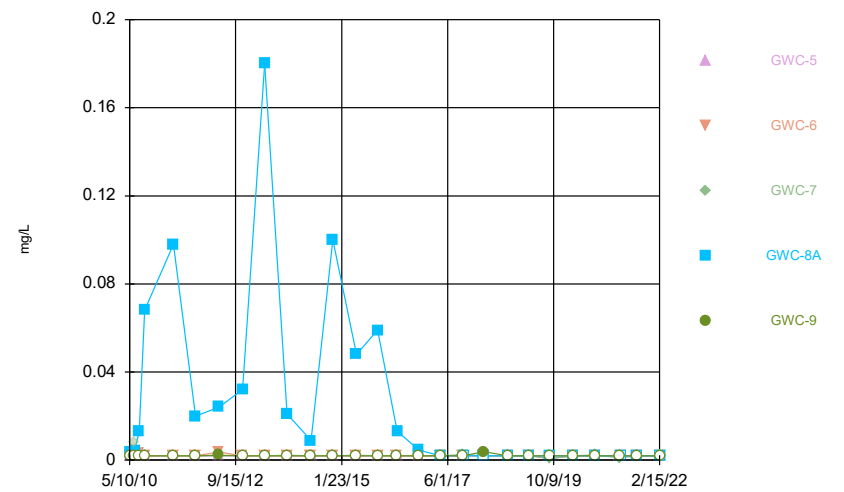
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Time Series



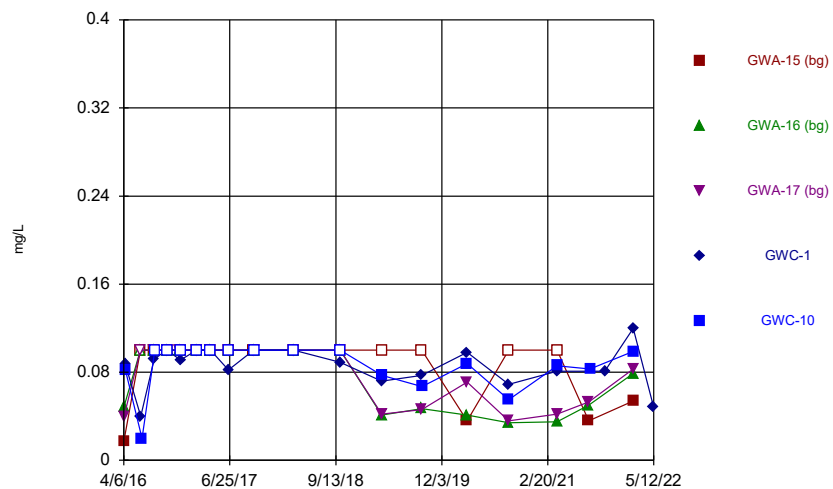
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Time Series



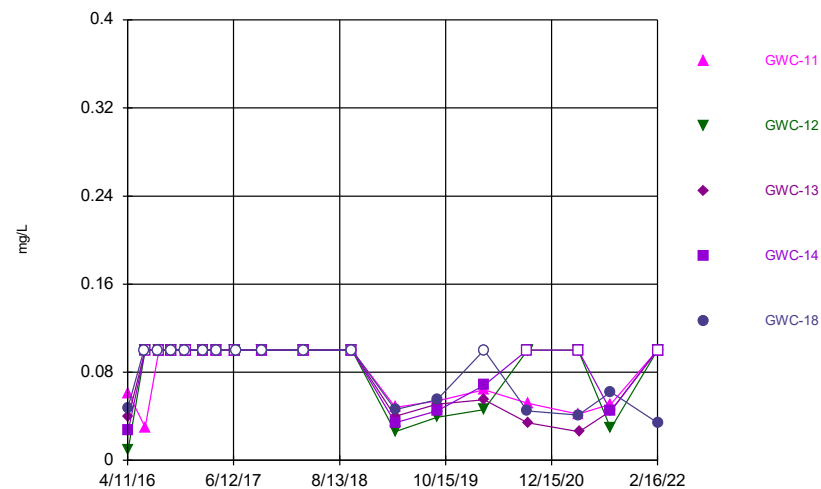
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



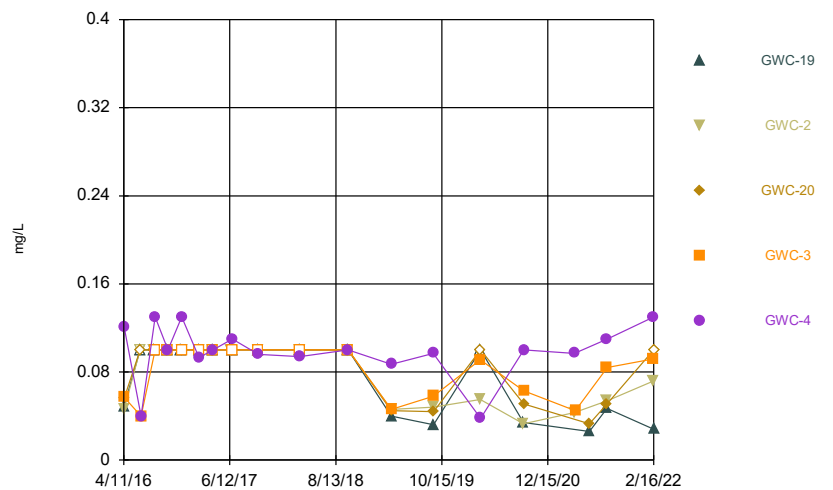
Constituent: Fluoride Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



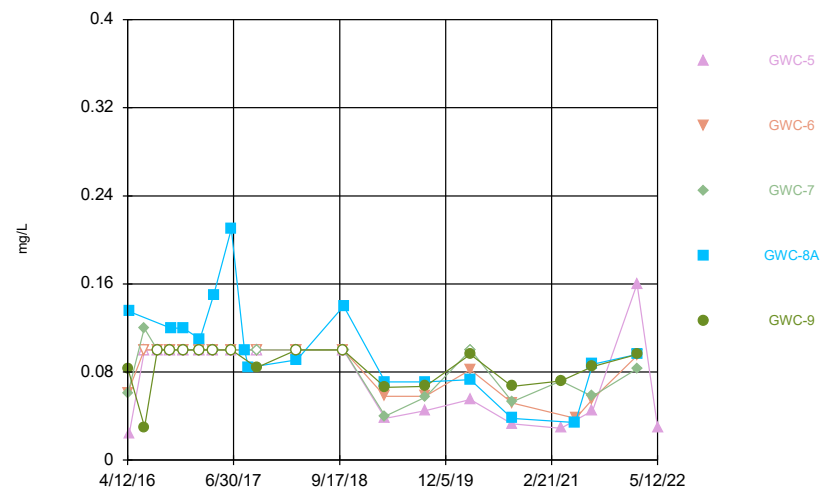
Constituent: Fluoride Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



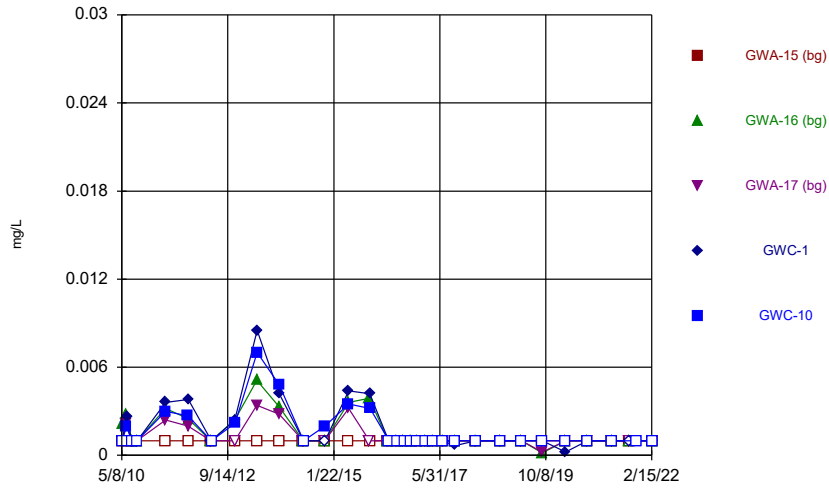
Constituent: Fluoride Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



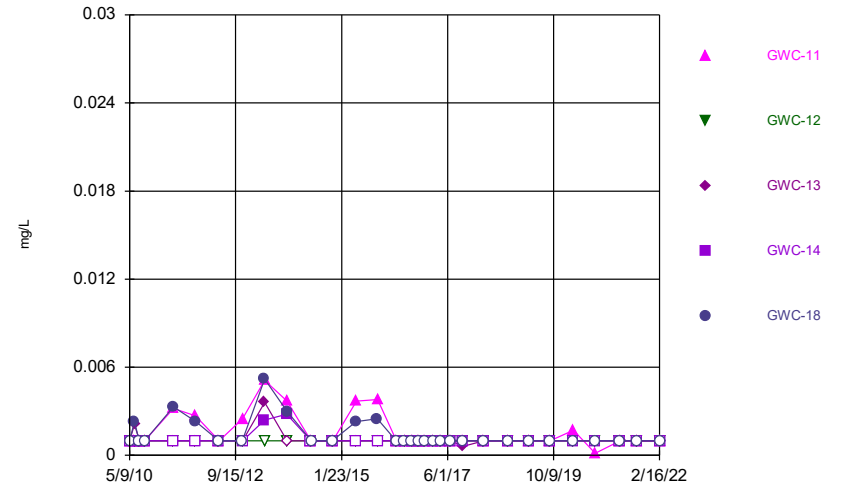
Constituent: Fluoride Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



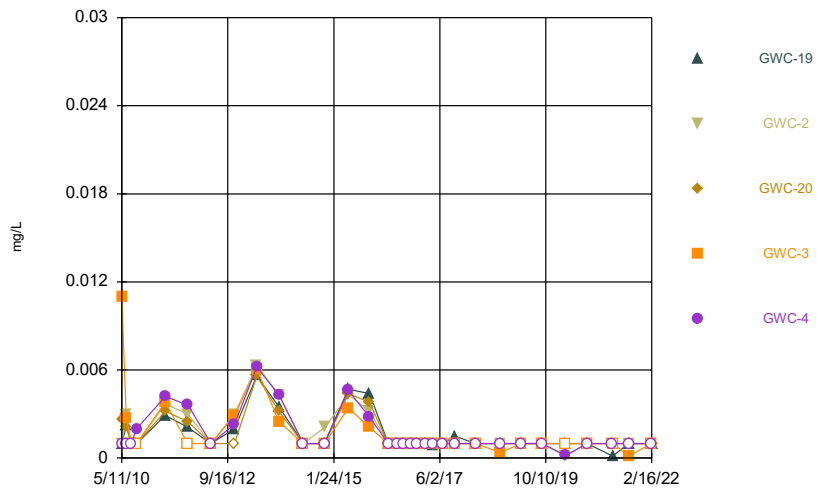
Constituent: Lead, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



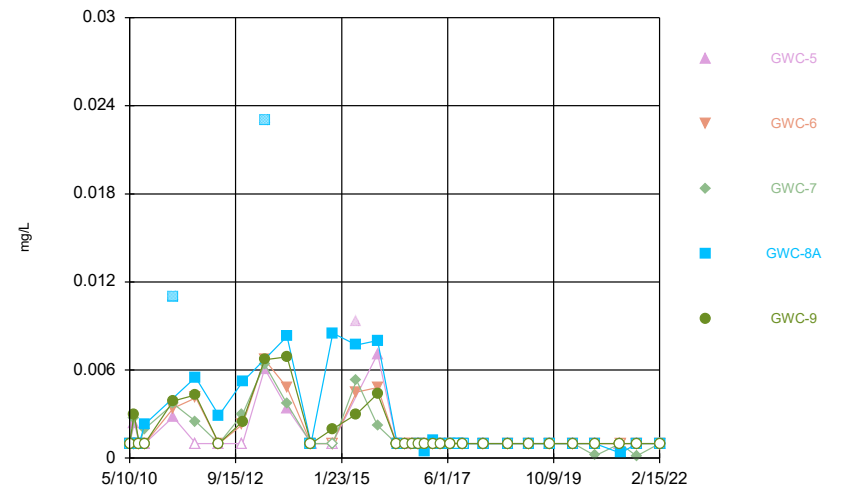
Constituent: Lead, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



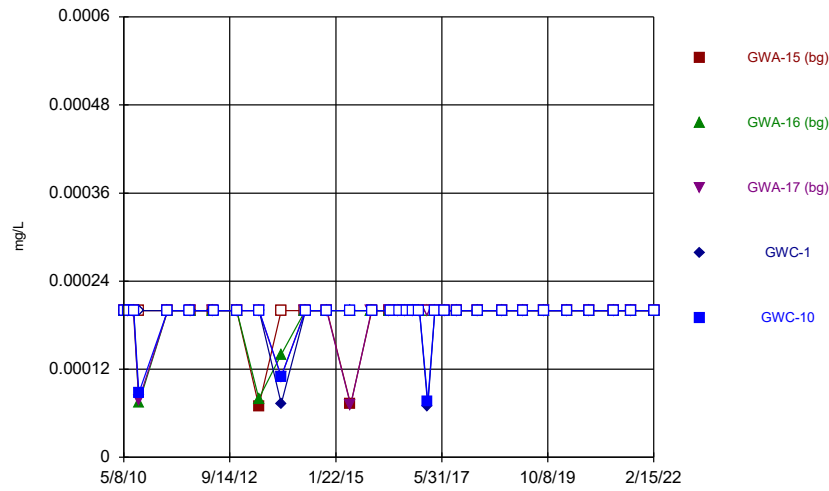
Constituent: Lead, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



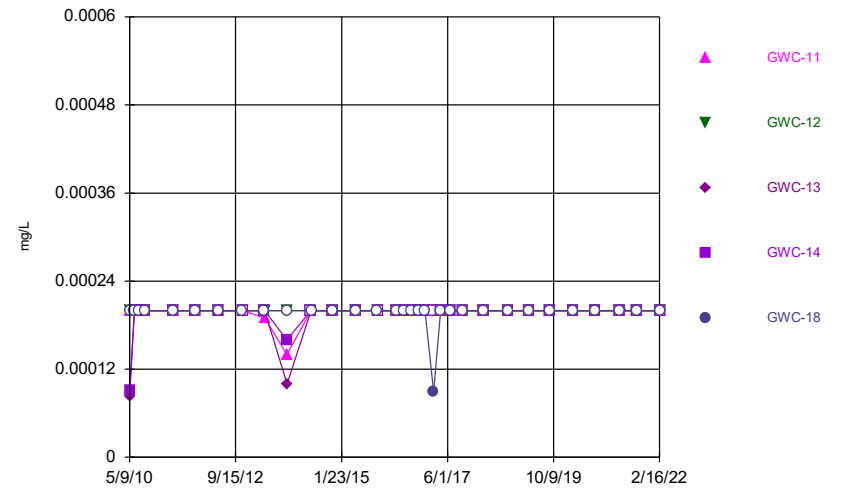
Constituent: Lead, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



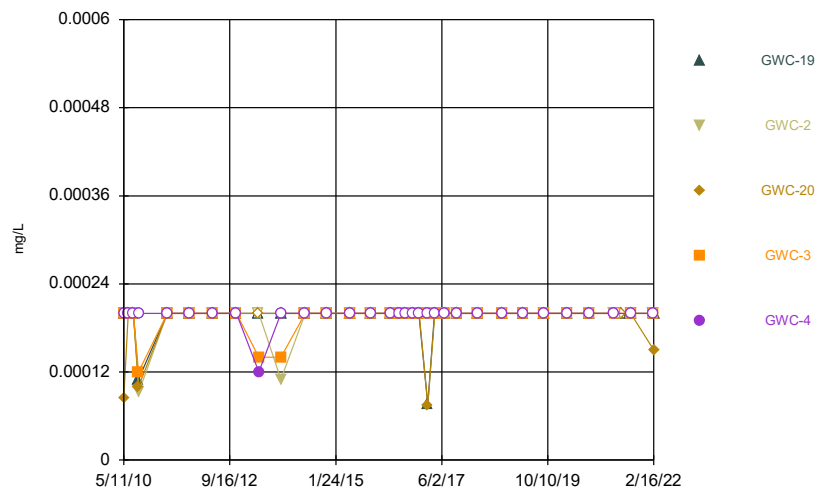
Constituent: Mercury Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



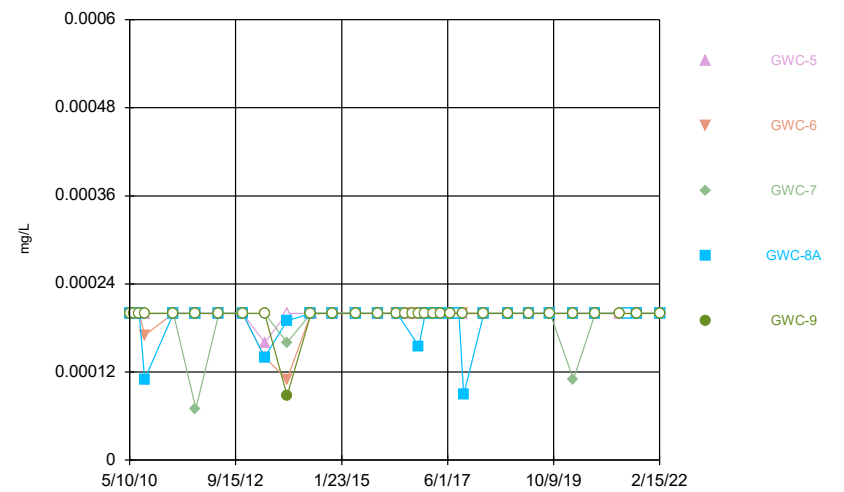
Constituent: Mercury Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



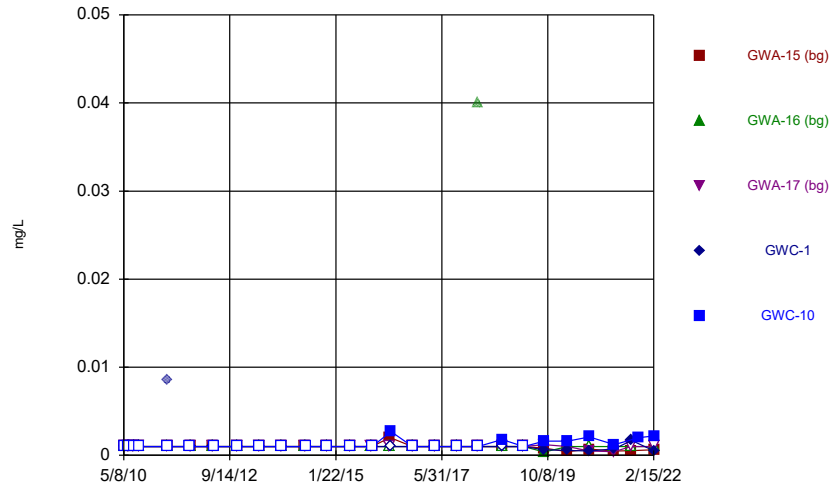
Constituent: Mercury Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



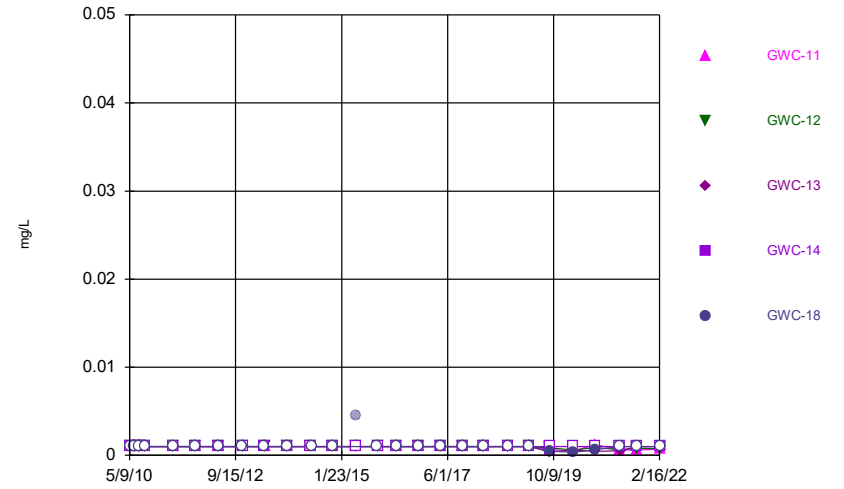
Constituent: Mercury Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



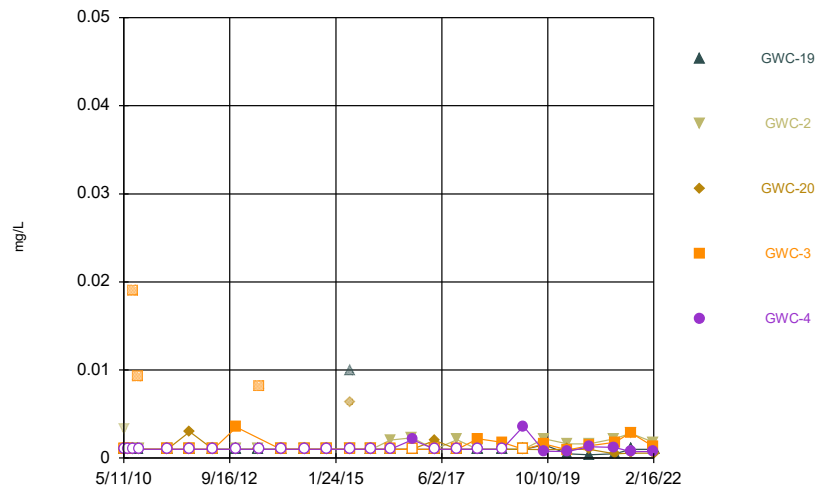
Constituent: Nickel Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



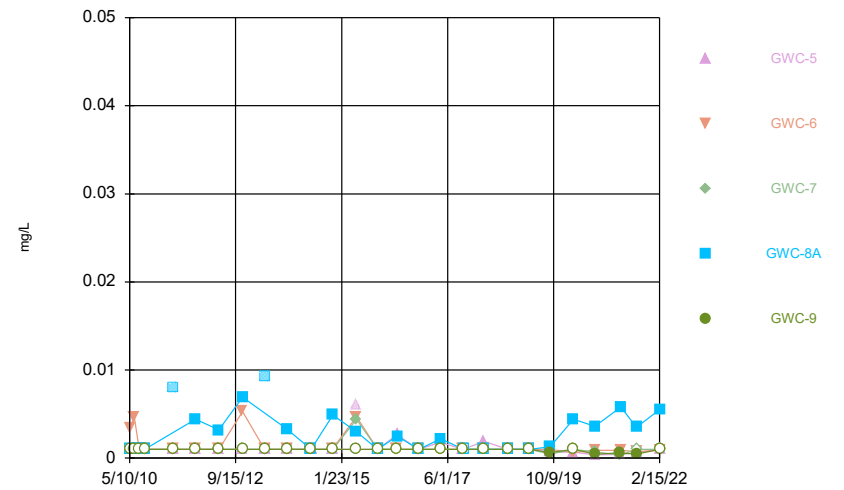
Constituent: Nickel Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



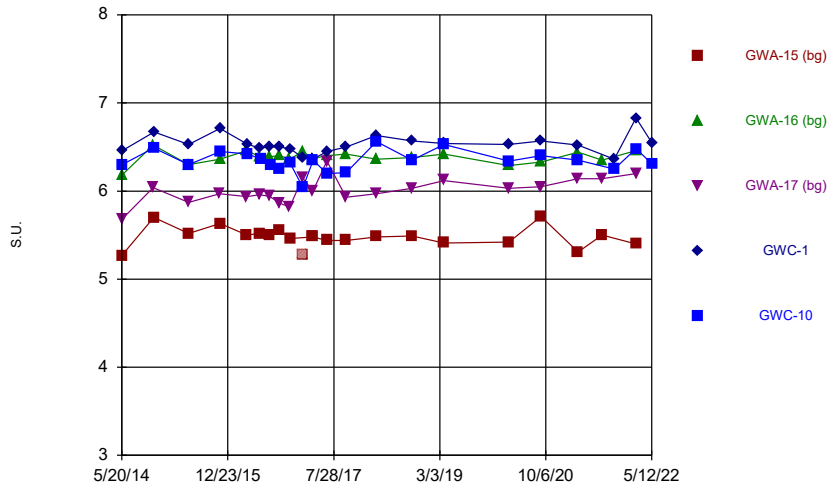
Constituent: Nickel Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



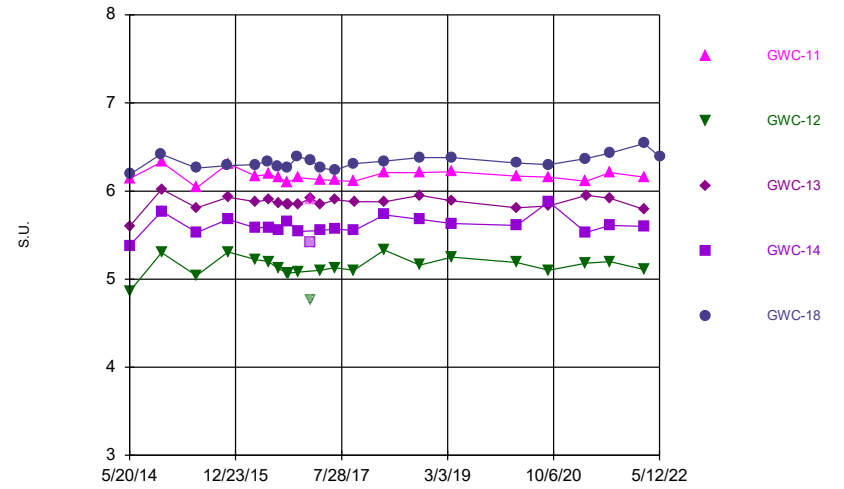
Constituent: Nickel Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



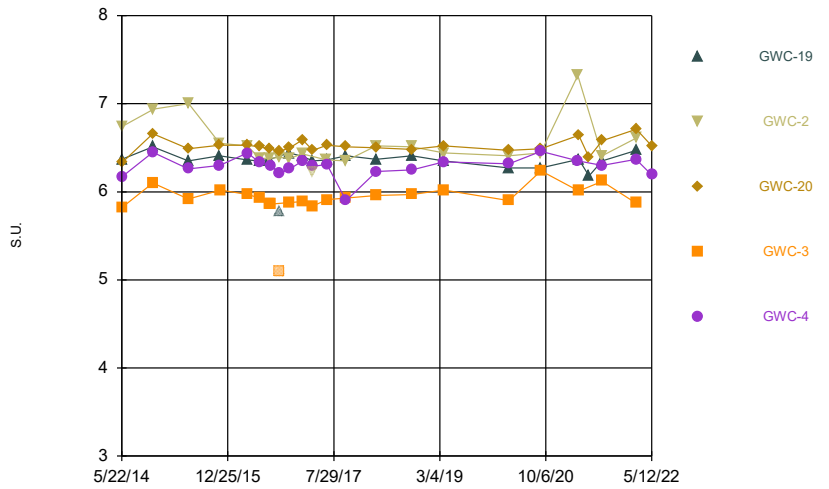
Constituent: pH Analysis Run 7/6/2022 8:01 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



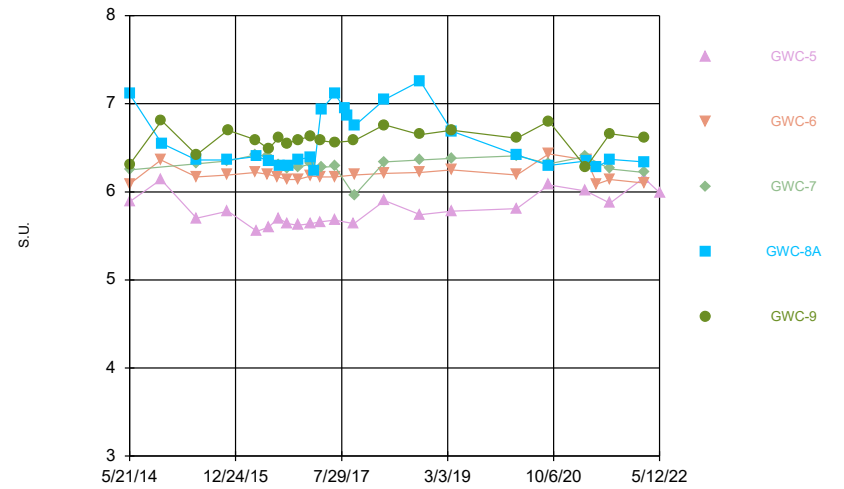
Constituent: pH Analysis Run 7/6/2022 8:01 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



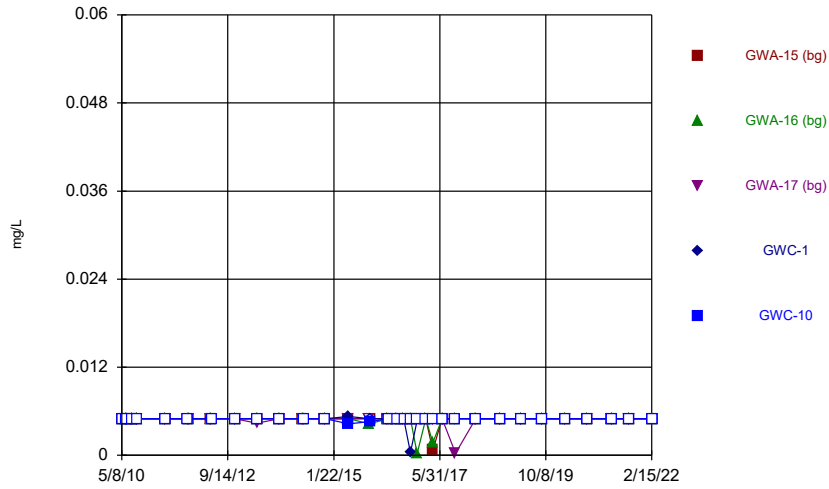
Constituent: pH Analysis Run 7/6/2022 8:01 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



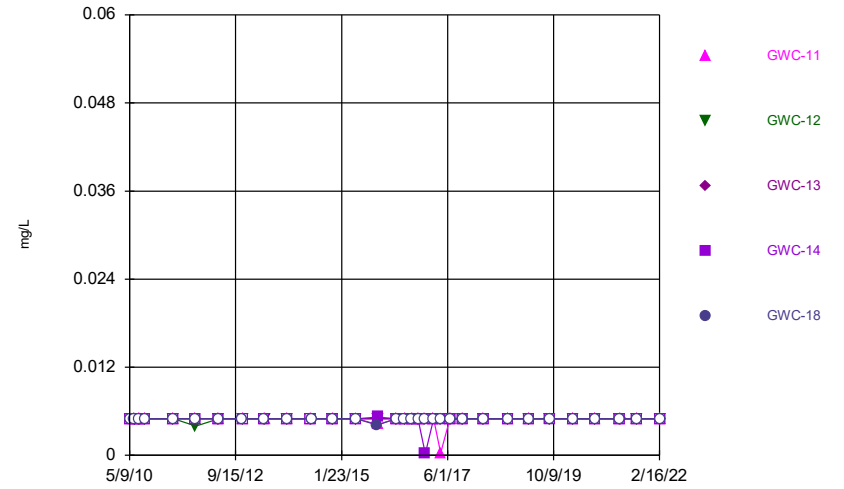
Constituent: pH Analysis Run 7/6/2022 8:01 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



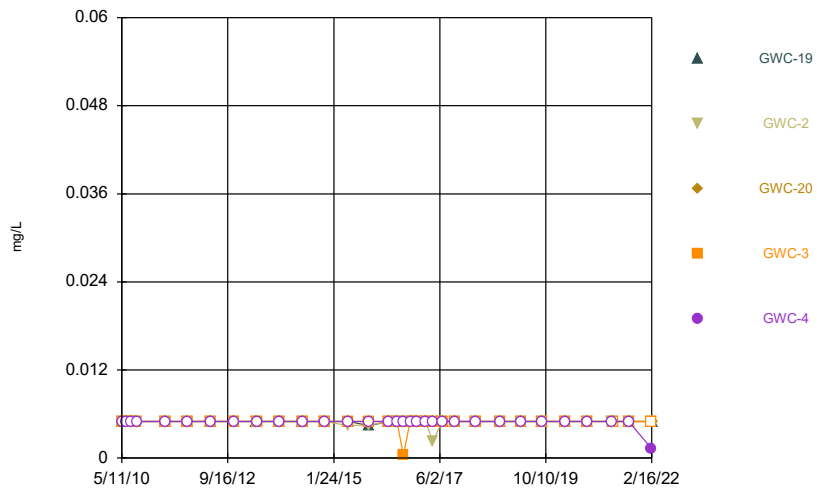
Constituent: Seleniun, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



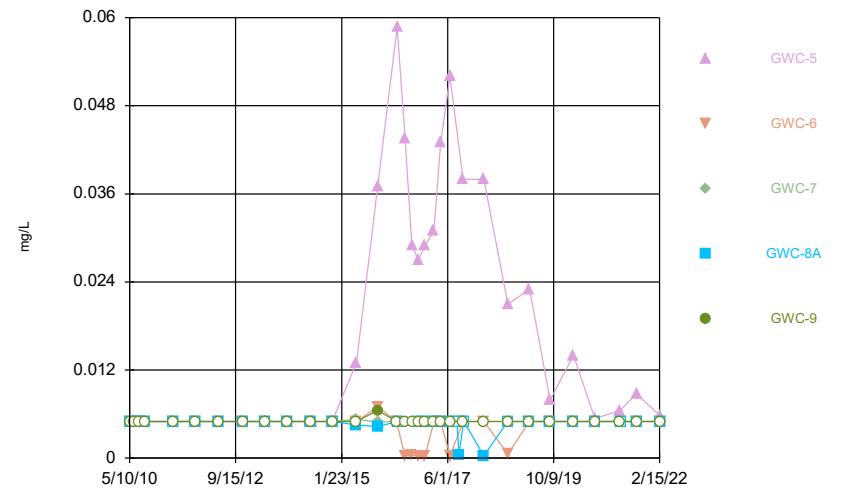
Constituent: Seleniun, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



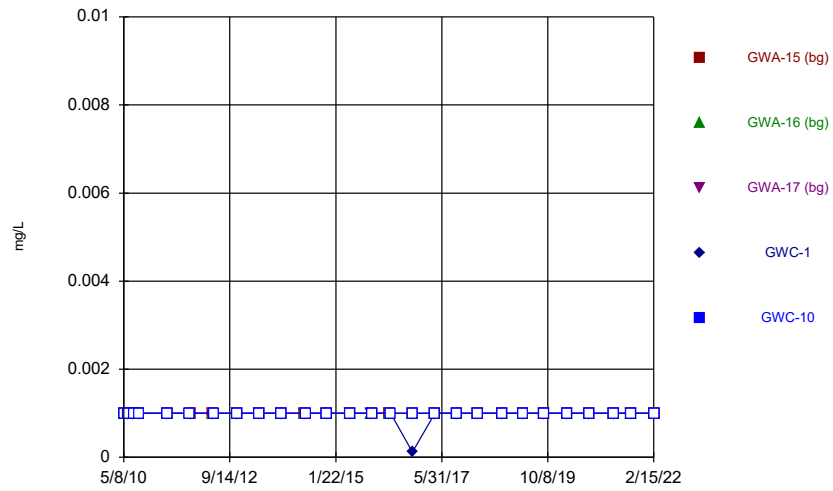
Constituent: Seleniun, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



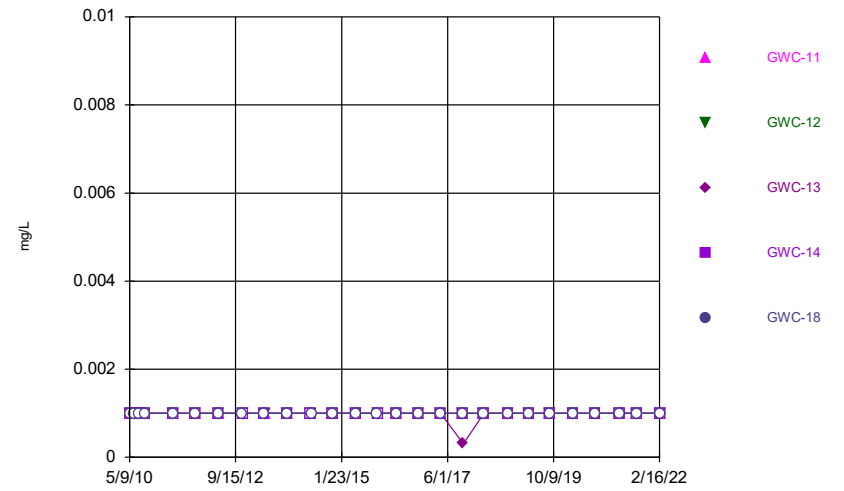
Constituent: Seleniun, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



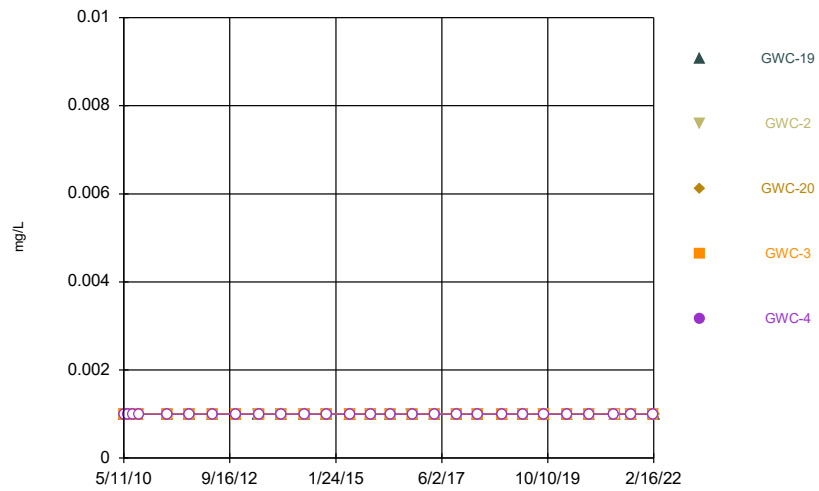
Constituent: Silver Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



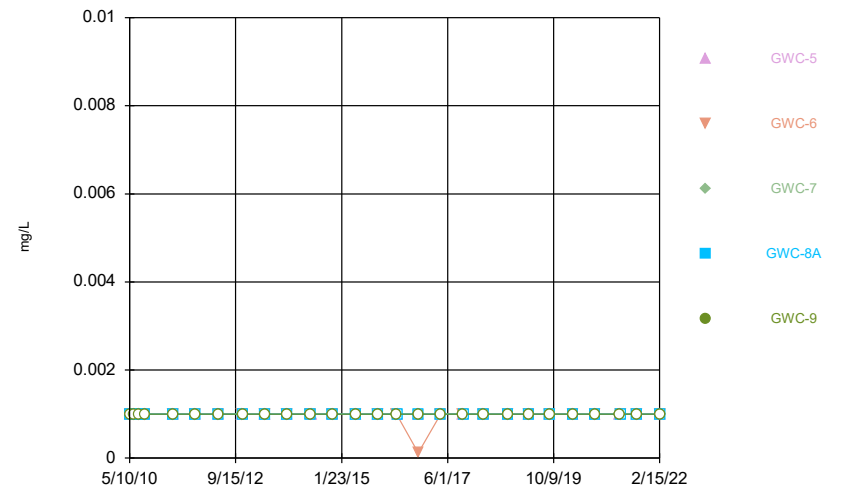
Constituent: Silver Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



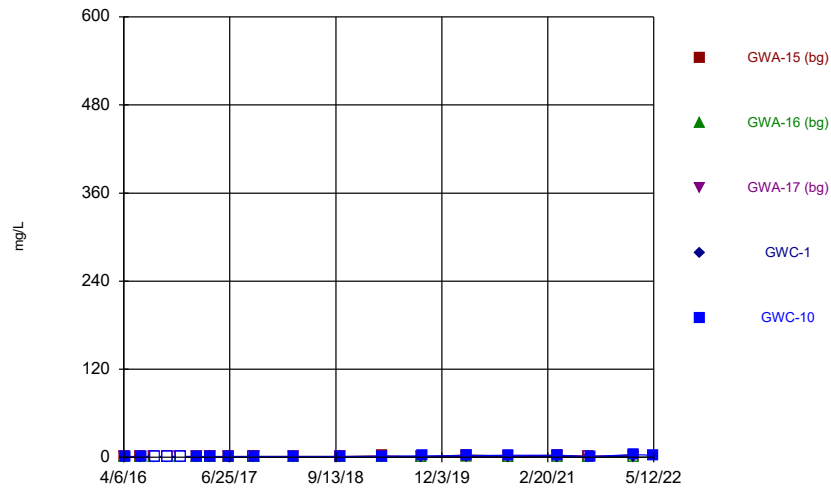
Constituent: Silver Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



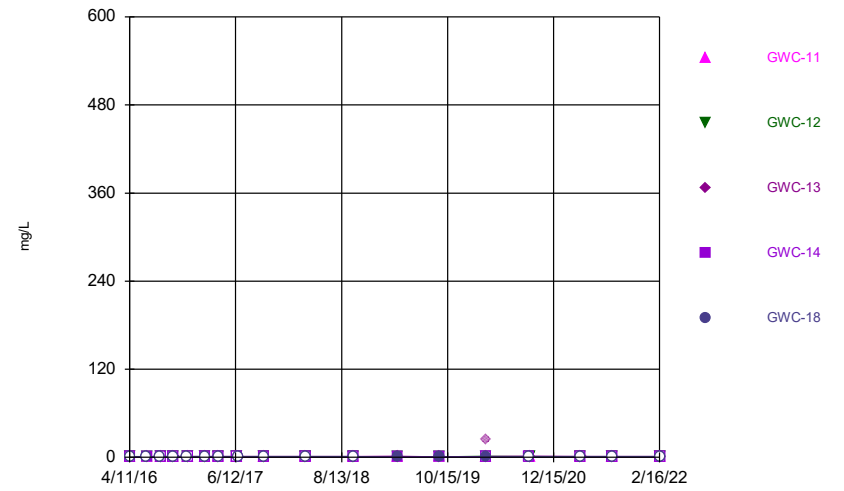
Constituent: Silver Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



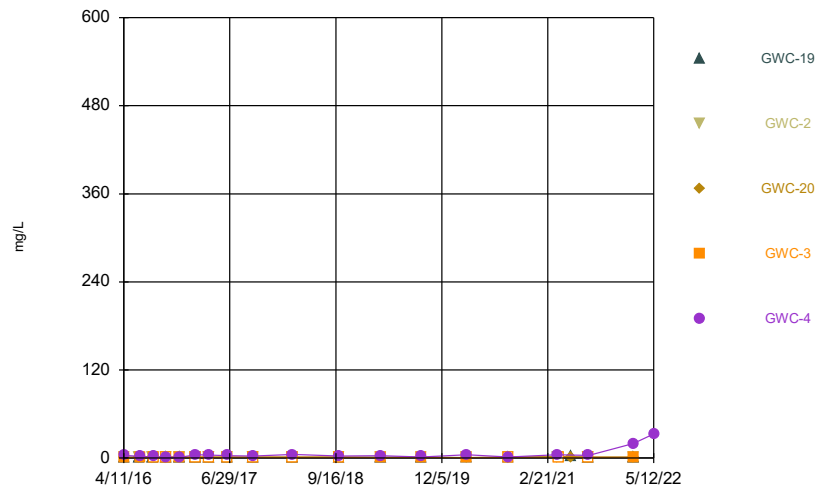
Constituent: Sulfate Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



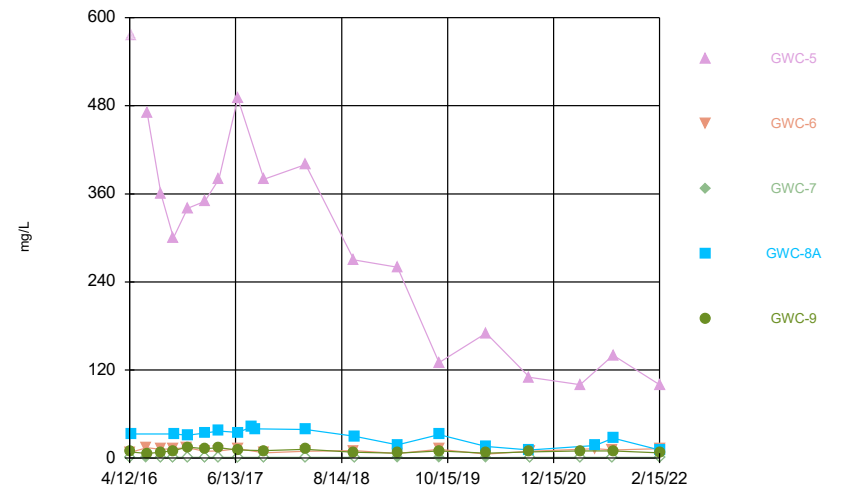
Constituent: Sulfate Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



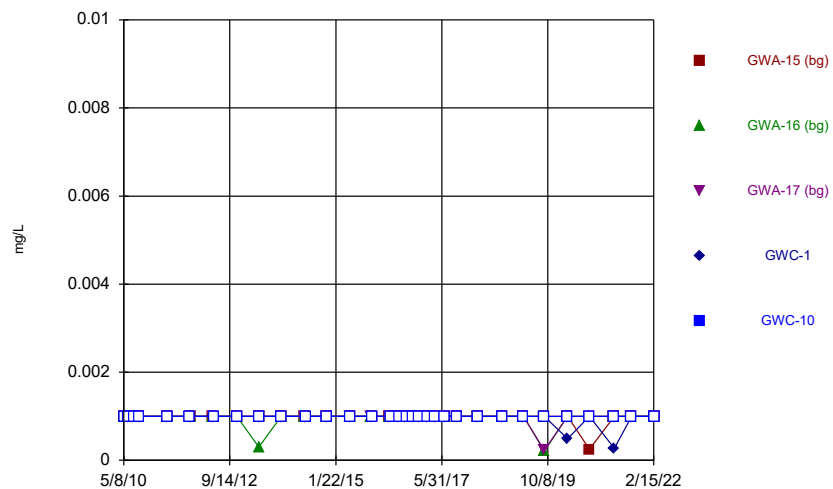
Constituent: Sulfate Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



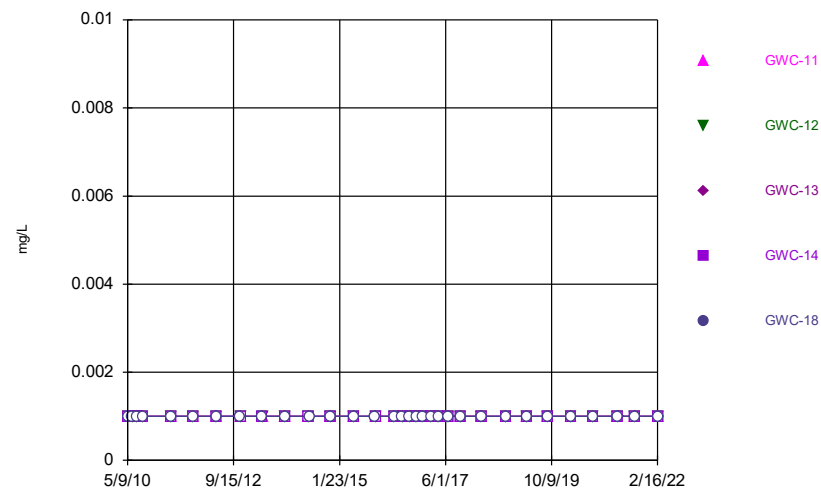
Constituent: Sulfate Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



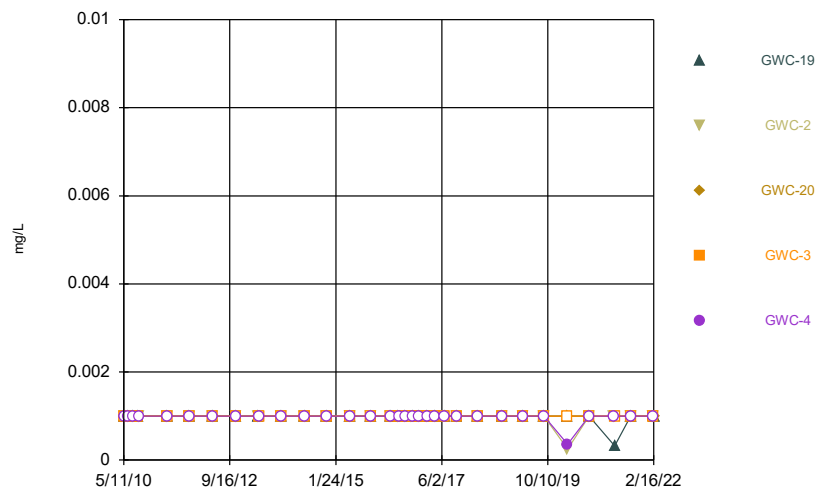
Constituent: Thallium, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



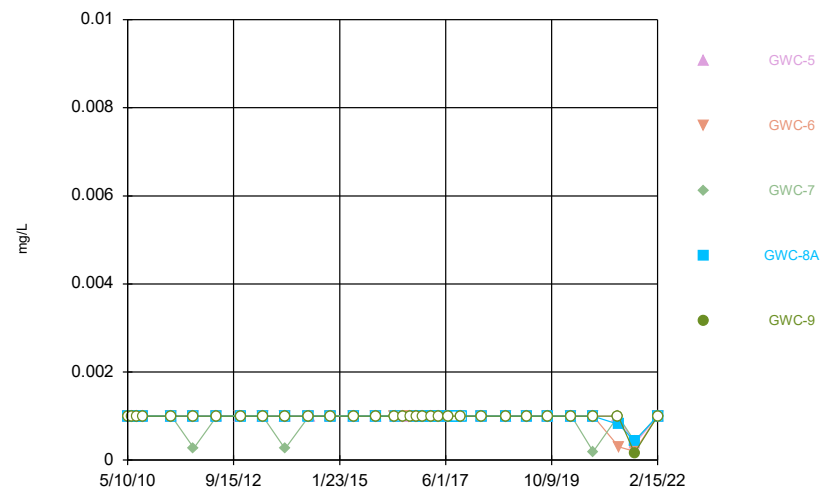
Constituent: Thallium, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



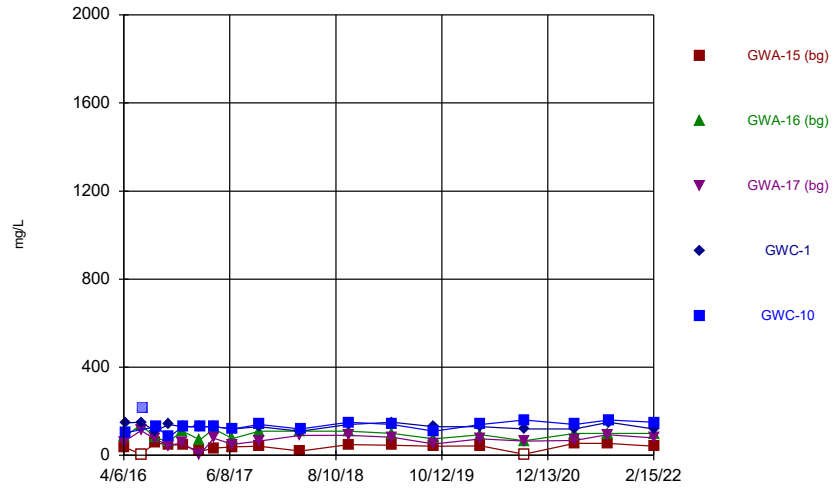
Constituent: Thallium, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



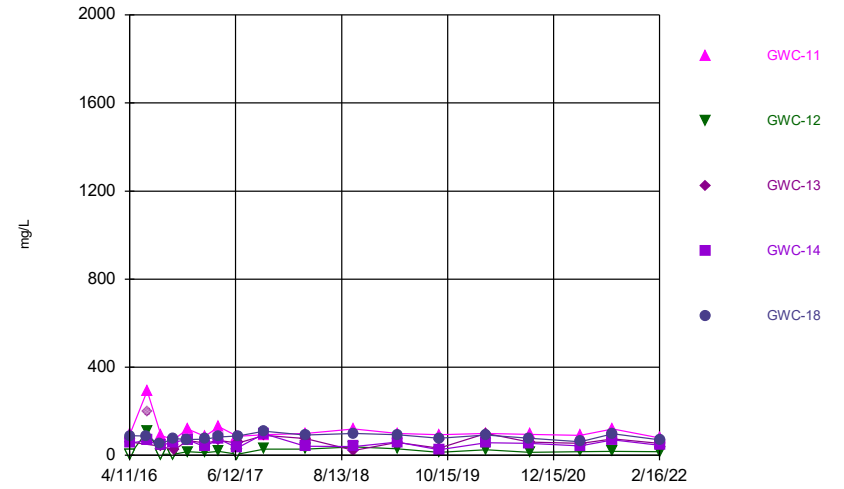
Constituent: Thallium, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



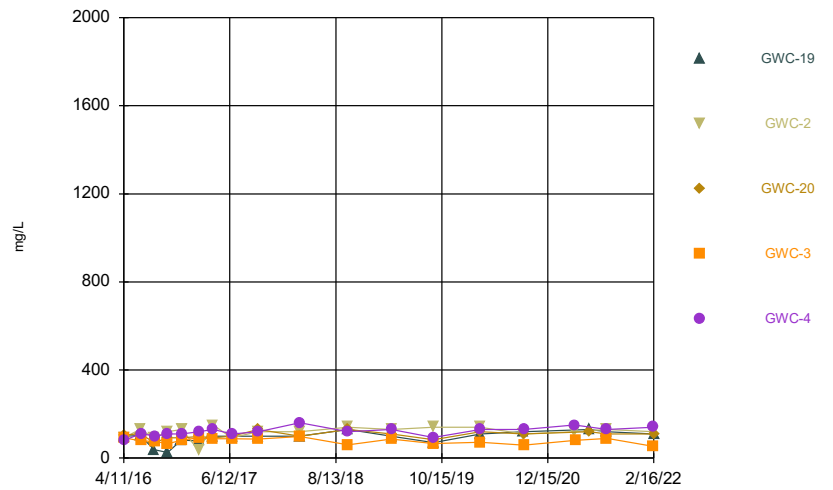
Constituent: Total Dissolved Solids Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



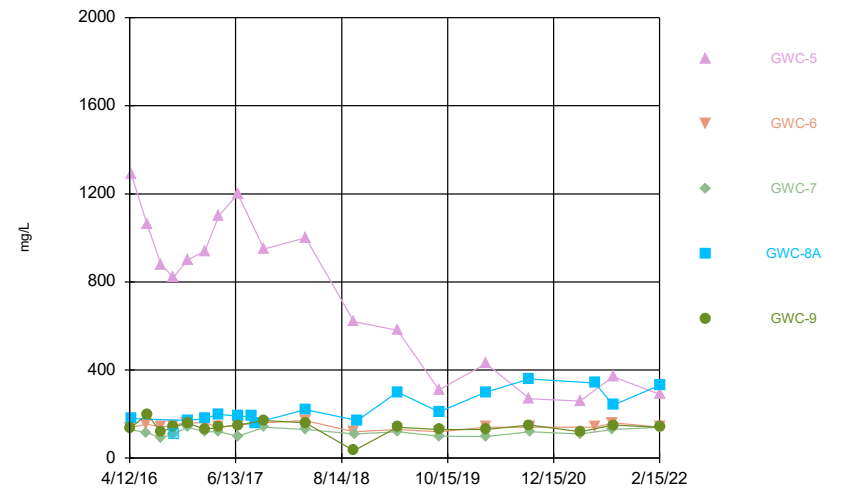
Constituent: Total Dissolved Solids Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



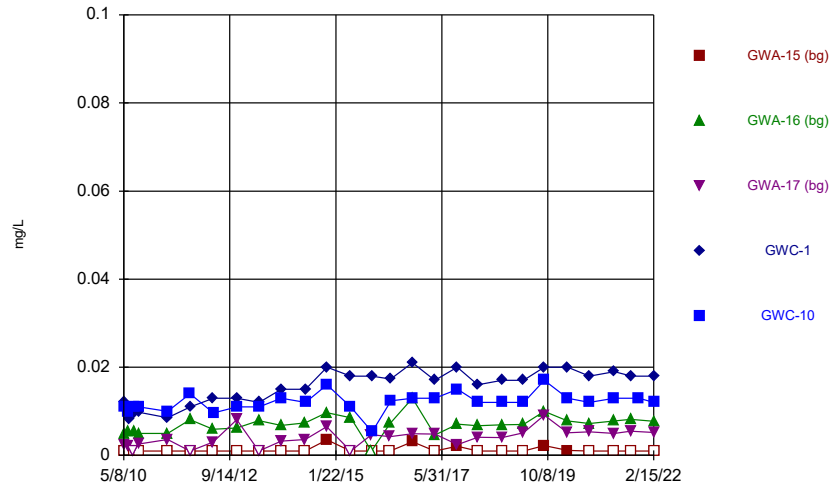
Constituent: Total Dissolved Solids Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



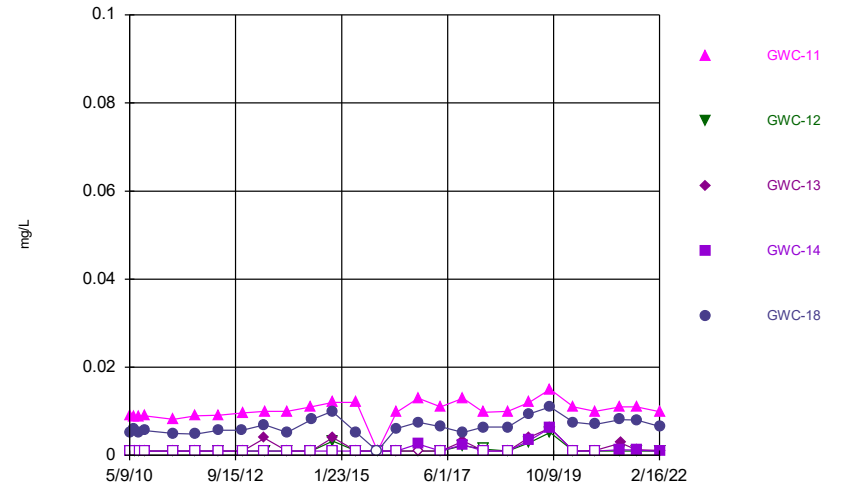
Constituent: Total Dissolved Solids Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



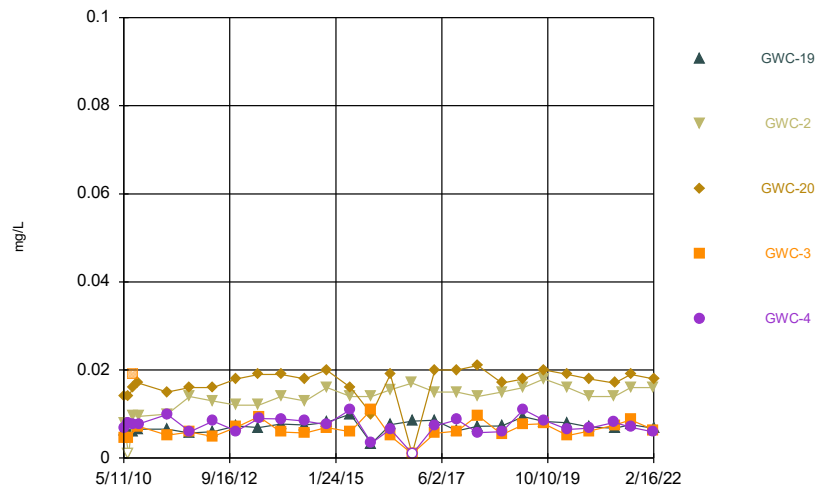
Constituent: Vanadium Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



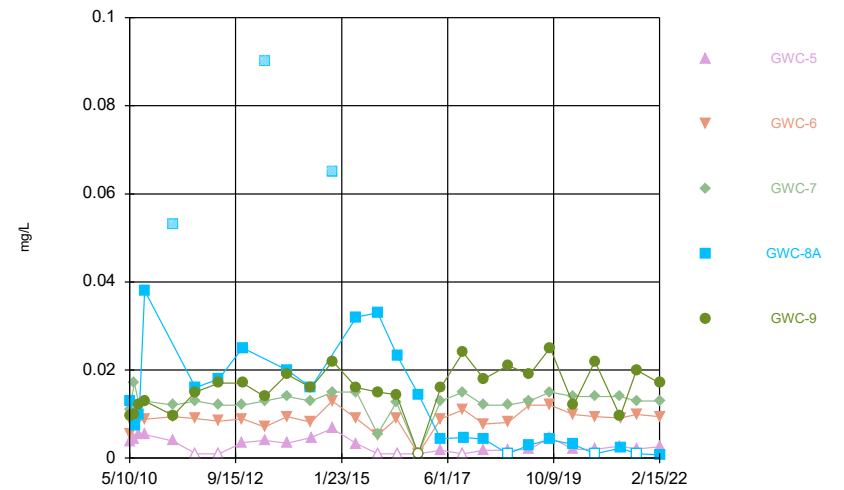
Constituent: Vanadium Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



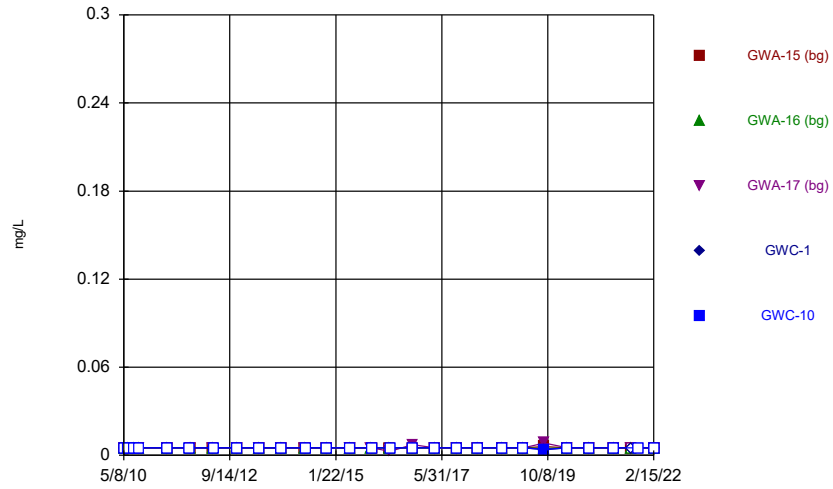
Constituent: Vanadium Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



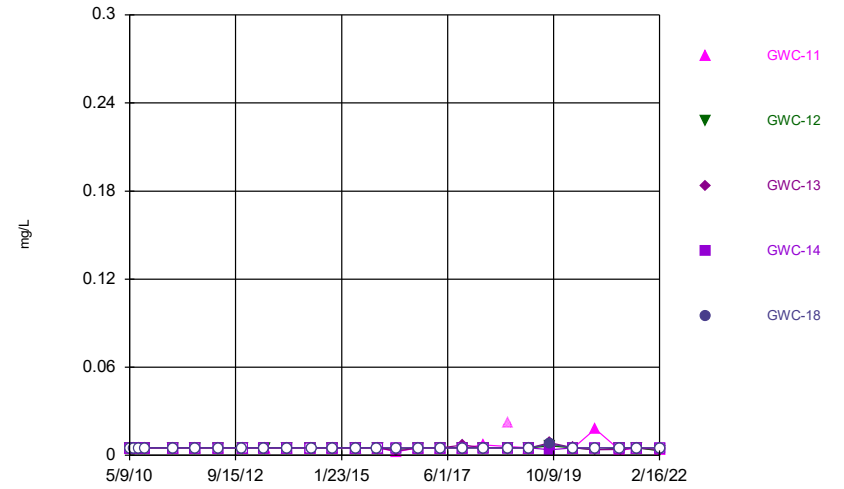
Constituent: Vanadium Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



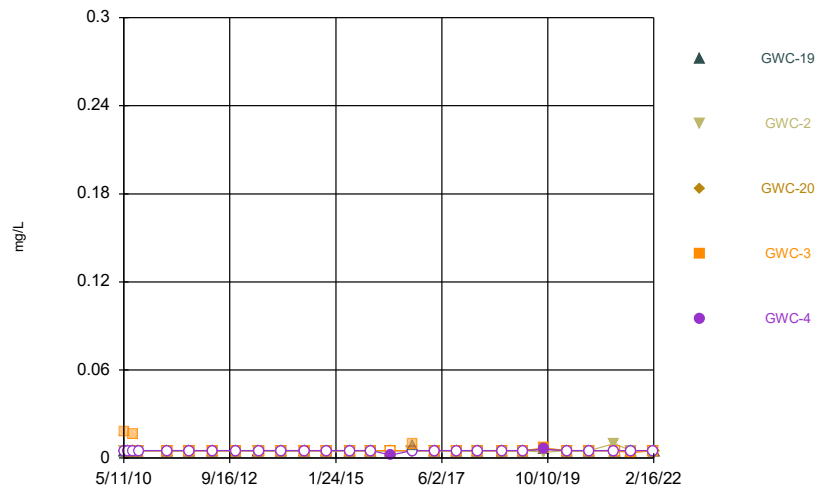
Constituent: Zinc Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



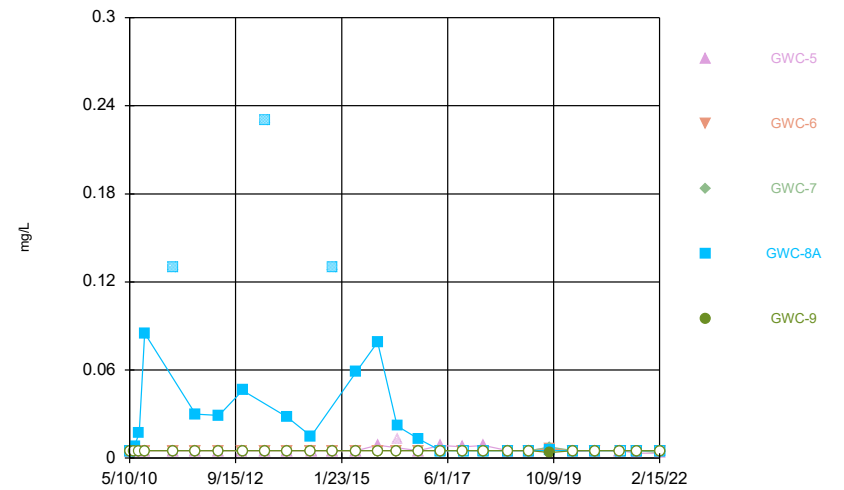
Constituent: Zinc Analysis Run 7/6/2022 8:02 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



Constituent: Zinc Analysis Run 7/6/2022 8:02 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



Constituent: Zinc Analysis Run 7/6/2022 8:02 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/10/2010					<0.002
5/11/2010				<0.002	
6/16/2010		<0.002	<0.002		<0.002
6/17/2010				<0.002	
6/18/2010	<0.002				
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	
7/28/2010	<0.002				<0.002
9/7/2010		<0.002	<0.002		
9/8/2010					<0.002
9/9/2010	<0.002			<0.002	
4/28/2011				<0.002	
4/29/2011		<0.002	<0.002		<0.002
4/30/2011	<0.002				
10/27/2011					<0.002
10/28/2011	<0.002	<0.002	<0.002		
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	
5/4/2012					<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	
11/11/2012					<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/21/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				<0.002
11/13/2014				<0.002	
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	
11/12/2015					<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	
4/13/2016					<0.002 (D)
6/15/2016	<0.002	<0.002	<0.002		
6/16/2016				<0.002	
6/21/2016					<0.002
8/10/2016	<0.002	<0.002	<0.002		
8/11/2016				<0.002	
8/15/2016					<0.002
10/4/2016	<0.002	<0.002		<0.002	
10/5/2016			<0.002		<0.002
11/29/2016		<0.002	<0.002		
11/30/2016	<0.002			<0.002	

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.002
2/7/2017	<0.002	0.001 (J)	<0.002	<0.002	
2/8/2017					<0.002
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
6/20/2017	<0.002	<0.002	<0.002	<0.002	
6/21/2017					<0.002
10/4/2017	<0.002			<0.002	
10/5/2017		<0.002	<0.002		<0.002
3/20/2018	<0.002 (D)	<0.002	<0.002	<0.002	
3/21/2018					<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	
3/27/2019					<0.002
9/10/2019	<0.002	<0.002	<0.002	<0.002	
9/11/2019					<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	<0.002	<0.002	<0.002	<0.002
8/11/2021	<0.002	<0.002	<0.002		
8/17/2021					<0.002
8/18/2021				<0.002	
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	<0.002	<0.002	
5/10/2010	<0.002				<0.002
6/16/2010	<0.002				<0.002
6/18/2010		<0.002	<0.002	<0.002	
7/26/2010					<0.002
7/27/2010	<0.002	<0.002			
7/28/2010				<0.002	
7/29/2010			<0.002		
9/7/2010					<0.002
9/8/2010	<0.002	<0.002			
9/9/2010			<0.002	<0.002	
4/26/2011			<0.002		
4/29/2011	<0.002	<0.002			<0.002
4/30/2011				<0.002	
10/27/2011	<0.002				
10/28/2011		<0.002	<0.002	<0.002	<0.002
5/2/2012					<0.002
5/3/2012		<0.002		<0.002	
5/4/2012	<0.002		<0.002		
11/9/2012					<0.002
11/10/2012	<0.002	<0.002		<0.002	
11/11/2012			<0.002		
5/8/2013			<0.002	<0.002	<0.002
5/9/2013	<0.002	<0.002			
11/5/2013				<0.002	
11/6/2013	<0.002	<0.002			<0.002
11/7/2013			<0.002		
5/20/2014	<0.002	<0.002	<0.002	<0.002	
5/23/2014					<0.002
11/8/2014					<0.002
11/12/2014	<0.002	<0.002	<0.002	<0.002	
5/22/2015					<0.002
5/23/2015		<0.002			
5/24/2015	<0.002		<0.002	<0.002	
11/10/2015					<0.002
11/11/2015				<0.002	
11/12/2015	<0.002	<0.002	<0.002		
4/11/2016					<0.002
4/13/2016	<0.002 (D)	0.000646 (JD)	<0.002 (D)	<0.002 (D)	
6/16/2016					0.00018 (J)
6/21/2016	<0.002	<0.002	<0.002	<0.002	
8/11/2016					<0.002
8/15/2016	<0.002	<0.002	<0.002	<0.002	
10/4/2016				<0.002	
10/5/2016	<0.002	<0.002			<0.002
10/7/2016			<0.002		
11/29/2016					<0.002
12/1/2016	<0.002	<0.002	<0.002	<0.002	
2/7/2017				<0.002	
2/8/2017	<0.002	<0.002			<0.002
2/9/2017			<0.002		
4/5/2017		<0.002			

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.002		<0.002	<0.002	<0.002
6/20/2017	<0.002	<0.002		<0.002	
6/21/2017					<0.002
6/22/2017			<0.002		
10/5/2017	<0.002	<0.002		<0.002	<0.002
10/6/2017			<0.002		
3/20/2018				<0.002	<0.002
3/21/2018	<0.002	<0.002 (D)			
3/22/2018			<0.002		
10/2/2018	<0.002	<0.002		<0.002	<0.002
10/3/2018			<0.002		
3/26/2019		<0.002	<0.002	<0.002	<0.002
3/27/2019	<0.002				
9/11/2019	<0.002	<0.002	<0.002	<0.002	0.00039 (J)
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020				<0.002	<0.002
9/10/2020	<0.002	<0.002	<0.002		
4/1/2021	<0.002	<0.002		<0.002	<0.002
4/6/2021			<0.002		
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.002	<0.002	<0.002	<0.002	<0.002
6/16/2010	<0.002				
6/17/2010			<0.002	<0.002	<0.002
6/19/2010		<0.002			
7/27/2010	<0.002	<0.002	<0.002		
7/28/2010				<0.002	<0.002
9/7/2010	<0.002		<0.002	<0.002	
9/8/2010					<0.002
9/9/2010		<0.002			
4/28/2011		<0.002			<0.002
4/29/2011	<0.002		<0.002	<0.002	
10/28/2011	<0.002	<0.002	<0.002	<0.002	
10/29/2011					<0.002
5/2/2012	<0.002				
5/3/2012		<0.002	<0.002	<0.002	<0.002
11/9/2012	<0.002	<0.002		<0.002	
11/10/2012			<0.002		<0.002
5/9/2013	<0.002	<0.002	<0.002		
5/10/2013				<0.002	<0.002
11/5/2013		<0.002			
11/6/2013	<0.002		<0.002	<0.002	<0.002
5/22/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002				
11/9/2014			<0.002	<0.002	<0.002
11/13/2014		<0.002			
5/22/2015				<0.002	<0.002
5/23/2015	<0.002				
5/24/2015		<0.002	<0.002		
11/10/2015	<0.002	<0.002	<0.002	<0.002	
11/11/2015		<0.002			<0.002
4/11/2016	<0.002				
4/12/2016		<0.002	<0.002	<0.002 (D)	<0.002
6/16/2016	0.00014 (J)	<0.002	<0.002		
6/20/2016				0.0002 (J)	<0.002
8/11/2016	<0.002	<0.002	<0.002		
8/12/2016				<0.002	<0.002
10/4/2016		<0.002			
10/5/2016	<0.002		<0.002	<0.002	
10/6/2016					<0.002
11/29/2016	<0.002				
11/30/2016		<0.002	<0.002	<0.002	<0.002
2/7/2017		<0.002			
2/8/2017	<0.002		<0.002	<0.002	<0.002
4/5/2017	<0.002				
4/6/2017		<0.002	<0.002	<0.002	<0.002
6/20/2017		<0.002			
6/21/2017	<0.002		<0.002	<0.002	
6/22/2017					<0.002
10/4/2017		<0.002			
10/5/2017	<0.002		<0.002	<0.002	
10/6/2017					<0.002
3/20/2018	<0.002	<0.002			

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002			
10/3/2018			<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2019		0.00042 (J)		<0.002	<0.002
9/12/2019	<0.002		<0.002		
3/18/2020		<0.002		<0.002	
3/19/2020	<0.002		<0.002		<0.002
9/9/2020	<0.002	<0.002			
9/10/2020			<0.002	<0.002	<0.002
4/1/2021		0.0013 (J)			
4/2/2021					<0.002
4/5/2021	<0.002		<0.002		
4/6/2021				<0.002	
8/11/2021	<0.002		<0.002		
8/12/2021		<0.002		<0.002	<0.002
2/15/2022		<0.002		<0.002	<0.002
2/16/2022	<0.002		<0.002		

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.002	<0.002	<0.002
5/11/2010	<0.002	<0.002			
6/16/2010					<0.002
6/18/2010	<0.002	<0.002	<0.002		
6/19/2010				<0.002	
7/27/2010	<0.002	<0.002			<0.002
7/28/2010			<0.002	<0.002	
9/8/2010				<0.002	<0.002
9/9/2010	<0.002	<0.002	<0.002		
4/29/2011	<0.002				<0.002
4/30/2011		<0.002	<0.002	<0.002	
10/27/2011				<0.002	<0.002
10/28/2011	<0.002				
10/29/2011		<0.002	<0.002		
5/3/2012					<0.002
5/4/2012	<0.002	<0.002	<0.002	<0.002	
11/10/2012	<0.002	<0.002	<0.002		
11/11/2012				<0.002	<0.002
5/9/2013	<0.002	<0.002	<0.002		<0.002
5/10/2013				<0.002	
11/6/2013	<0.002				<0.002
11/7/2013		<0.002	<0.002	<0.002	
5/21/2014		<0.002	<0.002	<0.002	<0.002
5/22/2014	<0.002				
11/9/2014	<0.002	<0.002			
11/12/2014			<0.002		<0.002
11/13/2014				<0.002	
5/23/2015				<0.002	<0.002
5/24/2015	<0.002	<0.002	<0.002		
11/11/2015	<0.002	<0.002	<0.002	<0.002	
11/12/2015					<0.002
4/12/2016		<0.002			
4/13/2016			<0.002 (D)		<0.002 (D)
4/19/2016	<0.002			<0.002	
6/20/2016		<0.002	0.0002 (J)		
6/22/2016	<0.002				<0.002
8/12/2016		<0.002			
8/15/2016			<0.002		<0.002
8/16/2016	<0.002				
10/6/2016	<0.002	<0.002	<0.002		<0.002
10/10/2016				<0.002	
11/30/2016		<0.002			
12/1/2016	<0.002		<0.002	<0.002	<0.002
2/8/2017					<0.002
2/9/2017	<0.002	<0.002	<0.002	<0.002	
4/6/2017	<0.002	<0.002			<0.002
4/7/2017			<0.002	<0.002	
6/21/2017	<0.002	<0.002		<0.002	<0.002
6/22/2017			<0.002		
8/15/2017				<0.002	
9/1/2017				<0.002	
10/5/2017	<0.002				<0.002

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.002	<0.002		
10/9/2017				<0.002	
3/21/2018		<0.002			<0.002
3/22/2018	<0.002		<0.002	<0.002	
10/2/2018					<0.002
10/3/2018	<0.002	<0.002			
10/4/2018			<0.002	<0.002	
3/26/2019		<0.002			
3/27/2019	<0.002		<0.002	<0.002	<0.002
9/11/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/18/2020	<0.002	<0.002		<0.002	<0.002
3/19/2020			<0.002		
9/9/2020	<0.002			<0.002	<0.002
9/10/2020		<0.002	<0.002		
4/1/2021	<0.002		<0.002		<0.002
4/5/2021		<0.002		<0.002	
8/11/2021		<0.002	<0.002		
8/12/2021	<0.002			<0.002	<0.002
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				6E-05 (J)	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		0.00079	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	
6/21/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	0.00032 (J)	0.00049 (J)	0.00069 (J)	0.00033 (J)	
9/11/2019					0.00055 (J)
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<0.001	<0.001	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
11/29/2016					<0.001
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	0.00045 (J)	0.00038 (J)	0.00042 (J)	0.00045 (J)	0.00043 (J)
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001		<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	5.1E-05 (J)	5.5E-05 (J)	5.4E-05 (J)		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				0.00053 (J)	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
6/20/2017		<0.001			
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017					<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			0.00078	0.00089	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		0.00038 (J)		0.00032 (J)	0.00032 (J)
9/12/2019	<0.001		<0.001		
3/18/2020		<0.001		<0.001	
3/19/2020	<0.001		<0.001		<0.001
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	<0.001		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		<0.001	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<0.001		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				<0.001	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	<0.001	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		6.3E-05 (J)	<0.001		
6/22/2016	0.0008				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	<0.001	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	0.00115 (D)	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		0.0014	<0.001
6/22/2017			<0.001		
8/15/2017				0.00086	
9/1/2017				0.00075	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				0.0013	
3/21/2018		<0.001			<0.001
3/22/2018	0.00046 (J)		<0.001	0.00075	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	0.0012	0.00062
9/11/2019	0.00038 (J)	0.00041 (J)	0.00038 (J)	0.001 (J)	0.00055 (J)
3/18/2020	<0.001	<0.001		0.00042 (J)	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			0.00092 (J)	<0.001
9/10/2020		<0.001	<0.001		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		0.00097 (J)	
8/11/2021		<0.001	<0.001		
8/12/2021	<0.001			0.00081 (J)	<0.001
2/15/2022	<0.001	<0.001	<0.001	0.00047 (J)	<0.001

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.048 (J)		
5/9/2010	0.01 (J)	0.031 (J)			
5/10/2010					0.024 (J)
5/11/2010				0.054 (J)	
6/16/2010		0.029 (J)	0.044 (J)		0.022 (J)
6/17/2010				0.054 (J)	
6/18/2010	0.01 (J)				
7/26/2010			0.042 (J)		
7/27/2010		0.029 (J)		0.054 (J)	
7/28/2010	0.011 (J)				0.023 (J)
9/7/2010		0.028 (J)	0.04 (J)		
9/8/2010					0.023 (J)
9/9/2010	0.011 (J)			0.046 (J)	
4/28/2011				0.057 (J)	
4/29/2011		0.026 (J)	0.038 (J)		0.022 (J)
4/30/2011	0.0091 (J)				
10/27/2011					0.022
10/28/2011	0.0096 (J)	0.025	0.034		
10/29/2011				0.046	
5/2/2012	0.012	0.025	0.03		
5/3/2012				0.049	
5/4/2012					0.019
11/9/2012	0.012 (V)	0.028 (V)	0.039 (V)	0.045 (V)	
11/11/2012					0.025 (V)
5/8/2013	0.01	0.029	0.034		
5/9/2013				0.053	0.024
11/5/2013	0.0098 (J)			0.045	0.025
11/6/2013		0.026	0.032		
5/20/2014	0.0081 (J)	0.025	0.03		
5/21/2014					0.024
5/23/2014				0.043	
11/8/2014		0.026	0.031		
11/12/2014	0.0098 (J)				0.026
11/13/2014				0.046	
5/22/2015	0.0088 (J)	0.026	0.033		
5/23/2015				0.046	0.026
11/9/2015		0.024	0.034		
11/11/2015	0.011			0.047	
11/12/2015					0.026
4/6/2016	0.00959 (J)	0.026	0.0347		
4/12/2016				0.0474	
4/13/2016					0.0258 (D)
6/15/2016	0.0091 (J)	0.023	0.029		
6/16/2016				0.044	
6/21/2016					0.0286
8/10/2016	0.009	0.022	0.027		
8/11/2016				0.04	
8/15/2016					0.024
10/4/2016	<0.021	0.024		0.048	
10/5/2016			<0.021		<0.021
11/29/2016		0.023	0.024		
11/30/2016	0.011			0.043	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					0.028
2/7/2017	0.0099	0.024	0.029	0.042	
2/8/2017					0.027
4/4/2017	0.0092	0.022	0.03		
4/5/2017				0.041	
4/6/2017					0.027
6/20/2017	0.0099	0.025	0.036	0.046	
6/21/2017					0.031
10/4/2017	0.0098			0.044	
10/5/2017		0.023	0.027		0.029
3/20/2018	0.01	0.023	0.027	0.042	
3/21/2018					<0.021 (X)
10/2/2018	0.0099	0.023	0.027	0.043	0.029
3/26/2019	0.0099	0.024	0.031	0.044	
3/27/2019					0.027
9/10/2019	0.011	0.039	0.051	0.046	
9/11/2019					0.033
3/18/2020	0.01	0.027	0.031	0.049	0.036
9/9/2020	0.01	0.024	0.033	0.046	0.036
4/1/2021	0.0092 (J)	0.024	0.029	0.047	0.034
8/11/2021	0.01	0.023	0.029		
8/18/2021				0.049	
10/18/2021					0.031
2/15/2022	0.012	0.024	0.031	0.052	0.036

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		0.017 (J)	0.029 (J)	0.01 (J)	
5/10/2010	0.018 (J)				0.039 (J)
6/16/2010	0.018 (J)				0.041 (J)
6/18/2010		0.014 (J)	0.028 (J)	0.0097 (J)	
7/26/2010					0.04 (J)
7/27/2010	0.018 (J)	0.015 (J)			
7/28/2010				0.0096 (J)	
7/29/2010			0.029 (J)		
9/7/2010					0.038 (J)
9/8/2010	0.017 (J)	0.013 (J)			
9/9/2010			0.028 (J)	0.01 (J)	
4/26/2011			0.038 (J)		
4/29/2011	0.016 (J)	0.016 (J)			0.034 (J)
4/30/2011				0.0096 (J)	
10/27/2011	0.015				
10/28/2011		0.013	0.026	0.0064 (O)	0.035
5/2/2012					0.038
5/3/2012		0.012		0.0054 (O)	
5/4/2012	0.014		0.024		
11/9/2012					0.035 (V)
11/10/2012	0.016 (V)	0.015 (V)		0.0094 (J)	
11/11/2012			0.027 (V)		
5/8/2013			0.045	0.0093 (J)	0.037
5/9/2013	0.016	0.015			
11/5/2013				0.009 (J)	
11/6/2013	0.016	0.015			0.036 (V)
11/7/2013			0.026		
5/20/2014	0.016	0.015	0.024	0.009 (J)	
5/23/2014					0.036
11/8/2014					0.038
11/12/2014	0.017	0.018	0.029	0.0098 (J)	
5/22/2015					0.035
5/23/2015		0.016			
5/24/2015	0.017		0.027	0.0096 (J)	
11/10/2015					0.032
11/11/2015				0.0092 (J)	
11/12/2015	0.016	0.015	0.029		
4/11/2016					0.0352
4/13/2016	0.0159 (D)	0.0166 (D)	0.029 (D)	0.00929 (JD)	
6/16/2016					0.033
6/21/2016	0.018	0.0173	0.0306	0.0106	
8/11/2016					0.035
8/15/2016	0.015	0.015	0.026	0.0077	
10/4/2016				<0.021	
10/5/2016	<0.021	<0.021			<0.021
10/7/2016			0.031		
11/29/2016					0.034
12/1/2016	0.016	0.016	0.031	0.0089	
2/7/2017				0.0089	
2/8/2017	0.015	0.016			0.032
2/9/2017			0.032		
4/5/2017		0.016			

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.016		0.029	0.0085	0.031
6/20/2017	0.016	0.017		0.0097	
6/21/2017					0.035
6/22/2017			0.034		
10/5/2017	0.016	0.017		0.0096	0.034
10/6/2017			0.031		
3/20/2018				0.0091	0.033
3/21/2018	<0.021 (X)	<0.021 (X)			
3/22/2018			0.034		
10/2/2018	0.016	0.016		0.0096	0.032
10/3/2018			0.03		
3/26/2019		0.017	0.035	0.0092	0.033
3/27/2019	0.015				
9/11/2019	0.017	0.017	0.035	0.011	0.035
3/18/2020	0.019	0.018	0.058	0.0099 (J)	0.036
9/9/2020				0.01	0.036
9/10/2020	0.02	0.019	0.037		
4/1/2021	0.018	0.018		0.0095 (J)	0.035
4/6/2021			0.038		
8/11/2021	0.017	0.018	0.037	0.012	0.037
2/16/2022	0.018	0.018	0.035	0.011	0.034

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.018 (J)	0.048 (J)	0.032 (J)	0.039	0.031 (J)
6/16/2010	0.017 (J)				
6/17/2010			0.031 (J)	0.017	0.033 (J)
6/19/2010		0.033 (J)			
7/27/2010	0.016 (J)	0.047 (J)	0.035 (J)		
7/28/2010				0.071 (O)	0.033 (J)
9/7/2010	0.017 (J)		0.032 (J)	0.026	
9/8/2010					0.033 (J)
9/9/2010		0.045 (J)			
4/28/2011		0.048 (J)			0.039 (J)
4/29/2011	0.018 (J)		0.031 (J)	0.016	
10/28/2011	0.016	0.044	0.03	0.014	
10/29/2011					0.029
5/2/2012	0.018				
5/3/2012		0.047	0.032	0.017	0.036
11/9/2012	0.017 (V)	0.055 (V)		0.022 (V)	
11/10/2012			0.028 (V)		0.032 (V)
5/9/2013	0.017	0.049	0.029		
5/10/2013				0.025	0.035
11/5/2013		0.045			
11/6/2013	0.018 (V)		0.03 (V)	0.015	0.037
5/22/2014	0.016	0.04	0.029	0.016	0.031
11/8/2014	0.018				
11/9/2014			0.032	0.017	0.034
11/13/2014		0.045			
5/22/2015				0.017	0.039
5/23/2015	0.018				
5/24/2015		0.045	0.029		
11/10/2015	0.017		0.026	0.018	
11/11/2015		0.045			0.042
4/11/2016	0.0191				
4/12/2016		0.0519	0.033	0.0169 (D)	0.0386
6/16/2016	0.017	0.045	0.028		
6/20/2016				0.014	0.031
8/11/2016	0.015	0.04	0.026		
8/12/2016				0.018	0.033
10/4/2016		0.044			
10/5/2016	<0.021		0.03	0.015	
10/6/2016					0.042
11/29/2016	0.017				
11/30/2016		0.044	0.03	0.018	0.04
2/7/2017		0.044			
2/8/2017	0.017		0.033	0.018	0.042
4/5/2017	0.017				
4/6/2017		0.041	0.033	0.017	0.041
6/20/2017		0.045			
6/21/2017	0.019		0.03	0.02	
6/22/2017					0.047
10/4/2017		0.047			
10/5/2017	0.018		0.028	0.017	
10/6/2017					0.045
3/20/2018	0.019	0.045			

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.021 (X)	<0.021 (X)	0.045
10/2/2018	0.018	0.044			
10/3/2018			0.028	0.016	0.042
3/26/2019	0.018	0.045	0.03	0.015	0.053
9/10/2019		0.047		0.014	0.037
9/12/2019	0.026		0.035		
3/18/2020		0.048		0.013	
3/19/2020	0.025		0.032		0.045
9/9/2020	0.026	0.047			
9/10/2020			0.031	0.015	0.045
4/1/2021		0.044			
4/2/2021					0.047
4/5/2021	0.028		0.029		
4/6/2021				0.014	
8/11/2021	0.031		0.031		
8/12/2021		0.048		0.019	0.049
2/15/2022		0.048		0.013	0.055
2/16/2022	0.027		0.03		
5/12/2022					0.06 (R)

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.029 (J)	0.05 (J)	0.026 (J)
5/11/2010	0.034 (J)	0.053 (J)			
6/16/2010					0.026 (J)
6/18/2010	0.028 (J)	0.055 (J)	0.044 (J)		
6/19/2010				0.045 (J)	
7/27/2010	0.026 (J)	0.053 (J)			0.029 (J)
7/28/2010			0.028 (J)	0.046 (J)	
9/8/2010				0.071 (J)	0.027 (J)
9/9/2010	0.022 (J)	0.05 (J)	0.029 (J)		
4/29/2011	0.016 (J)				0.02 (J)
4/30/2011		0.05 (J)	0.025 (J)	0.098 (J)	
10/27/2011				0.048	0.02
10/28/2011	0.014				
10/29/2011		0.045	0.026		
5/3/2012					0.021
5/4/2012	0.017	0.051	0.032	0.055	
11/10/2012	0.014 (V)	0.048 (V)	0.028 (V)		
11/11/2012				0.05 (V)	0.028 (V)
5/9/2013	0.016	0.048	0.03		0.026
5/10/2013				0.12	
11/6/2013	0.016				0.026
11/7/2013		0.049	0.031	0.044	
5/21/2014		0.048	0.029	0.037	0.023
5/22/2014	0.016				
11/9/2014	0.018	0.053			
11/12/2014			0.031		0.038
11/13/2014				0.085	
5/23/2015				0.054	0.021
5/24/2015	0.11	0.061	0.039		
11/11/2015	0.12	0.063	0.032	0.059	
11/12/2015					0.02
4/12/2016		0.0626			
4/13/2016			0.0328 (D)		0.0164 (D)
4/19/2016	0.099			0.0415	
6/20/2016		0.057	0.03		
6/22/2016	0.074				0.0238
8/12/2016		0.053			
8/15/2016			0.033		0.02
8/16/2016	0.045				
10/6/2016	0.046	0.053	0.032		0.021
10/10/2016				0.034	
11/30/2016		0.06			
12/1/2016	0.046		0.034	0.037	0.025
2/8/2017					0.017
2/9/2017	0.055	0.054	0.032	0.043	
4/6/2017	0.057	0.055			0.019
4/7/2017			0.031	0.019	
6/21/2017	0.062	0.063		0.017	0.026
6/22/2017			0.035		
8/15/2017				0.021	
9/1/2017				0.02	
10/5/2017	0.052				0.022

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		0.054	0.034		
10/9/2017				0.019	
3/21/2018		0.056			<0.021 (X)
3/22/2018	0.048		0.035	0.019	
10/2/2018					0.023
10/3/2018	0.036	0.051			
10/4/2018			0.031	0.012	
3/26/2019		0.052			
3/27/2019	0.038		0.033	0.025	0.018
9/11/2019	0.039	0.059	0.035	0.022	0.028
3/18/2020	0.04	0.05		0.043	0.013
3/19/2020			0.036		
9/9/2020	0.033			0.053	0.025
9/10/2020		0.056	0.039		
4/1/2021	0.04		0.036		0.018
4/5/2021		0.054		0.045	
8/11/2021		0.054	0.036		
8/12/2021	0.036			0.026	0.023
2/15/2022	0.038	0.057	0.035	0.048	0.023

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		<0.0025	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<0.0025	<0.0025	<0.0025		
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	0.0021	<0.0025	
11/11/2012					<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<0.0025
4/4/2017	<0.0025	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	<0.0025	<0.0025	<0.0025	<0.0025	
6/21/2017					<0.0025
10/4/2017	<0.0025			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	<0.0025 (D)	<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
10/2/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	
3/27/2019					<0.0025
9/10/2019	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2019					<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/11/2021	<0.0025	<0.0025	<0.0025		
8/17/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<0.0025	<0.0025	
7/26/2010					<0.0025
7/27/2010	<0.0025	<0.0025			
7/28/2010				<0.0025	
7/29/2010			<0.0025		
9/7/2010					<0.0025
9/8/2010	<0.0025	<0.0025			
9/9/2010			<0.0025	<0.0025	
4/26/2011			<0.0025		
4/29/2011	<0.0025	<0.0025			<0.0025
4/30/2011				<0.0025	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<0.0025		<0.0025	
11/11/2012			<0.0025		
5/8/2013			<0.0025	<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025			
11/5/2013				<0.0025	
11/6/2013	<0.0025	<0.0025			<0.0025
11/7/2013			<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					<0.0025
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	<0.0025	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	<0.0025			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	<0.0025		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	<0.0025		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025 (D)			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020				<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025	<0.0025		
4/1/2021	<0.0025	<0.0025		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				<0.0025	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	<0.0025	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	<0.0025		
6/20/2016				<0.0025	<0.0025
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				<0.0025	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					<0.0025
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	<0.0025	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	<0.0025	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019		<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025		<0.0025		
3/18/2020		<0.0025		<0.0025	
3/19/2020	<0.0025		<0.0025		<0.0025
9/9/2020	<0.0025	<0.0025			
9/10/2020			<0.0025	<0.0025	<0.0025
4/1/2021		<0.0025			
4/2/2021					<0.0025
4/5/2021	<0.0025		<0.0025		
4/6/2021				<0.0025	
8/11/2021	<0.0025		<0.0025		
8/12/2021		<0.0025		<0.0025	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<0.0025		
6/19/2010				<0.0025	
7/27/2010	<0.0025	<0.0025			<0.0025
7/28/2010			<0.0025	<0.0025	
9/8/2010				<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	<0.0025	
10/27/2011				<0.0025	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				<0.0025	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	<0.0025	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				<0.0025	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			<0.0025	
6/20/2016		<0.0025	<0.0025		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	<0.0025	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	<0.0025	
6/21/2017	<0.0025	<0.0025		<0.0025	<0.0025
6/22/2017			<0.0025		
8/15/2017				<0.0025	
9/1/2017				<0.0025	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				<0.0025	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0025	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	<0.0025	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025		<0.0025	<0.0025
3/19/2020			<0.0025		
9/9/2020	<0.0025			<0.0025	<0.0025
9/10/2020		<0.0025	0.00018 (J)		
4/1/2021	<0.0025		<0.0025		<0.0025
4/5/2021		<0.0025		0.00038 (J)	
8/11/2021		<0.0025	<0.0025		
8/12/2021	0.00022 (J)			<0.0025	<0.0025
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Boron (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	<0.08	<0.08	<0.08		
4/12/2016				<0.08	
4/13/2016					<0.08 (D)
6/15/2016	<0.08	<0.08	0.0028 (J)		
6/16/2016				<0.08	
6/21/2016					<0.08
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	
8/15/2016					<0.08
10/4/2016	<0.08	<0.08		<0.08	
10/5/2016			<0.08		<0.08
11/29/2016		<0.08	<0.08		
11/30/2016	<0.08			<0.08	
12/1/2016					<0.08
2/7/2017	<0.08	<0.08	<0.08	<0.08	
2/8/2017					<0.08
4/4/2017	<0.08	<0.08	<0.08		
4/5/2017				<0.08	
4/6/2017					<0.08
6/20/2017	<0.08	<0.08	<0.08	<0.08	
6/21/2017					<0.08
10/4/2017	<0.08			<0.08	
10/5/2017		<0.08	<0.08		<0.08
3/20/2018	<0.08 (D)	<0.08	<0.08	<0.08	
3/21/2018					<0.08
10/2/2018	<0.08	<0.08	<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	
3/27/2019					<0.08
9/10/2019	<0.08	<0.08	<0.08	<0.08	
9/11/2019					<0.08
3/18/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020	<0.08	<0.08	<0.08	<0.08	<0.08
4/1/2021	<0.08	<0.08	<0.08	0.053 (J)	<0.08
8/11/2021	<0.08	<0.08	<0.08		
8/17/2021					<0.08
8/18/2021				<0.08	
2/15/2022	<0.08	<0.08	<0.08	<0.08	<0.08

Time Series

Constituent: Boron (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					<0.08
4/13/2016	<0.08 (D)	<0.08 (D)	<0.08 (D)	<0.08 (D)	
6/16/2016					<0.08
6/21/2016	<0.08	<0.08	<0.08	<0.08	
8/11/2016					<0.08
8/15/2016	<0.08	<0.08	<0.08	<0.08	
10/4/2016				<0.08	
10/5/2016	<0.08	<0.08			<0.08
10/7/2016			<0.08		
11/29/2016					<0.08
12/1/2016	<0.08	<0.08	<0.08	<0.08	
2/7/2017				<0.08	
2/8/2017	<0.08	<0.08			<0.08
2/9/2017			<0.08		
4/5/2017		<0.08			
4/6/2017	<0.08		<0.08	<0.08	<0.08
6/20/2017	<0.08	<0.08		<0.08	
6/21/2017					<0.08
6/22/2017			<0.08		
10/5/2017	<0.08	<0.08		<0.08	<0.08
10/6/2017			<0.08		
3/20/2018				<0.08	<0.08
3/21/2018	<0.08	<0.08 (D)			
3/22/2018			<0.08		
10/2/2018	<0.08	<0.08		<0.08	<0.08
10/3/2018			<0.08		
3/26/2019		<0.08	<0.08	<0.08	<0.08
3/27/2019	<0.08				
9/11/2019	<0.08	<0.08	<0.08	<0.08	<0.08
3/18/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020				<0.08	<0.08
9/10/2020	<0.08	<0.08	<0.08		
4/1/2021	<0.08	<0.08		<0.08	<0.08
4/6/2021			0.056 (J)		
8/11/2021	<0.08	<0.08	<0.08	<0.08	<0.08
2/16/2022	<0.08	<0.08	<0.08	<0.08	<0.08

Time Series

Constituent: Boron (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	<0.08				
4/12/2016		<0.08	<0.08	<0.08 (D)	<0.08
6/16/2016	<0.08	<0.08	<0.08		
6/20/2016				<0.08	<0.08
8/11/2016	<0.08	<0.08	<0.08		
8/12/2016				<0.08	<0.08
10/4/2016		<0.08			
10/5/2016	<0.08		<0.08	<0.08	
10/6/2016					<0.08
11/29/2016	<0.08				
11/30/2016		<0.08	<0.08	<0.08	<0.08
2/7/2017		<0.08			
2/8/2017	<0.08		<0.08	<0.08	<0.08
4/5/2017	<0.08				
4/6/2017		<0.08	<0.08	<0.08	<0.08
6/20/2017		<0.08			
6/21/2017	<0.08		<0.08	<0.08	
6/22/2017					<0.08
10/4/2017		<0.08			
10/5/2017	<0.08		<0.08	<0.08	
10/6/2017					<0.08
3/20/2018	<0.08	<0.08			
3/21/2018			<0.08	<0.08	<0.08
10/2/2018	<0.08	<0.08			
10/3/2018			<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	<0.08
9/10/2019		<0.08		<0.08	<0.08
9/12/2019	<0.08		<0.08		
3/18/2020		<0.08		<0.08	
3/19/2020	<0.08		<0.08		<0.08
9/9/2020	<0.08	<0.08			
9/10/2020			<0.08	<0.08	<0.08
4/1/2021		<0.08			
4/2/2021					<0.08
4/5/2021	<0.08		<0.08		
4/6/2021				0.078 (J)	
8/11/2021	<0.08		<0.08		
8/12/2021		<0.08		<0.08	<0.08
2/15/2022		<0.08		<0.08	<0.08
2/16/2022	<0.08		<0.08		

Time Series

Constituent: Boron (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		<0.08			
4/13/2016			<0.08 (D)		0.0774 (JD)
4/19/2016	<0.08			0.145	
6/20/2016		<0.08	<0.08		
6/22/2016	0.238				0.0663 (J)
8/12/2016		<0.08			
8/15/2016			<0.08		0.093
8/16/2016	0.39				
10/6/2016	0.34	<0.08	<0.08		0.096
10/10/2016				0.12	
11/30/2016		<0.08			
12/1/2016	0.37		<0.08	0.12	0.12
2/8/2017					0.094
2/9/2017	0.38	<0.08	<0.08	0.13	
4/6/2017	0.4	<0.08			0.11
4/7/2017			<0.08	0.21	
6/21/2017	0.39	<0.08		0.23	0.1
6/22/2017			<0.08		
8/15/2017				0.27	
9/1/2017				0.24	
10/5/2017	0.47				0.083
10/6/2017		<0.08	<0.08		
3/21/2018		<0.08			0.089
3/22/2018	0.48		<0.08	0.25	
10/2/2018					0.083
10/3/2018	0.47	<0.08			
10/4/2018			<0.08	0.21	
3/26/2019		<0.08			
3/27/2019	0.33		<0.08	0.16	0.067
9/11/2019	0.31	<0.08	<0.08	0.21	0.083
3/18/2020	0.26	<0.08		0.16	0.058 (J)
3/19/2020			<0.08		
9/9/2020	0.24			0.13	0.088
9/10/2020		<0.08	<0.08		
4/1/2021	0.23		<0.08		0.059 (J)
4/5/2021		0.042 (J)		0.18	
8/11/2021		0.057 (J)	0.056 (J)		
8/12/2021	0.19			0.23	0.1
2/15/2022	0.19	<0.08	<0.08	0.13	0.07 (J)

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		<0.0025	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<0.0025	<0.0025	<0.0025		
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/11/2012					<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<0.0025
4/4/2017	<0.0025	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	<0.0025	<0.0025	<0.0025	<0.0025	
6/21/2017					<0.0025
10/4/2017	<0.0025			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	<0.0025 (D)	<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
10/2/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	
3/27/2019					<0.0025
9/10/2019	<0.0025	<0.0025	0.00013 (J)	<0.0025	
9/11/2019					<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/11/2021	<0.0025	<0.0025	<0.0025		
8/17/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<0.0025	<0.0025	
7/26/2010					<0.0025
7/27/2010	<0.0025	<0.0025			
7/28/2010				<0.0025	
7/29/2010			<0.0025		
9/7/2010					<0.0025
9/8/2010	<0.0025	<0.0025			
9/9/2010			<0.0025	<0.0025	
4/26/2011			<0.0025		
4/29/2011	<0.0025	<0.0025			<0.0025
4/30/2011				<0.0025	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<0.0025		<0.0025	
11/11/2012			<0.0025		
5/8/2013			<0.0025	<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025			
11/5/2013				<0.0025	
11/6/2013	<0.0025	<0.0025			<0.0025
11/7/2013			<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					<0.0025
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	<0.0025	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	<0.0025			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	<0.0025		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	<0.0025		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025 (D)			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020				<0.0025	<0.0025
9/10/2020	0.001 (J)	<0.0025	<0.0025		
4/1/2021	<0.0025	<0.0025		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				<0.0025	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	<0.0025	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	<0.0025		
6/20/2016				<0.0025	<0.0025
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				<0.0025	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					<0.0025
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	<0.0025	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	<0.0025	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019		<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025		<0.0025		
3/18/2020		<0.0025		<0.0025	
3/19/2020	<0.0025		<0.0025		<0.0025
9/9/2020	<0.0025	<0.0025			
9/10/2020			<0.0025	<0.0025	<0.0025
4/1/2021		0.00038 (J)			
4/2/2021					<0.0025
4/5/2021	<0.0025		<0.0025		
4/6/2021				<0.0025	
8/11/2021	<0.0025		<0.0025		
8/12/2021		<0.0025		<0.0025	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<0.0025		
6/19/2010				<0.0025	
7/27/2010	<0.0025	<0.0025			<0.0025
7/28/2010			<0.0025	<0.0025	
9/8/2010				0.001	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	0.0014	
10/27/2011				0.0011	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				0.0016	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	0.001	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				<0.0025	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			0.000379 (J)	
6/20/2016		<0.0025	<0.0025		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	<0.0025	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	0.00037 (J)	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	<0.0025	
6/21/2017	<0.0025	<0.0025		<0.0025	<0.0025
6/22/2017			<0.0025		
8/15/2017				<0.0025	
9/1/2017				<0.0025	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				<0.0025	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0025	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	<0.0025	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025		<0.0025	<0.0025
3/19/2020			<0.0025		
9/9/2020	<0.0025			<0.0025	<0.0025
9/10/2020		<0.0025	<0.0025		
4/1/2021	<0.0025		<0.0025		<0.0025
4/5/2021		<0.0025		0.0003 (J)	
8/11/2021		<0.0025	<0.0025		
8/12/2021	<0.0025			<0.0025	<0.0025
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	3.62	12.1	6.58		
4/12/2016				17.1	
4/13/2016					15.6 (D)
6/15/2016	4.5	11.8	6.9		
6/16/2016				19.8	
6/21/2016					14.4
8/10/2016	3.8	10	5.5		
8/11/2016				15	
8/15/2016					14
10/4/2016	5.3	14		17	
10/5/2016			6.8		17
11/29/2016		10	4.8		
11/30/2016	4.7			16	
12/1/2016					15
2/7/2017	3.8	12	7.8	17	
2/8/2017					17
4/4/2017	3.8	11	6.4		
4/5/2017				16	
4/6/2017					16
6/20/2017	4.1	11	7	17	
6/21/2017					16 (D)
10/4/2017	4.6			19	
10/5/2017		13	6.6		19
3/20/2018	4.2 (D)	12	6.6	18	
3/21/2018					17
10/2/2018	4.2	11	5.8	16	17
3/26/2019	4	11	6.7	16	
3/27/2019					16
9/10/2019	4.8	12	7.5	17	
9/11/2019					18
3/18/2020	3.8	12	7.3	19	20
9/9/2020	4	11	7.3	17	20
4/1/2021	4	12	7.8	18	19
8/11/2021	4.1	11	7.3		
8/17/2021					18
8/18/2021				18	
2/15/2022	3.6	10	7.1	16	17

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					10.5
4/13/2016	12.8 (D)	1.18 (D)	5.71 (D)	6.55 (D)	
6/16/2016					11.6
6/21/2016	11.6	1.12	5.54	6.04	
8/11/2016					10
8/15/2016	11	0.95	5.8	5.9	
10/4/2016				6.6	
10/5/2016	14	1			11
10/7/2016			6.1		
11/29/2016					9.6
12/1/2016	12	0.92	5.8	5.4	
2/7/2017				6.1	
2/8/2017	13	1.2			10
2/9/2017			6.3		
4/5/2017		1.1			
4/6/2017	12		5.8	6.1	9.7
6/20/2017	13	0.96		6.6	
6/21/2017					9.7 (D)
6/22/2017			6.4 (D)		
10/5/2017	14	1.1		7.2	11
10/6/2017			7.4		
3/20/2018				6.6	11
3/21/2018	13	1.3 (D)			
3/22/2018			6.8		
10/2/2018	12	0.86		6.5	9.6
10/3/2018			6.4		
3/26/2019		1.1	6.3	6.4	9.6
3/27/2019	12				
9/11/2019	13	0.94	7	7.3	10
3/18/2020	14	1.6	9.3	6.9	11
9/9/2020				6.5	10
9/10/2020	13	1.1	6.7		
4/1/2021	13	1.2		6.2	11
4/6/2021			7.4		
8/11/2021	13	1	6.7	6.9	10
2/16/2022	12	1.1	6.7	6.3	9.7

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	10.4				
4/12/2016		17	13.5	8.52 (D)	11
6/16/2016	12.2	19.7	15		
6/20/2016				7.7	10.1
8/11/2016	9.5	15	12		
8/12/2016				7.3	9.9
10/4/2016		18			
10/5/2016	11		14	8.4	
10/6/2016					12
11/29/2016	9.8				
11/30/2016		16	12	8	11
2/7/2017		18			
2/8/2017	10		14	9.3	13
4/5/2017	10				
4/6/2017		16	13	8.1	12
6/20/2017		17			
6/21/2017	10 (D)		13 (D)	9.2 (D)	
6/22/2017					13 (D)
10/4/2017		19			
10/5/2017	12		15	10	
10/6/2017					15
3/20/2018	12	18			
3/21/2018			14	9.3	15
10/2/2018	11	16			
10/3/2018			13	7.5	13
3/26/2019	11	17	12	7.3	13
9/10/2019		18		6.6	12
9/12/2019	14		14		
3/18/2020		18		5.9	
3/19/2020	14		14		14
9/9/2020	15	17			
9/10/2020			13	6.3	13
4/1/2021		17			
4/2/2021					15
4/5/2021	15		14		
4/6/2021				7.4	
8/11/2021			14		
8/12/2021		17		6.6	13
10/7/2021	17				
2/15/2022		16		6	15
2/16/2022	15		13		

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		17.8			
4/13/2016			14 (D)		18 (D)
4/19/2016	198			20	
6/20/2016		19.5	13.8		
6/22/2016	132				16.7
8/12/2016		17			
8/15/2016			13		16
8/16/2016	94				
10/6/2016	100	19	14		17
10/10/2016				19	
11/30/2016		19			
12/1/2016	100		13	18	17
2/8/2017					18
2/9/2017	120	18	14	20	
4/6/2017	140	18			17
4/7/2017			14	27	
6/21/2017	160 (D)	19 (D)		27 (D)	17 (D)
6/22/2017			14 (D)		
8/15/2017				29	
9/1/2017				32	
10/5/2017	130				19
10/6/2017		19	16		
3/21/2018		19			19
3/22/2018	130		15	30	
10/2/2018					16
10/3/2018	88	16			
10/4/2018			13	37	
3/26/2019		16			
3/27/2019	75		14	47	16
9/11/2019	46	19	14	37	17
3/18/2020	61	15		53	16
3/19/2020			15		
9/9/2020	35			64	16
9/10/2020		16	15		
4/1/2021	40		15		16
4/5/2021		16		52	
8/11/2021		16	14		
8/12/2021	46			37	18
2/15/2022	36	15	13	49	16

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	5.342	1.789	1.69		
4/12/2016				4.32	
4/13/2016					2.04 (D)
6/15/2016	5.2	2.1	1.9		
6/16/2016				3.8	
6/21/2016					2.2
8/10/2016	5.5	1.8	1.7		
8/11/2016				4	
8/15/2016					2.2
10/4/2016	5.4	1.7		3.6	
10/5/2016			1.6		2.1
11/29/2016		1.7	1.7		
11/30/2016	5.4			3.8	
12/1/2016					2.1
2/7/2017	5.1	1.6	1.6	4.3	
2/8/2017					2.3
4/4/2017	5.1	1.6	1.5		
4/5/2017				4.1	
4/6/2017					2.2
6/20/2017	5.2	1.6	1.5	3.9	
6/21/2017					2.3
10/4/2017	5.2			3.6	
10/5/2017		1.5	1.5		2.3
3/20/2018	5.6 (D)	1.5	1.4	3.9	
3/21/2018					2.3
10/2/2018	6.3	1.6	1.5	3.7	2.6
3/26/2019	5.5	1.5	1.3	3.6	
3/27/2019					2.4
9/10/2019	5.2	1.4	1.3	2.9	
9/11/2019					2.9
3/18/2020	5.4	1.7	2	4.2	4.1
9/9/2020	6.1	1.6	1.3	3.9	4.3
4/1/2021	7	1.8	1.5	4.2	4.4
8/11/2021	7.2	1.8	1.4		
8/17/2021					3.1
8/18/2021				4	
2/15/2022	6.5	1.6	1.4	4	4.6

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					2.53
4/13/2016	1.78 (D)	1.8 (D)	1.82 (D)	2.71 (D)	
6/16/2016					2.5
6/21/2016	2	2	1.9	3	
8/11/2016					2.6
8/15/2016	1.9	1.8	1.6	3.1	
10/4/2016				3	
10/5/2016	1.8	1.7			2.5
10/7/2016			1.5		
11/29/2016					2.4
12/1/2016	1.8	1.7	1.4	3.1	
2/7/2017				2.9	
2/8/2017	1.8	1.7			2.5
2/9/2017			1.5		
4/5/2017		1.7			
4/6/2017	1.7		1.4	2.7	2.4
6/20/2017	1.7	1.6		2.9	
6/21/2017					2.4
6/22/2017			1.5		
10/5/2017	1.7	1.6		2.8	2.3
10/6/2017			1.3		
3/20/2018				2.7	2.3
3/21/2018	1.6	1.6 (D)			
3/22/2018			1.4		
10/2/2018	1.7	1.6		3	2.5
10/3/2018			1.5		
3/26/2019		1.7	1.6	2.5	2.7
3/27/2019	1.5				
9/11/2019	1.8	1.9	1.5	3.1	2.6
3/18/2020	1.9	2.1	1.6	3	2.7
9/9/2020				2.9	2.8
9/10/2020	1.9	1.8	1.7		
4/1/2021	1.9	2		3.8	2.8
4/6/2021			1.8		
8/11/2021	1.8	1.8	1.6	3.7	2.9
2/16/2022	1.7	1.9	1.5	3.2	2.7

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	1.84				
4/12/2016		2.34	2.03	3.04 (D)	4.57
6/16/2016	1.9	2.4	2.2		
6/20/2016				3.1	3.1
8/11/2016	1.9	2.4	2.1		
8/16/2016				3.2	3.2
10/4/2016		2.2			
10/5/2016	1.7		1.9	3.2	
10/6/2016					3.4
11/29/2016	1.7				
11/30/2016		2.2	2	3.3	4.1
2/7/2017		2.1			
2/8/2017	1.7		2	3.5	7.2
4/5/2017	1.7				
4/6/2017		2.1	<1	3.4	7.4
6/20/2017		2.1			
6/21/2017	1.7		1.9	3.5	
6/22/2017					7.8
10/4/2017		2			
10/5/2017	1.6		1.9	3.5	
10/6/2017					9.1
3/20/2018	1.6	2			
3/21/2018			1.8	3.4	13
10/2/2018	1.7	2			
10/3/2018			2	3.5	13
3/26/2019	1.8	1.9	1.9	3	9.2
9/10/2019		1.7		2.5	5.1
9/12/2019	1.5		1.6		
3/18/2020		2.4		2.8	
3/19/2020	2.2		2.2		8.7
9/9/2020	2.4	2			
9/10/2020			2.1	2.7	9.7
4/1/2021		2.5			
4/2/2021					11
4/6/2021				2.9	
6/1/2021	2.6		2.1		
8/11/2021	2.8		2.1		
8/12/2021		2.5		3.3	12
2/15/2022		2.2		2.7	11
2/16/2022	2.4		2		

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/13/2016			1.68 (D)		3.64 (D)
4/19/2016	124 (o)			6.9	
6/20/2016		6.8	2		
6/22/2016	81				3.8
8/15/2016			1.8		3.7
8/16/2016	71	7.6			
10/6/2016	68	7.3	1.7		3.4
10/10/2016				7.2	
11/30/2016		7.1			
12/1/2016	74		1.7	7.1	4
2/8/2017					4
2/9/2017	76	5.8	1.7	7.2	
4/6/2017	92	5.7			4
4/7/2017			1.7	7.5	
6/21/2017	100	6.1		7.6	3.3
6/22/2017			1.6		
8/15/2017				7.8	
9/1/2017				7.6	
10/5/2017	67				3.3
10/6/2017		5.1	1.6		
3/21/2018		5.4			3.6
3/22/2018	74		1.6	7	
10/2/2018					3.1
10/3/2018	46	5.7			
10/4/2018			1.7	6.1	
3/26/2019		4.2			
3/27/2019	42		1.7	6.6	3
9/11/2019	19	7.2	2.1	7	3.4
3/18/2020	30	4		8.5	3.4
3/19/2020			2.1		
9/9/2020	8.7			11	3.2
9/10/2020		6.3	2.5		
4/1/2021	18		2.9		4.3
6/1/2021				9.4	
6/2/2021		6.3			
8/11/2021		6.5	3		
8/12/2021	22			7.8	4.1
2/15/2022	16	6.1	2.7	9.1	3.7

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.0032 (J)		
5/9/2010	<0.002	0.003 (J)			
5/10/2010					0.011
5/11/2010				0.0077	
6/16/2010		0.0042 (J)	0.0037 (J)		0.0095
6/17/2010				0.0053	
6/18/2010	<0.002				
7/26/2010			0.0058		
7/27/2010		0.0048 (J)		0.0085	
7/28/2010	<0.002				0.01
9/7/2010		0.0037 (J)	0.0078		
9/8/2010					0.011
9/9/2010	<0.002			0.0076	
4/28/2011				0.0048 (J)	
4/29/2011		0.0046 (J)	0.005		0.0096
4/30/2011	<0.002				
10/27/2011					0.011
10/28/2011	<0.002	0.005	0.0068		
10/29/2011				0.0093	
5/2/2012	<0.002	0.0052	0.0065		
5/3/2012				0.01	
5/4/2012					0.01
11/9/2012	<0.002	0.0054	0.006	0.009	
11/11/2012					0.01
5/8/2013	<0.002	0.0058	0.0074		
5/9/2013				0.0085	0.011
11/5/2013	0.0036			0.015	0.015
11/6/2013		0.0062 (J)	0.0082 (J)		
5/20/2014	<0.002	0.0047 (J)	0.0051 (J)		
5/21/2014					0.013
5/23/2014				0.012	
11/8/2014		0.0064 (J)	0.0074 (J)		
11/12/2014	<0.002				0.012
11/13/2014				0.011	
5/22/2015	<0.002	0.0059 (J)	0.0084 (J)		
5/23/2015				0.012	0.014
11/9/2015		0.0043 (J)	0.009 (J)		
11/11/2015	<0.002			0.014	
11/12/2015					0.016
4/6/2016	<0.002	0.00457 (J)	0.00779 (J)		
4/12/2016				0.0135	
4/13/2016					0.0152 (D)
6/15/2016	<0.002	<0.002	<0.002		
6/16/2016				0.014	
6/21/2016					0.016
8/10/2016	<0.002	0.0042	0.0068		
8/11/2016				0.013	
8/15/2016					0.015
10/4/2016	<0.002	0.0052		0.014	
10/5/2016			0.0076		0.016
11/29/2016		0.004	0.0045		
11/30/2016	<0.002			0.013	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					0.015
2/7/2017	<0.002	0.004	0.0067	0.013	
2/8/2017					0.017
4/4/2017	<0.002	0.0021 (J)	0.0079		
4/5/2017				0.014	
4/6/2017					0.018
6/20/2017	<0.002	0.0046	0.0084	0.013	
6/21/2017					0.017
10/4/2017	<0.002			0.015	
10/5/2017		0.005	0.0061		0.018
3/20/2018	<0.002 (D)	0.0044	0.006	0.013	
3/21/2018					0.017 (J+X)
10/2/2018	<0.002	0.0043	0.0061	0.014	0.018
3/26/2019	<0.002	0.0046	0.0065	0.013	
3/27/2019					0.017
9/10/2019	0.0023 (J)	0.0076	0.012	0.018	
9/11/2019					0.023
3/18/2020	<0.002	0.0044	0.0083	0.014	0.02
9/9/2020	<0.002	0.005	0.0088	0.014	0.018
4/1/2021	<0.002	0.0053	0.0082	0.014	0.02
8/11/2021	<0.002	0.0059	0.0089		
8/18/2021				0.014	
10/18/2021					0.019
2/15/2022	<0.002	0.0056	0.0084	0.011	0.021

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	0.0051	<0.002	
5/10/2010	0.011				0.012
6/16/2010	0.012				0.014
6/18/2010		<0.002	0.0043 (J)	<0.002	
7/26/2010					0.013
7/27/2010	0.012	0.002 (J)			
7/28/2010				<0.002	
7/29/2010			0.0058		
9/7/2010					0.015
9/8/2010	0.011	<0.002			
9/9/2010			0.0052	<0.002	
4/26/2011			0.0025 (J)		
4/29/2011	0.01	<0.002			0.014
4/30/2011				<0.002	
10/27/2011	0.0077				
10/28/2011		<0.002	0.0035 (J)	<0.002	0.014
5/2/2012					0.017
5/3/2012		<0.002		<0.002	
5/4/2012	0.0082		0.0073		
11/9/2012					0.014
11/10/2012	0.007	<0.002		<0.002	
11/11/2012			0.004 (J)		
5/8/2013			0.006	<0.002	0.017
5/9/2013	0.0079	<0.002			
11/5/2013				0.0036	
11/6/2013	0.011	0.0031 (J)			0.017
11/7/2013			0.0068 (J)		
5/20/2014	0.0076 (J)	0.002 (J)	0.0039 (J)	<0.002	
5/23/2014					0.013
11/8/2014					0.018
11/12/2014	0.0071 (J)	<0.002	0.0039 (J)	<0.002	
5/22/2015					0.02
5/23/2015		0.0027 (J)			
5/24/2015	0.0083 (J)		0.004 (J)	<0.002	
11/10/2015					0.013
11/11/2015				<0.002	
11/12/2015	0.0069 (J)	0.0022 (J)	0.0077 (J)		
4/11/2016					0.0139
4/13/2016	0.00804 (JD)	<0.002 (D)	0.0038 (JD)	<0.002 (D)	
6/16/2016					0.014
6/21/2016	0.0086 (J)	0.0012 (J)	0.0035 (J)	0.0006 (J)	
8/11/2016					0.016
8/15/2016	0.0073	0.0021 (J)	0.0034	<0.002	
10/4/2016				<0.002	
10/5/2016	0.0077	0.0013 (J)			0.014
10/7/2016			0.0037		
11/29/2016					0.013
12/1/2016	0.0075	0.0015 (J)	0.0037	<0.002	
2/7/2017				<0.002	
2/8/2017	0.0078	0.0016 (J)			0.013
2/9/2017			0.0038		
4/5/2017		0.0014 (J)			

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.0079		0.0039	<0.002	0.014
6/20/2017	0.0078	0.0015 (J)		<0.002	
6/21/2017					0.013
6/22/2017			0.0042		
10/5/2017	0.0081	0.0015 (J)		<0.002	0.014
10/6/2017			0.0039		
3/20/2018				<0.002	0.014
3/21/2018	<0.002 (X)	<0.002 (XD)			
3/22/2018			0.028 (O)		
10/2/2018	0.0075	0.0012 (J)		<0.002	0.014
10/3/2018			0.0056		
3/26/2019		0.0013 (J)	0.0048	<0.002	0.014
3/27/2019	0.007				
9/11/2019	0.011	0.0036	0.0075	0.0038	0.017
3/18/2020	0.0086	0.0016 (J)	0.008	<0.002	0.014
9/9/2020				<0.002	0.013
9/10/2020	0.009	<0.002	0.0054		
4/1/2021	0.0078	0.0015 (J)		<0.002	0.014
4/6/2021			0.0061		
8/11/2021	0.0078	<0.002	0.0051	<0.002	0.014
2/16/2022	0.0074	<0.002	0.005	<0.002	0.012

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.0039 (J)	0.0051	0.0063	0.01	0.0046 (J)
6/16/2010	0.0049 (J)				
6/17/2010			0.0053	0.0087	0.007
6/19/2010		<0.002			
7/27/2010	0.0047 (J)	0.01	0.0064		
7/28/2010				0.028 (O)	0.0084
9/7/2010	0.0057		0.0078	0.022	
9/8/2010					0.0071
9/9/2010		0.0072			
4/28/2011		0.0077			0.008
4/29/2011	0.0087		0.0065	0.0099	
10/28/2011	0.0075	0.011	0.0092	0.0089	
10/29/2011					0.0054
5/2/2012	0.011				
5/3/2012		0.011	0.011	0.0091	0.0065
11/9/2012	0.0076	0.0089		0.008	
11/10/2012			0.0073		0.0059
5/9/2013	0.0088	0.0089	0.0098		
5/10/2013				0.019	0.0083
11/5/2013		0.011			
11/6/2013	0.011		0.011	0.013	0.0099 (J)
5/22/2014	0.0057 (J)	0.01	0.0097 (J)	0.0093 (J)	0.0049 (J)
11/8/2014	0.013				
11/9/2014			0.012	0.0098 (J)	0.0068 (J)
11/13/2014		0.0084 (J)			
5/22/2015				0.01	0.0087 (J)
5/23/2015	0.014				
5/24/2015		0.0095 (J)	0.016		
11/10/2015	0.0091 (J)		0.0088 (J)	0.011	
11/11/2015		0.011			0.0084 (J)
4/11/2016	0.00767 (J)				
4/12/2016		0.0122	0.00965 (J)	0.00925 (JD)	0.00419 (J)
6/16/2016	<0.002	<0.002	<0.002		
6/20/2016				0.0076 (J)	0.0043 (J)
8/11/2016	0.0085	0.01	0.0083		
8/12/2016				0.0079	0.0037
10/4/2016		0.011			
10/5/2016	0.01		0.0094	0.0085	
10/6/2016					0.0062
11/29/2016	0.0087				
11/30/2016		0.0098	0.0084	0.0086	0.0043
2/7/2017		0.0096			
2/8/2017	0.0093		0.0091	0.011	0.0052
4/5/2017	0.0098				
4/6/2017		0.01	0.011	0.0098	0.005
6/20/2017		0.01			
6/21/2017	0.0094		0.0081	0.011	
6/22/2017					0.0052
10/4/2017		0.011			
10/5/2017	0.0096		0.0083	0.01	
10/6/2017					0.0049
3/20/2018	0.0097	0.0099			

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.002 (X)	<0.002 (X)	<0.002 (X)
10/2/2018	0.0097	0.01			
10/3/2018			0.0091	0.0081	0.0039
3/26/2019	0.0091	0.0096	0.0092	0.0075	0.0084
9/10/2019		0.014		0.0092	0.0067
9/12/2019	0.012		0.011		
3/18/2020		0.011		0.0049	
3/19/2020	0.012		0.0094		0.0045
9/9/2020	0.011	0.01			
9/10/2020			0.009	0.0061	0.0055
4/1/2021		0.0057			
4/2/2021					0.0052
4/5/2021	0.012		0.008		
4/6/2021				0.0074	
8/11/2021	0.013		0.0087		
8/12/2021		0.012		0.0085	0.0045
2/15/2022		0.011		0.0076	0.0041
2/16/2022	0.011		0.0081		

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.007	<0.002	0.0097
5/11/2010	0.004 (J)	<0.002			
6/16/2010					0.0074
6/18/2010	0.0056	0.0063	0.011		
6/19/2010				<0.002	
7/27/2010	0.0051	0.004 (J)			0.0068
7/28/2010			0.0092	0.0034 (J)	
9/8/2010				0.014	0.007
9/9/2010	0.0037 (J)	0.0053	0.01		
4/29/2011	0.0036 (J)				0.0062
4/30/2011		0.0035 (J)	0.012	0.022	
10/27/2011				0.0064	0.0084
10/28/2011	0.0026 (J)				
10/29/2011		0.0048 (J)	0.012		
5/3/2012					0.0099
5/4/2012	0.0031 (J)	0.0064	0.013	0.0059	
11/10/2012	<0.002	0.0084	0.0097		
11/11/2012				0.011	0.0073
5/9/2013	0.0033 (J)	0.0041 (J)	0.013		0.0085
5/10/2013				0.038 (O)	
11/6/2013	0.0045 (J)				0.013
11/7/2013		0.0077 (J)	0.013	0.012	
5/21/2014		0.0044 (J)	0.0091 (J)	0.0048 (J)	0.0097 (J)
5/22/2014	0.0035 (J)				
11/9/2014	0.0062 (J)	0.0071 (J)			
11/12/2014			0.0097 (J)		0.0072 (J)
11/13/2014				0.023	
5/23/2015				0.015	0.0095 (J)
5/24/2015	0.012	0.01	0.018		
11/11/2015	0.0068 (J)	0.0053 (J)	0.0086 (J)	0.016	
11/12/2015					0.0046 (J)
4/12/2016		0.00493 (J)			
4/13/2016			0.00924 (JD)		0.00627 (JD)
4/19/2016	0.00368 (J)			0.0086 (J)	
6/20/2016		0.0043 (J)	0.0084 (J)		
6/22/2016	0.0031 (J)				0.0079 (J)
8/12/2016		0.0037			
8/15/2016			0.0083		0.0075
8/16/2016	0.0028				
10/6/2016	0.003	0.004	0.0081		0.0071
10/10/2016				0.0052	
11/30/2016		0.0035			
12/1/2016	0.0022 (J)		0.0083	0.0062	0.007
2/8/2017					0.0047
2/9/2017	0.0035	0.0041	0.0087	0.0091	
4/6/2017	0.0032	0.0038			0.006
4/7/2017			0.009	<0.002	
6/21/2017	0.0031	0.004		<0.002	0.0071
6/22/2017			0.0092		
8/15/2017				<0.002	
9/1/2017				<0.002	
10/5/2017	0.0029				0.008

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		0.0038	0.0095		
10/9/2017				<0.002	
3/21/2018		<0.002 (X)			<0.002 (X)
3/22/2018	0.0086 (J+X)		0.0086 (J+X)	0.0079 (J+X)	
10/2/2018					0.0081
10/3/2018	0.003	0.0042			
10/4/2018			0.0083	<0.002	
3/26/2019		0.0044			
3/27/2019	0.0039		0.0088	<0.002	0.0064
9/11/2019	0.0079	0.0078	0.013	0.0052	0.012
3/18/2020	0.0052	0.0046		<0.002	0.0066
3/19/2020			0.011		
9/9/2020	0.0048			<0.002	0.0081
9/10/2020		0.0049	0.0098		
4/1/2021	0.0058		0.0091		0.0018 (J)
4/5/2021		0.005		<0.002	
8/11/2021		0.005	0.0092		
8/12/2021	0.0053			<0.002	0.0077
2/15/2022	0.0061	0.0046	0.0088	<0.002	0.0079

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		0.003 (O)	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<0.0025	<0.0025	<0.0025		
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/11/2012					<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	0.00261 (O)	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	0.00092 (J)	2.2E-05 (J)	8.4E-05 (J)		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	0.00076 (J)	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	0.00081 (J)	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	0.00061 (J)			<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<0.0025
4/4/2017	0.00084 (J)	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	0.0012 (J)	<0.0025	<0.0025	<0.0025	
6/21/2017					<0.0025
10/4/2017	0.00087 (J)			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	0.0018 (JD)	<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
10/2/2018	0.0011 (J)	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	0.0019 (J)	<0.0025	<0.0025	<0.0025	
3/27/2019					<0.0025
9/10/2019	0.0012 (J)	0.00031 (J)	0.00052 (J)	<0.0025	
9/11/2019					<0.0025
3/18/2020	0.0017 (J)	0.00034 (J)	<0.0025	0.00017 (J)	<0.0025
9/9/2020	0.0016 (J)	<0.0025	0.00019 (J)	<0.0025	<0.0025
4/1/2021	0.0024 (J)	0.00014 (J)	<0.0025	<0.0025	<0.0025
8/11/2021	0.0011 (J)	<0.0025	<0.0025		
8/18/2021				0.00025 (J)	
10/18/2021					<0.0025
2/15/2022	0.0029	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<0.0025	<0.0025	
7/26/2010					<0.0025
7/27/2010	<0.0025	<0.0025			
7/28/2010				<0.0025	
7/29/2010			<0.0025		
9/7/2010					<0.0025
9/8/2010	<0.0025	<0.0025			
9/9/2010			<0.0025	<0.0025	
4/26/2011			<0.0025		
4/29/2011	<0.0025	<0.0025			<0.0025
4/30/2011				<0.0025	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<0.0025		<0.0025	
11/11/2012			<0.0025		
5/8/2013			<0.0025	<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025			
11/5/2013				<0.0025	
11/6/2013	<0.0025	<0.0025			<0.0025
11/7/2013			<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					0.0032 (O)
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	0.0004 (J)	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	0.00042 (J)	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	0.00049 (J)			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	0.0004 (J)		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	0.00041 (J)		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	0.00042 (J)	<0.0025	<0.0025	0.00023 (J)
3/18/2020	<0.0025	0.00013 (J)	<0.0025	<0.0025	0.00018 (J)
9/9/2020				<0.0025	0.00014 (J)
9/10/2020	0.00033 (J)	0.00057 (J)	<0.0025		
4/1/2021	<0.0025	0.00028 (J)		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	0.00033 (J)	<0.0025	<0.0025	0.00021 (J)
2/16/2022	<0.0025	0.00033 (J)	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				0.0034 (O)	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	0.0037 (O)	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	0.00012 (J)		
6/20/2016				0.0001 (J)	0.00016 (J)
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				0.00042 (J)	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					0.00068 (J)
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	0.0005 (J)	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	0.00042 (J)	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	0.00096 (J)
9/10/2019		0.00015 (J)		0.00028 (J)	<0.0025
9/12/2019	0.00021 (J)		0.00021 (J)		
3/18/2020		<0.0025		0.00014 (J)	
3/19/2020	0.00014 (J)		0.00026 (J)		0.00021 (J)
9/9/2020	<0.0025	<0.0025			
9/10/2020			0.00018 (J)	0.00023 (J)	0.00032 (J)
4/1/2021		<0.0025			
4/2/2021					0.00026 (J)
4/5/2021	<0.0025		<0.0025		
4/6/2021				0.00031 (J)	
8/11/2021	<0.0025		<0.0025		
8/12/2021		0.0002 (J)		0.00067 (J)	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<0.0025		
6/19/2010				<0.0025	
7/27/2010	<0.0025	<0.0025			<0.0025
7/28/2010			<0.0025	<0.0025	
9/8/2010				<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	0.0063 (O)	
10/27/2011				<0.0025	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				0.0068 (O)	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	<0.0025	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				0.0046	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			<0.0025	
6/20/2016		3E-05 (J)	8.6E-05 (J)		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	0.00068 (J)	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	0.0009 (J)	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	0.0011 (J)	
6/21/2017	<0.0025	<0.0025		0.00064 (J)	<0.0025
6/22/2017			<0.0025		
8/15/2017				0.001 (J)	
9/1/2017				0.00089 (J)	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				0.00085 (J)	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0004 (o)	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	0.00048 (J)	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	0.0012 (J)	<0.0025
9/11/2019	9.9E-05 (J)	8.7E-05 (J)	0.00016 (J)	0.00085 (J)	0.00016 (J)
3/18/2020	<0.0025	<0.0025		0.0027	<0.0025
3/19/2020			0.00013 (J)		
9/9/2020	<0.0025			0.0043	0.00023 (J)
9/10/2020		<0.0025	0.00038 (J)		
4/1/2021	<0.0025		0.00015 (J)		0.00015 (J)
4/5/2021		0.00015 (J)		0.0026	
8/11/2021		<0.0025	<0.0025		
8/12/2021	<0.0025			0.0019 (J)	0.00013 (J)
2/15/2022	<0.0025	<0.0025	<0.0025	0.0037	<0.0025

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/10/2010					<0.002
5/11/2010				<0.002	
6/16/2010		<0.002	<0.002		<0.002
6/17/2010				<0.002	
6/18/2010	<0.002				
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	
7/28/2010	<0.002				<0.002
9/7/2010		<0.002	<0.002		
9/8/2010					<0.002
9/9/2010	<0.002			<0.002	
4/28/2011				<0.002	
4/29/2011		<0.002	<0.002		<0.002
4/30/2011	<0.002				
10/27/2011					<0.002
10/28/2011	<0.002	<0.002	<0.002		
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	
5/4/2012					<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	
11/11/2012					<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/21/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				<0.002
11/13/2014				<0.002	
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	
11/12/2015					<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	
4/13/2016					<0.002 (D)
10/4/2016	<0.002	<0.002		<0.002	
10/5/2016			<0.002		<0.002
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
10/4/2017	<0.002			<0.002	
10/5/2017		<0.002	<0.002		<0.002
3/20/2018	<0.002 (D)	<0.002	<0.002	<0.002	
3/21/2018					<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.002	<0.002	<0.002	<0.002	
3/27/2019					<0.002
9/10/2019	<0.002	0.00095 (J)	0.0012 (J)	<0.002	
9/11/2019					<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	0.00074 (J)	<0.002	<0.002	<0.002
8/11/2021	<0.002	<0.002	<0.002		
8/18/2021				0.0011 (J)	
10/18/2021					<0.002
2/15/2022	<0.002	<0.002	<0.002	0.0013 (J)	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	<0.002	<0.002	
5/10/2010	<0.002				<0.002
6/16/2010	<0.002				0.0025 (J)
6/18/2010		<0.002	<0.002	<0.002	
7/26/2010					0.0023 (J)
7/27/2010	<0.002	<0.002			
7/28/2010				<0.002	
7/29/2010			<0.002		
9/7/2010					<0.002
9/8/2010	<0.002	<0.002			
9/9/2010			<0.002	<0.002	
4/26/2011			<0.002		
4/29/2011	<0.002	<0.002			<0.002
4/30/2011				<0.002	
10/27/2011	<0.002				
10/28/2011		<0.002	<0.002	<0.002	<0.002
5/2/2012					<0.002
5/3/2012		<0.002		0.0021 (J)	
5/4/2012	<0.002		0.0024 (J)		
11/9/2012					<0.002
11/10/2012	<0.002	<0.002		<0.002	
11/11/2012			<0.002		
5/8/2013			<0.002	<0.002	<0.002
5/9/2013	<0.002	<0.002			
11/5/2013				<0.002	
11/6/2013	<0.002	<0.002			<0.002
11/7/2013			<0.002		
5/20/2014	<0.002	<0.002	<0.002	<0.002	
5/23/2014					<0.002
11/8/2014					<0.002
11/12/2014	<0.002	<0.002	<0.002	<0.002	
5/22/2015					<0.002
5/23/2015		<0.002			
5/24/2015	<0.002		<0.002	<0.002	
11/10/2015					<0.002
11/11/2015				<0.002	
11/12/2015	<0.002	<0.002	<0.002		
4/11/2016					<0.002
4/13/2016	<0.002 (D)	<0.002 (D)	<0.002 (D)	<0.002 (D)	
10/4/2016				<0.002	
10/5/2016	<0.002	<0.002			<0.002
10/7/2016			<0.002		
4/5/2017		<0.002			
4/6/2017	<0.002		<0.002	<0.002	<0.002
10/5/2017	0.0021 (J)	<0.002		<0.002	<0.002
10/6/2017			<0.002		
3/20/2018				<0.002	<0.002
3/21/2018	<0.002	<0.002 (D)			
3/22/2018			<0.002		
10/2/2018	<0.002	<0.002		<0.002	<0.002
10/3/2018			<0.002		
3/26/2019		<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.002				
9/11/2019	<0.002	<0.002	<0.002	<0.002	0.00084 (J)
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020				<0.002	0.00084 (J)
9/10/2020	0.0007 (J)	<0.002	<0.002		
4/1/2021	<0.002	<0.002		<0.002	<0.002
4/6/2021			<0.002		
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.002	<0.002	<0.002	0.003 (J)	<0.002
6/16/2010	<0.002				
6/17/2010			<0.002	<0.002	0.0022 (J)
6/19/2010		<0.002			
7/27/2010	<0.002	<0.002	0.0021 (J)		
7/28/2010				0.012 (O)	0.0033 (J)
9/7/2010	<0.002		<0.002	0.0026 (J)	
9/8/2010					<0.002
9/9/2010		<0.002			
4/28/2011		<0.002			0.0037 (J)
4/29/2011	<0.002		<0.002	<0.002	
10/28/2011	<0.002	<0.002	<0.002	<0.002	
10/29/2011					<0.002
5/2/2012	<0.002				
5/3/2012		<0.002	<0.002	<0.002	0.0031 (J)
11/9/2012	<0.002	<0.002		<0.002	
11/10/2012			<0.002		0.0021 (J)
5/9/2013	<0.002	<0.002	<0.002		
5/10/2013				0.0042 (J)	0.0025 (J)
11/5/2013		<0.002			
11/6/2013	<0.002		<0.002	<0.002	0.0032 (J)
5/22/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002				
11/9/2014			<0.002	<0.002	<0.002
11/13/2014		<0.002			
5/22/2015				<0.002	<0.002
5/23/2015	<0.002				
5/24/2015		<0.002	<0.002		
11/10/2015	<0.002	<0.002	<0.002	<0.002	
11/11/2015		<0.002			0.002 (J)
4/11/2016	<0.002				
4/12/2016		<0.002	<0.002	<0.002 (D)	<0.002
10/4/2016		<0.002			
10/5/2016	<0.002		<0.002	<0.002	
10/6/2016					0.0022 (J)
4/5/2017	<0.002				
4/6/2017		<0.002	<0.002	<0.002	<0.002
10/4/2017		<0.002			
10/5/2017	<0.002		<0.002	<0.002	
10/6/2017					<0.002
3/20/2018	<0.002	<0.002			
3/21/2018			<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002			
10/3/2018			<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	0.0039
9/10/2019		<0.002		0.0011 (J)	0.0017 (J)
3/18/2020		<0.002		<0.002	
3/19/2020	<0.002		<0.002		<0.002
9/9/2020	<0.002	<0.002			
9/10/2020			<0.002	0.00072 (J)	0.0011 (J)
4/1/2021		0.00069 (J)			
4/2/2021					0.0012 (J)

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/5/2021	<0.002		<0.002		
4/6/2021				0.00088 (J)	
8/11/2021	<0.002		<0.002		
8/12/2021		0.00078 (J)		0.0019 (J)	<0.002
2/15/2022		0.0013 (J)		0.0013 (J)	0.0011 (J)
2/16/2022	<0.002		<0.002		

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.002	0.0036 (J)	<0.002
5/11/2010	<0.002	<0.002			
6/16/2010					<0.002
6/18/2010	<0.002	0.0026 (J)	0.008 (O)		
6/19/2010				0.004 (J)	
7/27/2010	<0.002	0.0029 (J)			<0.002
7/28/2010			0.0021 (J)	0.013	
9/8/2010				0.068	<0.002
9/9/2010	<0.002	<0.002	<0.002		
4/29/2011	<0.002				<0.002
4/30/2011		<0.002	<0.002	0.098	
10/27/2011				0.02	<0.002
10/28/2011	<0.002				
10/29/2011		<0.002	<0.002		
5/3/2012					0.0023
5/4/2012	<0.002	0.0037 (J)	<0.002	0.024	
11/10/2012	<0.002	<0.002	<0.002		
11/11/2012				0.032	<0.002
5/9/2013	<0.002	<0.002	<0.002		<0.002
5/10/2013				0.18	
11/6/2013	<0.002				<0.002
11/7/2013		<0.002	0.0022 (J)	0.021	
5/21/2014		<0.002	<0.002	0.0089 (J)	<0.002
5/22/2014	<0.002				
11/9/2014	<0.002	<0.002			
11/12/2014			<0.002		<0.002
11/13/2014				0.1	
5/23/2015				0.048	<0.002
5/24/2015	<0.002	<0.002	0.0022 (J)		
11/11/2015	<0.002	<0.002	<0.002	0.059	
11/12/2015					<0.002
4/12/2016		<0.002			
4/13/2016			<0.002 (D)		<0.002 (D)
4/19/2016	<0.002			0.0131 (J)	
10/6/2016	<0.002	<0.002	<0.002		<0.002
10/10/2016				0.0046	
4/6/2017	<0.002	<0.002			<0.002
4/7/2017			<0.002	<0.002	
10/5/2017	<0.002				<0.002
10/6/2017		<0.002	0.0026		
10/9/2017				<0.002	
3/21/2018		<0.002			0.0038
3/22/2018	<0.002		<0.002	<0.002	
10/2/2018					<0.002
10/3/2018	<0.002	<0.002			
10/4/2018			<0.002	<0.002	
3/26/2019		<0.002			
3/27/2019	<0.002		<0.002	<0.002	<0.002
9/11/2019	<0.002	0.00066 (J)	0.00086 (J)	<0.002	<0.002
3/18/2020	<0.002	<0.002		<0.002	<0.002
3/19/2020			<0.002		
9/9/2020	<0.002			<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.002	0.0024		
4/1/2021	<0.002		0.00094 (J)		<0.002
4/5/2021		<0.002		<0.002	
8/11/2021		<0.002	<0.002		
8/12/2021	<0.002			<0.002	<0.002
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	0.017 (J)	0.048 (J)	0.039 (J)		
4/12/2016				0.087 (J)	
4/13/2016					0.082 (JD)
6/15/2016	<0.1	<0.1	<0.1		
6/16/2016				0.04 (J)	
6/21/2016					0.02 (J)
8/10/2016	<0.1	<0.1	<0.1		
8/11/2016				0.092 (J)	
8/15/2016					<0.1
10/4/2016	<0.1	<0.1		<0.1	
10/5/2016			<0.1		<0.1
11/29/2016		<0.1	<0.1		
11/30/2016	<0.1			0.091 (J)	
12/1/2016					<0.1
2/7/2017	<0.1	<0.1	<0.1	<0.1	
2/8/2017					<0.1
4/4/2017	<0.1	<0.1	<0.1		
4/5/2017				<0.1	
4/6/2017					<0.1
6/20/2017	<0.1	<0.1	<0.1	0.082 (J)	
6/21/2017					<0.1
10/4/2017	<0.1			<0.1	
10/5/2017		<0.1	<0.1		<0.1
3/20/2018	<0.1 (D)	<0.1	<0.1	<0.1	
3/21/2018					<0.1
10/2/2018	<0.1	<0.1	<0.1	0.089 (J)	<0.1
3/26/2019	<0.1	0.041 (J)	0.042 (J)	0.072 (J)	
3/27/2019					0.077 (J)
9/10/2019	<0.1	0.047 (J)	0.046 (J)	0.077 (J)	
9/11/2019					0.067 (J)
3/18/2020	0.036 (J)	0.041 (J)	0.071 (J)	0.098 (J)	0.088 (J)
9/9/2020	<0.1	0.034 (J)	0.036 (J)	0.069 (J)	0.055 (J)
4/1/2021	<0.1	0.035 (J)	0.042 (J)	0.081 (J)	0.086 (J)
8/11/2021	0.036 (J)	0.05 (J)	0.053 (J)		
8/17/2021					0.083 (J)
10/18/2021				0.081 (J)	
2/15/2022	0.054 (J)	0.079 (J)	0.083 (J)	0.12	0.099 (J)
5/12/2022				0.048 (J,R)	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					0.047 (J)
4/13/2016	0.061 (JD)	0.01 (JD)	0.039 (JD)	0.027 (JD)	
6/16/2016					<0.1
6/21/2016	0.03 (J)	<0.1	<0.1	<0.1	
8/11/2016					<0.1
8/15/2016	<0.1	<0.1	<0.1	<0.1	
10/4/2016				<0.1	
10/5/2016	<0.1	<0.1			<0.1
10/7/2016			<0.1		
11/29/2016					<0.1
12/1/2016	<0.1	<0.1	<0.1	<0.1	
2/7/2017				<0.1	
2/8/2017	<0.1	<0.1			<0.1
2/9/2017			<0.1		
4/5/2017		<0.1			
4/6/2017	<0.1		<0.1	<0.1	<0.1
6/20/2017	<0.1	<0.1		<0.1	
6/21/2017					<0.1
6/22/2017			<0.1		
10/5/2017	<0.1	<0.1		<0.1	<0.1
10/6/2017			<0.1		
3/20/2018				<0.1	<0.1
3/21/2018	<0.1	<0.1 (D)			
3/22/2018			<0.1		
10/2/2018	<0.1	<0.1		<0.1	<0.1
10/3/2018			<0.1		
3/26/2019		0.026 (J)	0.04 (J)	0.034 (J)	0.046 (J)
3/27/2019	0.048 (J)				
9/11/2019	0.054 (J)	0.039 (J)	0.051 (J)	0.045 (J)	0.055 (J)
3/18/2020	0.064 (J)	0.046 (J)	0.055 (J)	0.068 (J)	<0.1
9/9/2020				<0.1	0.045 (J)
9/10/2020	0.052 (J)	<0.1	0.034 (J)		
4/1/2021	0.042 (J)	<0.1		<0.1	0.041 (J)
4/6/2021			0.026 (J)		
8/11/2021	0.051 (J)	0.029 (J)	0.045 (J)	0.045 (J)	0.062 (J)
2/16/2022	<0.1	<0.1	<0.1	<0.1	0.034 (J)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	0.048 (J)				
4/12/2016		0.046 (J)	0.056 (J)	0.057 (JD)	0.121 (J)
6/16/2016	<0.1	<0.1	<0.1		
6/20/2016				0.04 (J)	0.04 (J)
8/11/2016	<0.1	<0.1	<0.1		
8/16/2016				<0.1	0.13 (J)
10/4/2016		<0.1			
10/5/2016	<0.1		<0.1	<0.1	
10/6/2016					0.1 (J)
11/29/2016	<0.1				
11/30/2016		<0.1	<0.1	<0.1	0.13 (J)
2/7/2017		<0.1			
2/8/2017	<0.1		<0.1	<0.1	0.093 (J)
4/5/2017	<0.1				
4/6/2017		<0.1	<0.1	<0.1	0.1 (J)
6/20/2017		<0.1			
6/21/2017	<0.1		<0.1	<0.1	
6/22/2017					0.11 (J)
10/4/2017		<0.1			
10/5/2017	<0.1		<0.1	<0.1	
10/6/2017					0.096 (J)
3/20/2018	<0.1	<0.1			
3/21/2018			<0.1	<0.1	0.094 (J)
10/2/2018	<0.1	<0.1			
10/3/2018			<0.1	<0.1	0.1 (J+X)
3/26/2019	0.04 (J)	0.046 (J)	0.045 (J)	0.046 (J)	0.087 (J)
9/10/2019		0.048 (J)		0.058 (J)	0.097 (J)
9/12/2019	0.032 (J)		0.044 (J)		
3/18/2020		0.055 (J)		0.091 (J)	
3/19/2020	<0.1		<0.1		0.038 (J)
9/9/2020	0.034 (J)	0.033 (J)			
9/10/2020			0.051 (J)	0.063 (J)	0.1
4/1/2021		0.043 (J)			
4/2/2021					0.097 (J)
4/6/2021				0.045 (J)	
6/1/2021	0.026 (J)		0.033 (J)		
8/11/2021	0.047 (J)		0.051 (J)		
8/12/2021		0.054 (J)		0.084 (J)	0.11
2/15/2022		0.072 (J)		0.092 (J)	0.13
2/16/2022	0.028 (J)		<0.1		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		0.061 (J)			
4/13/2016			0.061 (JD)		0.083 (JD)
4/19/2016	0.024 (J)			0.135 (J)	
6/20/2016		<0.1	0.12 (J)		
6/22/2016	<0.1				0.03 (J)
8/15/2016			<0.1		<0.1
8/16/2016	<0.1	<0.1			
10/6/2016	<0.1	<0.1	<0.1		<0.1
10/10/2016				0.12 (J)	
11/30/2016		<0.1			
12/1/2016	<0.1		<0.1	0.12 (J)	<0.1
2/8/2017					<0.1
2/9/2017	<0.1	<0.1	<0.1	0.11 (J)	
4/6/2017	<0.1	<0.1			<0.1
4/7/2017			<0.1	0.15 (J)	
6/21/2017	<0.1	<0.1		0.21	<0.1
6/22/2017			<0.1		
8/15/2017				0.1 (J)	
9/1/2017				0.084 (J)	
10/5/2017	<0.1				0.084 (J)
10/6/2017		<0.1	<0.1		
3/21/2018		<0.1			<0.1
3/22/2018	<0.1		<0.1	0.091 (J)	
10/2/2018					<0.1
10/3/2018	<0.1	<0.1			
10/4/2018			<0.1	0.14 (J+X)	
3/26/2019		0.058 (J)			
3/27/2019	0.038 (J)		0.04 (J)	0.071 (J)	0.066 (J)
9/11/2019	0.045 (J)	0.058 (J)	0.057 (J)	0.071 (J)	0.067 (J)
3/18/2020	0.055 (J)	0.082 (J)		0.073 (J)	0.096 (J)
3/19/2020			<0.1		
9/9/2020	0.033 (J)			0.038 (J)	0.067 (J)
9/10/2020		0.052 (J)	0.053 (J)		
4/1/2021	0.029 (J)		0.072 (J)		0.072 (J)
6/1/2021				0.034 (J)	
6/2/2021		0.038 (J)			
8/11/2021		0.055 (J)	0.058 (J)		
8/12/2021	0.045 (J)			0.087 (J)	0.085 (J)
2/15/2022	0.16	0.095 (J)	0.083 (J)	0.096 (J)	0.096 (J)
5/12/2022	0.03 (J,R)				

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	0.0021 (J)			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		0.0028 (J)	0.0021 (J)		0.002 (J)
6/17/2010				0.0026 (J)	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				0.0036 (J)	
4/29/2011		0.0032 (J)	0.0024 (J)		0.003 (J)
4/30/2011	<0.001				
10/27/2011					0.0027 (J)
10/28/2011	<0.001	0.0025 (J)	0.002 (J)		
10/29/2011				0.0038 (J)	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	0.0024 (J)	<0.001	0.0024 (J)	
11/11/2012					0.0022 (J)
5/8/2013	<0.001	0.0051	0.0034 (J)		
5/9/2013				0.0085	0.007
11/5/2013	<0.001			0.0042 (J)	0.0048 (J)
11/6/2013		0.0033 (J)	0.0028 (J)		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				0.002 (J)
11/13/2014				<0.001	
5/22/2015	<0.001	0.0036 (J)	0.0032 (J)		
5/23/2015				0.0044 (J)	0.0035 (J)
11/9/2015		0.0039 (J)	<0.001		
11/11/2015	<0.001			0.0042 (J)	
11/12/2015					0.0032 (J)
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		<0.001	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	
6/21/2017					<0.001
10/4/2017	<0.001			0.00067 (J)	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	0.00016 (J)	0.00022 (J)	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00023 (J)	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/18/2021				<0.001	
10/18/2021					<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				0.0023 (J)
6/18/2010		<0.001	0.0021	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	0.0032 (J)	<0.001			0.0033 (J)
4/30/2011				<0.001	
10/27/2011	0.0027 (J)				
10/28/2011		<0.001	<0.001	<0.001	0.0023 (J)
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	0.0025 (J)	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			0.0036	0.0024	0.0052
5/9/2013	0.0051	<0.001			
11/5/2013				0.0028	
11/6/2013	0.0037 (J)	<0.001			0.003 (J)
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					0.0023 (J)
5/23/2015		<0.001			
5/24/2015	0.0037 (J)		<0.001	<0.001	
11/10/2015					0.0025 (J)
11/11/2015				<0.001	
11/12/2015	0.0038 (J)	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<0.001	<0.001	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
11/29/2016					<0.001
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			0.00061 (J)		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	0.0017	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	0.00014 (J)	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	0.0026 (J)	0.011	<0.001
6/16/2010	0.0022 (J)				
6/17/2010			0.0021 (J)	0.0027 (J)	<0.001
6/19/2010		0.003 (J)			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					0.002 (J)
9/9/2010		<0.001			
4/28/2011		0.0037 (J)			0.0042 (J)
4/29/2011	0.0029 (J)		0.0032 (J)	0.0038 (J)	
10/28/2011	0.0021 (J)	0.003 (J)	0.0025 (J)	<0.001	
10/29/2011					0.0036 (J)
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	0.002 (J)	0.003 (J)		0.0029 (J)	
11/10/2012			<0.001		0.0023 (J)
5/9/2013	0.0056	0.0063	0.0056		
5/10/2013				0.0061	0.0062
11/5/2013		0.0043 (J)			
11/6/2013	0.0035 (J)		0.0032 (J)	0.0025 (J)	0.0043 (J)
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		0.0021 (J)			
5/22/2015				0.0034 (J)	0.0046 (J)
5/23/2015	0.0047 (J)				
5/24/2015		0.0043 (J)	0.0044 (J)		
11/10/2015	0.0044 (J)		0.0038 (J)	0.0021 (J)	
11/11/2015		0.0032 (J)			0.0028 (J)
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	<0.001	<0.001	<0.001		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				<0.001	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<0.001
4/5/2017	0.0009 (J)				
4/6/2017		<0.001	<0.001	<0.001	<0.001
6/20/2017		<0.001			
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017					<0.001
10/4/2017		<0.001			
10/5/2017	0.0015		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	0.00037 (J)	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		0.00014 (J)		<0.001	
3/19/2020	<0.001		<0.001		0.00019 (J)
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	0.00014 (J)		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		0.00014 (J)	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					0.003 (J)
6/18/2010	0.0024	<0.001	0.0027 (J)		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				0.0023 (J)	<0.001
9/9/2010	<0.001	<0.001	0.002 (J)		
4/29/2011	0.0028				0.0039 (J)
4/30/2011		0.0034 (J)	0.0037 (J)	0.011 (O)	
10/27/2011				0.0055	0.0043 (J)
10/28/2011	<0.001				
10/29/2011		0.0041 (J)	0.0025 (J)		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	0.0029 (J)	
11/10/2012	<0.001	0.0023 (J)	0.003 (J)		
11/11/2012				0.0052	0.0025 (J)
5/9/2013	0.0061	0.0067	0.0064		0.0067
5/10/2013				0.023 (O)	
11/6/2013	0.0034				0.0069
11/7/2013		0.0048 (J)	0.0037 (J)	0.0083	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		0.002 (J)
11/13/2014				0.0085	
5/23/2015				0.0077	0.003 (J)
5/24/2015	0.0093 (O)	0.0045 (J)	0.0053 (J)		
11/11/2015	0.0071	0.0048 (J)	0.0022 (J)	0.008	
11/12/2015					0.0044 (J)
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		<0.001	<0.001		
6/22/2016	<0.001				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	0.00047 (J)	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	0.0012 (J)	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		<0.001	<0.001
6/22/2017			<0.001		
8/15/2017				<0.001	
9/1/2017				<0.001	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001
9/10/2020		<0.001	0.00017 (J)		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		0.00034 (J)	
8/11/2021		<0.001	0.00014 (J)		
8/12/2021	<0.001			<0.001	<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0002		
5/9/2010	<0.0002	<0.0002			
5/10/2010					<0.0002
5/11/2010				<0.0002	
6/16/2010		<0.0002	<0.0002		<0.0002
6/17/2010				<0.0002	
6/18/2010	<0.0002				
7/26/2010			<0.0002		
7/27/2010		<0.0002		<0.0002	
7/28/2010	<0.0002				<0.0002
9/7/2010		7.4E-05 (J)	7.8E-05 (J)		
9/8/2010					8.8E-05 (J)
9/9/2010	<0.0002			<0.0002	
4/28/2011				<0.0002	
4/29/2011		<0.0002	<0.0002		<0.0002
4/30/2011	<0.0002				
10/27/2011					<0.0002
10/28/2011	<0.0002	<0.0002	<0.0002		
10/29/2011				<0.0002	
5/2/2012	<0.0002	<0.0002	<0.0002		
5/3/2012				<0.0002	
5/4/2012					<0.0002
11/9/2012	<0.0002	<0.0002	<0.0002	<0.0002	
11/11/2012					<0.0002
5/8/2013	7E-05 (J)	8E-05 (J)	<0.0002		
5/9/2013				<0.0002	<0.0002
11/5/2013	<0.0002			7.3E-05 (J)	0.00011 (J)
11/6/2013		0.00014	0.00011		
5/20/2014	<0.0002	<0.0002	<0.0002		
5/21/2014					<0.0002
5/23/2014				<0.0002	
11/8/2014		<0.0002	<0.0002		
11/12/2014	<0.0002				<0.0002
11/13/2014				<0.0002	
5/22/2015	7.2E-05 (J)	<0.0002	7.1E-05 (J)		
5/23/2015				<0.0002	<0.0002
11/9/2015		<0.0002	<0.0002		
11/11/2015	<0.0002			<0.0002	
11/12/2015					<0.0002
4/6/2016	<0.0002	<0.0002	<0.0002		
4/12/2016				<0.0002	
4/13/2016					<0.0002 (D)
6/15/2016	<0.0002	<0.0002	<0.0002		
6/16/2016				<0.0002	
6/21/2016					<0.0002
8/10/2016	<0.0002	<0.0002	<0.0002		
8/11/2016				<0.0002	
8/15/2016					<0.0002
10/4/2016	<0.0002	<0.0002		<0.0002	
10/5/2016			<0.0002		<0.0002
11/29/2016		<0.0002	<0.0002		
11/30/2016	<0.0002			<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0002
2/7/2017	<0.0002	<0.0002	<0.0002	7E-05 (J)	
2/8/2017					7.6E-05 (J)
4/4/2017	<0.0002	<0.0002	<0.0002		
4/5/2017				<0.0002	
4/6/2017					<0.0002
6/20/2017	<0.0002	<0.0002	<0.0002	<0.0002	
6/21/2017					<0.0002
10/4/2017	<0.0002			<0.0002	
10/5/2017		<0.0002	<0.0002		<0.0002
3/20/2018	<0.0002 (D)	<0.0002	<0.0002 (X)	<0.0002 (X)	
3/21/2018					<0.0002
10/2/2018	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	
3/27/2019					<0.0002
9/10/2019	<0.0002	<0.0002	<0.0002	<0.0002	
9/11/2019					<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/1/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/11/2021	<0.0002	<0.0002	<0.0002		
8/17/2021					<0.0002
8/18/2021				<0.0002	
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0002	8.2E-05 (J)	9.1E-05 (J)	
5/10/2010	<0.0002				<0.0002
6/16/2010	<0.0002				<0.0002
6/18/2010		<0.0002	<0.0002	<0.0002	
7/26/2010					<0.0002
7/27/2010	<0.0002	<0.0002			
7/28/2010				<0.0002	
7/29/2010			<0.0002		
9/7/2010					<0.0002
9/8/2010	<0.0002	<0.0002			
9/9/2010			<0.0002	<0.0002	
4/26/2011			<0.0002		
4/29/2011	<0.0002	<0.0002			<0.0002
4/30/2011				<0.0002	
10/27/2011	<0.0002				
10/28/2011		<0.0002	<0.0002	<0.0002	<0.0002
5/2/2012					<0.0002
5/3/2012		<0.0002		<0.0002	
5/4/2012	<0.0002		<0.0002		
11/9/2012					<0.0002
11/10/2012	<0.0002	<0.0002		<0.0002	
11/11/2012			<0.0002		
5/8/2013			<0.0002	<0.0002	<0.0002
5/9/2013	0.00019	<0.0002			
11/5/2013				0.00016	
11/6/2013	0.00014	<0.0002			<0.0002
11/7/2013			0.0001		
5/20/2014	<0.0002	<0.0002	<0.0002	<0.0002	
5/23/2014					<0.0002
11/8/2014					<0.0002
11/12/2014	<0.0002	<0.0002	<0.0002	<0.0002	
5/22/2015					<0.0002
5/23/2015		<0.0002			
5/24/2015	<0.0002		<0.0002	<0.0002	
11/10/2015					<0.0002
11/11/2015				<0.0002	
11/12/2015	<0.0002	<0.0002	<0.0002		
4/11/2016					<0.0002
4/13/2016	<0.0002 (D)	<0.0002 (D)	<0.0002 (D)	<0.0002 (D)	
6/16/2016					<0.0002
6/21/2016	<0.0002	<0.0002	<0.0002	<0.0002	
8/11/2016					<0.0002
8/15/2016	<0.0002	<0.0002	<0.0002	<0.0002	
10/4/2016				<0.0002	
10/5/2016	<0.0002	<0.0002			<0.0002
10/7/2016			<0.0002		
11/29/2016					<0.0002
12/1/2016	<0.0002	<0.0002	<0.0002	<0.0002	
2/7/2017				<0.0002	
2/8/2017	<0.0002	<0.0002			8.9E-05
2/9/2017			<0.0002		
4/5/2017		<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0002		<0.0002	<0.0002	<0.0002
6/20/2017	<0.0002	<0.0002		<0.0002	
6/21/2017					<0.0002
6/22/2017			<0.0002		
10/5/2017	<0.0002	<0.0002		<0.0002	<0.0002
10/6/2017			<0.0002		
3/20/2018				<0.0002	<0.0002
3/21/2018	<0.0002	<0.0002 (D)			
3/22/2018			<0.0002 (X)		
10/2/2018	<0.0002 (X)	<0.0002 (X)		<0.0002 (X)	<0.0002 (X)
10/3/2018			<0.0002 (X)		
3/26/2019		<0.0002	<0.0002	<0.0002	<0.0002
3/27/2019	<0.0002				
9/11/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020				<0.0002	<0.0002
9/10/2020	<0.0002	<0.0002	<0.0002		
4/1/2021	<0.0002	<0.0002		<0.0002	<0.0002
4/6/2021			<0.0002		
8/11/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/16/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0002	<0.0002	8.5E-05	<0.0002	<0.0002
6/16/2010	<0.0002				
6/17/2010			<0.0002	<0.0002	<0.0002
6/19/2010		<0.0002			
7/27/2010	<0.0002	<0.0002	<0.0002		
7/28/2010				<0.0002	<0.0002
9/7/2010	0.00011		0.0001	0.00012	
9/8/2010					<0.0002
9/9/2010		9.3E-05			
4/28/2011		<0.0002			<0.0002
4/29/2011	<0.0002		<0.0002	<0.0002	
10/28/2011	<0.0002	<0.0002	<0.0002	<0.0002	
10/29/2011					<0.0002
5/2/2012	<0.0002				
5/3/2012		<0.0002	<0.0002	<0.0002	<0.0002
11/9/2012	<0.0002	<0.0002		<0.0002	
11/10/2012			<0.0002		<0.0002
5/9/2013	<0.0002	<0.0002	<0.0002		
5/10/2013				0.00014	0.00012
11/5/2013		0.00011			
11/6/2013	<0.0002		<0.0002	0.00014	<0.0002
5/22/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/8/2014	<0.0002				
11/9/2014			<0.0002	<0.0002	<0.0002
11/13/2014		<0.0002			
5/22/2015				<0.0002	<0.0002
5/23/2015	<0.0002				
5/24/2015		<0.0002	<0.0002		
11/10/2015	<0.0002		<0.0002	<0.0002	
11/11/2015		<0.0002			<0.0002
4/11/2016	<0.0002				
4/12/2016		<0.0002	<0.0002	<0.0002 (D)	<0.0002
6/16/2016	<0.0002	<0.0002	<0.0002		
6/20/2016				<0.0002	<0.0002
8/11/2016	<0.0002	<0.0002	<0.0002		
8/12/2016				<0.0002	<0.0002
10/4/2016		<0.0002			
10/5/2016	<0.0002		<0.0002	<0.0002	
10/6/2016					<0.0002
11/29/2016	<0.0002				
11/30/2016		<0.0002	<0.0002	<0.0002	<0.0002
2/7/2017		<0.0002			
2/8/2017	7.6E-05 (J)		7.5E-05 (J)	<0.0002	<0.0002
4/5/2017	<0.0002				
4/6/2017		<0.0002	<0.0002	<0.0002	<0.0002
6/20/2017		<0.0002			
6/21/2017	<0.0002		<0.0002	<0.0002	
6/22/2017					<0.0002
10/4/2017		<0.0002			
10/5/2017	<0.0002		<0.0002	<0.0002	
10/6/2017					<0.0002
3/20/2018	<0.0002 (X)	<0.0002 (X)			

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0002	<0.0002	<0.0002 (X)
10/2/2018	<0.0002 (X)	<0.0002			
10/3/2018			<0.0002 (X)	<0.0002 (X)	<0.0002 (X)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2019		<0.0002		<0.0002	<0.0002
9/12/2019	<0.0002		<0.0002		
3/18/2020		<0.0002		<0.0002	
3/19/2020	<0.0002		<0.0002		<0.0002
9/9/2020	<0.0002	<0.0002			
9/10/2020			<0.0002	<0.0002	<0.0002
4/1/2021		<0.0002			
4/2/2021					<0.0002
4/6/2021				<0.0002	
6/1/2021	<0.0002		<0.0002		
8/11/2021	<0.0002		<0.0002		
8/12/2021		<0.0002		<0.0002	<0.0002
2/15/2022		<0.0002		<0.0002	<0.0002
2/16/2022	<0.0002		0.00015 (J)		

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0002	<0.0002	<0.0002
5/11/2010	<0.0002	<0.0002			
6/16/2010					<0.0002
6/18/2010	<0.0002	<0.0002	<0.0002		
6/19/2010				<0.0002	
7/27/2010	<0.0002	<0.0002			<0.0002
7/28/2010			<0.0002	<0.0002	
9/8/2010				0.00011 (J)	<0.0002
9/9/2010	<0.0002	0.00017	<0.0002		
4/29/2011	<0.0002				<0.0002
4/30/2011		<0.0002	<0.0002	<0.0002	
10/27/2011				<0.0002	<0.0002
10/28/2011	<0.0002				
10/29/2011		<0.0002	7E-05 (J)		
5/3/2012					<0.0002
5/4/2012	<0.0002	<0.0002	<0.0002	<0.0002	
11/10/2012	<0.0002	<0.0002	<0.0002		
11/11/2012				<0.0002	<0.0002
5/9/2013	0.00016	0.00014	<0.0002		<0.0002
5/10/2013				0.00014	
11/6/2013	<0.0002				8.8E-05
11/7/2013		0.00011	0.00016	0.00019	
5/21/2014		<0.0002	<0.0002	<0.0002	<0.0002
5/22/2014	<0.0002				
11/9/2014	<0.0002	<0.0002			
11/12/2014			<0.0002		<0.0002
11/13/2014				<0.0002	
5/23/2015				<0.0002	<0.0002
5/24/2015	<0.0002	<0.0002	<0.0002		
11/11/2015	<0.0002	<0.0002	<0.0002	<0.0002	
11/12/2015					<0.0002
4/12/2016		<0.0002			
4/13/2016			<0.0002 (D)		<0.0002 (D)
4/19/2016	<0.0002			<0.0002	
6/20/2016		<0.0002	<0.0002		
6/22/2016	<0.0002				<0.0002
8/12/2016		<0.0002			
8/15/2016			<0.0002		<0.0002
8/16/2016	<0.0002				
10/6/2016	<0.0002	<0.0002	<0.0002		<0.0002
10/10/2016				0.000155 (D)	
11/30/2016		<0.0002			
12/1/2016	<0.0002		<0.0002	<0.0002	<0.0002
2/8/2017					<0.0002
2/9/2017	<0.0002	<0.0002	<0.0002	<0.0002	
4/6/2017	<0.0002	<0.0002			<0.0002
4/7/2017			<0.0002	<0.0002	
6/21/2017	<0.0002	<0.0002		<0.0002	<0.0002
6/22/2017			<0.0002		
8/15/2017				<0.0002	
9/1/2017				<0.0002	
10/5/2017	<0.0002				<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0002	<0.0002		
10/9/2017				8.9E-05 (J)	
3/21/2018		<0.0002 (X)			<0.0002
3/22/2018	<0.0002 (X)		<0.0002 (X)	<0.0002 (X)	
10/2/2018					<0.0002 (X)
10/3/2018	<0.0002 (X)	<0.0002 (X)			
10/4/2018			<0.0002 (X)	<0.0002	
3/26/2019		<0.0002			
3/27/2019	<0.0002		<0.0002	<0.0002	<0.0002
9/11/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002		<0.0002	<0.0002
3/19/2020			0.00011 (J)		
9/9/2020	<0.0002			<0.0002	<0.0002
9/10/2020		<0.0002	<0.0002		
4/1/2021	<0.0002		<0.0002		<0.0002
6/1/2021				<0.0002	
6/2/2021		<0.0002			
8/11/2021		<0.0002	<0.0002		
8/12/2021	<0.0002			<0.0002	<0.0002
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				0.0086 (O)	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	0.00202 (J)	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					0.00271
10/4/2016	<0.001	<0.001		<0.001	
10/5/2016			<0.001		<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	0.04 (O)	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	0.0018 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	0.00081 (J)	0.00037 (J)	0.0012	0.00065 (J)	
9/11/2019					0.0016
3/18/2020	0.00043 (J)	<0.001	<0.001	0.00056 (J)	0.0016
9/9/2020	0.00069 (J)	<0.001	0.00048 (J)	0.00047 (J)	0.0021
4/1/2021	0.00049 (J)	<0.001	0.0004 (J)	0.00073 (J)	0.0012
8/11/2021	0.00051 (J)	<0.001	<0.001		
8/18/2021				0.0017	
10/18/2021					0.002
2/15/2022	0.00065 (J)	<0.001	<0.001	0.00052 (J)	0.0022

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					0.0045 (O)
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
4/5/2017		<0.001			
4/6/2017	<0.001		<0.001	<0.001	<0.001
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.001				
9/11/2019	0.00066 (J)	0.00084 (J)	0.00039 (J)	<0.001	0.00048 (J)
3/18/2020	0.0005 (J)	0.0006 (J)	0.00061 (J)	<0.001	0.00034 (J)
9/9/2020				<0.001	0.00064 (J)
9/10/2020	0.0012	0.00088 (J)	0.00044 (J)		
4/1/2021	0.00065 (J)	0.00065 (J)		<0.001	<0.001
4/6/2021			0.00053 (J)		
8/11/2021	0.0006 (J)	0.0008 (J)	<0.001	<0.001	<0.001
2/16/2022	0.0007 (J)	0.00076 (J)	<0.001	<0.001	<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	0.0033 (O)	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				0.019 (O)	<0.001
9/7/2010	<0.001		<0.001	0.0093 (O)	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	0.003 (J)	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		0.0035 (J)	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				0.0081 (O)	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	0.01 (O)				
5/24/2015		<0.001	0.0063 (O)		
11/10/2015	<0.001		<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		0.00206 (J)	<0.001	<0.001 (D)	<0.001
10/4/2016		0.0023 (J)			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					0.0021 (J)
4/5/2017	<0.001				
4/6/2017		<0.001	0.002 (J)	<0.001	<0.001
10/4/2017		0.0021 (J)			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			
3/21/2018			<0.001	0.0022 (J)	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	0.0018 (J)	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	0.0036
9/10/2019		0.0022		0.0016	0.00079 (J)
9/12/2019	0.0015		0.00097 (J)		
3/18/2020		0.0016		0.00091 (J)	
3/19/2020	0.00047 (J)		0.00098 (J)		0.00073 (J)
9/9/2020	0.00039 (J)	0.0016			
9/10/2020			0.00098 (J)	0.0014	0.0013
4/1/2021		0.0022			

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					0.0012
4/5/2021	0.00047 (J)		0.00048 (J)		
4/6/2021				0.0018	
8/11/2021	<0.001		0.00056 (J)		
8/12/2021		0.0028		0.0029	0.00076 (J)
2/15/2022		0.0018		0.0013	0.00076 (J)
2/16/2022	<0.001		0.00055 (J)		

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	0.0034			
6/16/2010					<0.001
6/18/2010	<0.001	0.0046	<0.001		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				<0.001	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	0.008 (O)	
10/27/2011				0.0044 (J)	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	0.0032 (J)	
11/10/2012	<0.001	0.0053	<0.001		
11/11/2012				0.0069	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				0.0093 (O)	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	<0.001	0.0033 (J)	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				0.0049 (J)	
5/23/2015				0.003 (J)	<0.001
5/24/2015	0.006 (O)	0.0047	0.0044		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	0.00268 (J)			0.00247 (J)	
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
4/6/2017	0.0018 (J)	<0.001			<0.001
4/7/2017			<0.001	0.0022 (J)	
10/5/2017	<0.001				<0.001
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	0.0019 (J)		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	0.0007 (J)	0.00099 (J)	0.00046 (J)	0.0013	0.00063 (J)
3/18/2020	0.00068 (J)	0.00062 (J)		0.0044	<0.001
3/19/2020			<0.001		
9/9/2020	0.00039 (J)			0.0036	0.00046 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		0.0009 (J)	0.0007 (J)		
4/1/2021	0.00042 (J)		0.00036 (J)		0.00058 (J)
4/5/2021		0.00088 (J)		0.0058	
8/11/2021		0.00074 (J)	<0.001		
8/12/2021	0.00061 (J)			0.0035	0.00045 (J)
2/15/2022	0.001	0.00089 (J)	<0.001	0.0055	<0.001

Time Series

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/20/2014	5.27	6.18	5.68		
5/21/2014					6.3
5/23/2014				6.46	
11/8/2014		6.52	6.04		
11/12/2014	5.7				6.49
11/13/2014				6.67	
5/22/2015	5.52	6.3	5.87		
5/23/2015				6.53	6.3
11/9/2015			5.97		
11/11/2015	5.63	6.36		6.71	
11/12/2015					6.45
4/6/2016	5.5 (D)	6.46 (D)	5.937 (D)		
4/12/2016				6.53 (D)	
4/13/2016					6.42 (D)
6/15/2016	5.52	6.39	5.96		
6/16/2016				6.49	
6/21/2016					6.36
8/10/2016	5.5	6.39	5.94		
8/11/2016				6.5	
8/15/2016					6.3
10/4/2016	5.56	6.4		6.5	
10/5/2016			5.86		6.25
11/29/2016		6.36	5.82		
11/30/2016	5.46			6.48	
12/1/2016					6.32
2/7/2017	5.28 (O)	6.45	6.15	6.38	
2/8/2017					6.04
4/1/2017	5.48				
4/4/2017	5.48	6.37	6		
4/5/2017				6.36	
4/6/2017					6.35
6/20/2017	5.44	6.4	6.34	6.45	
6/21/2017					6.2
10/4/2017	5.44			6.5	
10/5/2017		6.42	5.93		6.21
3/20/2018	5.48	6.36	5.97	6.63	
3/21/2018					6.56
10/2/2018	5.49	6.38	6.03	6.57	6.35
3/26/2019	5.41	6.42	6.12	6.54	
3/27/2019					6.53
3/18/2020	5.42	6.29	6.03	6.53	6.34
9/9/2020	5.71	6.33	6.05	6.57	6.4
4/1/2021	5.31	6.44	6.14	6.52	6.35
8/11/2021	5.5	6.35	6.14		
10/18/2021				6.36	6.25
2/15/2022	5.4	6.46	6.2	6.83	6.48
5/12/2022				6.55 (R)	6.31 (R)

Time Series

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/20/2014	6.14	4.86	5.6	5.38	
5/23/2014					6.19
11/8/2014					6.42
11/12/2014	6.33	5.3	6.02	5.77	
5/22/2015					6.26
5/23/2015		5.04			
5/24/2015	6.04		5.81	5.53	
11/10/2015					6.29
11/11/2015				5.68	
11/12/2015	6.31	5.31	5.93		
4/11/2016					6.3 (D)
4/13/2016	6.17 (D)	5.22 (D)	5.88 (D)	5.58 (D)	
6/16/2016					6.34
6/21/2016	6.19	5.2	5.9	5.59	
8/11/2016					6.28
8/15/2016	6.15	5.12	5.86	5.56	
10/4/2016			5.85	5.66	
10/5/2016	6.1	5.07			6.27
10/7/2016		5.07	5.85		
11/29/2016					6.39
12/1/2016	6.15	5.08	5.85	5.54	
2/7/2017				5.42 (O)	
2/8/2017	5.9 (O)	4.76 (O)			6.35
2/9/2017			5.92		
4/5/2017		5.1			
4/6/2017	6.13		5.85	5.55	6.26
6/20/2017	6.12	5.13		5.57	
6/21/2017					6.24
6/22/2017			5.9		
10/5/2017	6.11	5.1		5.55	6.31
10/6/2017			5.88		
3/20/2018				5.73	6.34
3/21/2018	6.21	5.33			
3/22/2018			5.88		
10/2/2018	6.21	5.16		5.68	6.38
10/3/2018			5.95		
3/26/2019		5.25	5.89	5.63	6.38
3/27/2019	6.22				
3/18/2020	6.17	5.19	5.81	5.61	6.32
9/9/2020				5.88	6.3
9/10/2020	6.16	5.1	5.83		
4/1/2021	6.11	5.18		5.53	6.37
4/6/2021			5.95		
8/11/2021	6.21	5.2	5.92	5.61	6.43
2/16/2022	6.16	5.11	5.79	5.6	6.54
5/12/2022					6.39 (R)

Time Series

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/22/2014	6.37	6.74	6.33	5.82	6.17
11/8/2014	6.51				
11/9/2014			6.66	6.1	6.45
11/13/2014		6.94			
5/22/2015	6.35		6.49	5.92	6.26
5/24/2015		7			
11/10/2015	6.41		6.53		
11/11/2015		6.55			6.3
11/16/2015				6.02	
4/11/2016	6.36 (D)				
4/12/2016		6.52 (D)	6.53 (D)	5.97 (D)	6.44 (D)
6/16/2016	6.35	6.38	6.51		
6/20/2016				5.93	6.33
8/11/2016	6.37	6.38	6.49		
8/12/2016				5.86	
8/16/2016				5.86	6.3
10/4/2016		6.39			
10/5/2016	5.78 (O)		6.46	5.1 (O)	
10/6/2016					6.21
11/29/2016	6.44				
11/30/2016		6.38	6.5	5.88	6.26
2/7/2017		6.43			
2/8/2017	6.4		6.59	5.89	6.35
4/5/2017	6.35				
4/6/2017		6.23 (O)	6.47	5.84	6.29
6/20/2017		6.36			
6/21/2017	6.36		6.53	5.91	
6/22/2017					6.31
10/4/2017		6.35			
10/5/2017	6.41		6.51	5.93	
10/6/2017					5.9
3/20/2018	6.37	6.52			
3/21/2018			6.5	5.96	6.23
10/2/2018	6.41	6.51			
10/3/2018			6.48	5.97	6.25
3/26/2019	6.35	6.44	6.52	6.02	6.34
3/18/2020		6.41		5.9	
3/19/2020	6.27		6.47		6.32
9/9/2020	6.27	6.44			
9/10/2020			6.49	6.24	6.46
4/1/2021		7.32			
4/2/2021					6.35
4/5/2021	6.37		6.64		
4/6/2021				6.01	
6/1/2021	6.18		6.39		
8/11/2021	6.35		6.58		
8/12/2021		6.41		6.12	6.3
2/15/2022		6.61		5.87	6.37
2/16/2022	6.47		6.71		
5/12/2022			6.52 (R)		6.19 (R)

Time Series

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/21/2014		6.09	6.25	7.11	6.31
5/22/2014	5.89				
11/9/2014	6.14	6.36			
11/12/2014					6.81
11/13/2014				6.55	
5/23/2015				6.36	6.42
5/24/2015	5.7	6.17	6.32		
11/11/2015	5.78	6.19	6.35	6.36	
11/12/2015					6.7
4/12/2016		6.22			
4/13/2016			6.42		6.59
4/19/2016	5.55			6.4	
6/20/2016		6.2	6.4		
6/22/2016	5.6				6.49
6/23/2016				6.35	
8/12/2016		6.17			
8/15/2016			6.31		6.61
8/16/2016	5.7				
8/23/2016				6.29	
10/6/2016	5.64	6.14	6.27		6.55
10/10/2016				6.3	
11/30/2016		6.14			
12/1/2016	5.62		6.28	6.37	6.59
2/8/2017					6.63
2/9/2017	5.64	6.18	6.32	6.39	
2/27/2017				6.24	
4/6/2017	5.66	6.17			6.58
4/7/2017			6.28	6.93	
6/21/2017	5.68	6.17		7.11 (D)	6.56
6/22/2017			6.29		
8/15/2017				6.95	
9/1/2017				6.86	
10/5/2017	5.64				6.58
10/6/2017		6.19	5.96		
10/9/2017				6.75	
3/21/2018		6.21			6.76
3/22/2018	5.9		6.34	7.05	
10/2/2018					6.65
10/3/2018	5.74	6.22			
10/4/2018			6.36	7.26	
3/26/2019		6.25			
3/27/2019	5.78		6.38	6.69	6.7
3/18/2020	5.81	6.19		6.42	6.61
3/19/2020			6.41		
9/9/2020	6.08			6.3	6.8
9/10/2020		6.43	6.32		
4/1/2021	6.01		6.4		6.28
4/5/2021		6.36		6.35	
6/1/2021				6.28	
6/2/2021		6.09			
8/11/2021		6.14	6.26		
8/12/2021	5.87			6.37	6.66

Time Series

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
2/15/2022	6.16	6.1	6.22	6.34	6.61
5/12/2022	5.99 (R)				

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/10/2010					<0.005
5/11/2010				<0.005	
6/16/2010		<0.005	<0.005		<0.005
6/17/2010				<0.005	
6/18/2010	<0.005				
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	
7/28/2010	<0.005				<0.005
9/7/2010		<0.005	<0.005		
9/8/2010					<0.005
9/9/2010	<0.005			<0.005	
4/28/2011				<0.005	
4/29/2011		<0.005	<0.005		<0.005
4/30/2011	<0.005				
10/27/2011					<0.005
10/28/2011	<0.005	<0.005	<0.005		
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	
5/4/2012					<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	
11/11/2012					<0.005
5/8/2013	<0.005	<0.005	0.0044		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/21/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				<0.005
11/13/2014				<0.005	
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				0.0053	0.0043
11/9/2015		0.0043	<0.005		
11/11/2015	<0.005			<0.005	
11/12/2015					0.0046
4/6/2016	<0.005	<0.005	<0.005		
4/12/2016				<0.005	
4/13/2016					<0.005 (D)
6/15/2016	<0.005	<0.005	<0.005		
6/16/2016				<0.005	
6/21/2016					<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	
8/15/2016					<0.005
10/4/2016	<0.005	<0.005		0.00037 (J)	
10/5/2016			<0.005		<0.005
11/29/2016		0.00024 (J)	<0.005		
11/30/2016	<0.005			<0.005	

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.005
2/7/2017	<0.005	<0.005	<0.005	<0.005	
2/8/2017					<0.005
4/4/2017	0.00067 (J)	0.0017	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
6/20/2017	<0.005	<0.005	<0.005	<0.005	
6/21/2017					<0.005
10/4/2017	<0.005			<0.005	
10/5/2017		<0.005	0.00027 (J)		<0.005
3/20/2018	<0.005 (D)	<0.005	<0.005	<0.005 (X)	
3/21/2018					<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	
3/27/2019					<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005	
9/11/2019					<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/17/2021					<0.005
8/18/2021				<0.005	
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.005	<0.005	<0.005	
5/10/2010	<0.005				<0.005
6/16/2010	<0.005				<0.005
6/18/2010		<0.005	<0.005	<0.005	
7/26/2010					<0.005
7/27/2010	<0.005	<0.005			
7/28/2010				<0.005	
7/29/2010			<0.005		
9/7/2010					<0.005
9/8/2010	<0.005	<0.005			
9/9/2010			<0.005	<0.005	
4/26/2011			<0.005		
4/29/2011	<0.005	<0.005			<0.005
4/30/2011				<0.005	
10/27/2011	<0.005				
10/28/2011		0.004	<0.005	<0.005	<0.005
5/2/2012					<0.005
5/3/2012		<0.005		<0.005	
5/4/2012	<0.005		<0.005		
11/9/2012					<0.005
11/10/2012	<0.005	<0.005		<0.005	
11/11/2012			<0.005		
5/8/2013			<0.005	<0.005	<0.005
5/9/2013	<0.005	<0.005			
11/5/2013				<0.005	
11/6/2013	<0.005	<0.005			<0.005
11/7/2013			<0.005		
5/20/2014	<0.005	<0.005	<0.005	<0.005	
5/23/2014					<0.005
11/8/2014					<0.005
11/12/2014	<0.005	<0.005	<0.005	<0.005	
5/22/2015					<0.005
5/23/2015		<0.005			
5/24/2015	0.005		<0.005	<0.005	
11/10/2015					0.0041
11/11/2015				0.0052	
11/12/2015	0.0042	<0.005	<0.005		
4/11/2016					<0.005
4/13/2016	<0.005 (D)	<0.005 (D)	<0.005 (D)	<0.005 (D)	
6/16/2016					<0.005
6/21/2016	<0.005	<0.005	<0.005	<0.005	
8/11/2016					<0.005
8/15/2016	<0.005	<0.005	<0.005	<0.005	
10/4/2016				<0.005	
10/5/2016	<0.005	<0.005			<0.005
10/7/2016			<0.005		
11/29/2016					<0.005
12/1/2016	<0.005	<0.005	<0.005	0.00025 (J)	
2/7/2017				<0.005	
2/8/2017	<0.005	<0.005			<0.005
2/9/2017			<0.005		
4/5/2017		<0.005			

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.00031 (J)		<0.005	<0.005	<0.005
6/20/2017	<0.005	<0.005		<0.005	
6/21/2017					<0.005
6/22/2017			<0.005		
10/5/2017	<0.005	<0.005		<0.005	<0.005
10/6/2017			<0.005		
3/20/2018				<0.005	<0.005
3/21/2018	<0.005	<0.005 (D)			
3/22/2018			<0.005		
10/2/2018	<0.005	<0.005		<0.005	<0.005
10/3/2018			<0.005		
3/26/2019		<0.005	<0.005	<0.005	<0.005
3/27/2019	<0.005				
9/11/2019		<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020				<0.005	<0.005
9/10/2020	<0.005	<0.005	<0.005		
4/1/2021	<0.005	<0.005		<0.005	<0.005
4/6/2021			<0.005		
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.005	<0.005	<0.005	<0.005	<0.005
6/16/2010	<0.005				
6/17/2010			<0.005	<0.005	<0.005
6/19/2010		<0.005			
7/27/2010	<0.005	<0.005	<0.005		
7/28/2010				<0.005	<0.005
9/7/2010	<0.005		<0.005	<0.005	
9/8/2010					<0.005
9/9/2010		<0.005			
4/28/2011		<0.005			<0.005
4/29/2011	<0.005		<0.005	<0.005	
10/28/2011	<0.005	<0.005	<0.005	<0.005	
10/29/2011					<0.005
5/2/2012	<0.005				
5/3/2012		<0.005	<0.005	<0.005	<0.005
11/9/2012	<0.005	<0.005		<0.005	
11/10/2012			<0.005		<0.005
5/9/2013	<0.005	<0.005	<0.005		
5/10/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013	<0.005		<0.005	<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005				
11/9/2014			<0.005	<0.005	<0.005
11/13/2014		<0.005			
5/22/2015				<0.005	<0.005
5/23/2015	<0.005				
5/24/2015		0.0044	<0.005		
11/10/2015	0.0044		<0.005	<0.005	
11/11/2015		0.0045			<0.005
4/11/2016	<0.005				
4/12/2016		<0.005	<0.005	<0.005 (D)	<0.005
6/16/2016	<0.005	<0.005	<0.005		
6/20/2016				<0.005	<0.005
8/11/2016	<0.005	<0.005	<0.005		
8/12/2016				0.00036 (J)	<0.005
10/4/2016		<0.005			
10/5/2016	<0.005		<0.005	<0.005	
10/6/2016					<0.005
11/29/2016	<0.005				
11/30/2016		<0.005	<0.005	<0.005	<0.005
2/7/2017		<0.005			
2/8/2017	<0.005		<0.005	<0.005	<0.005
4/5/2017	<0.005				
4/6/2017		0.0023	<0.005	<0.005	<0.005
6/20/2017		<0.005			
6/21/2017	<0.005		<0.005	<0.005	
6/22/2017					<0.005
10/4/2017		<0.005			
10/5/2017	<0.005		<0.005	<0.005	
10/6/2017					<0.005
3/20/2018	<0.005	<0.005 (X)			

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.005	<0.005	<0.005 (X)
10/2/2018	<0.005	<0.005			
10/3/2018			<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019		<0.005		<0.005	<0.005
9/12/2019	<0.005		<0.005		
3/18/2020		<0.005		<0.005	
3/19/2020	<0.005		<0.005		<0.005
9/9/2020	<0.005	<0.005			
9/10/2020			<0.005	<0.005	<0.005
4/1/2021		<0.005			
4/2/2021					<0.005
4/5/2021	<0.005		<0.005		
4/6/2021				<0.005	
8/11/2021	<0.005		<0.005		
8/12/2021		<0.005		<0.005	<0.005
2/15/2022		<0.005		<0.005	0.0013 (J)
2/16/2022	<0.005		<0.005		

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.005	<0.005	<0.005
5/11/2010	<0.005	<0.005			
6/16/2010					<0.005
6/18/2010	<0.005	<0.005	<0.005		
6/19/2010				<0.005	
7/27/2010	<0.005	<0.005			<0.005
7/28/2010			<0.005	<0.005	
9/8/2010				<0.005	<0.005
9/9/2010	<0.005	<0.005	<0.005		
4/29/2011	<0.005				<0.005
4/30/2011		<0.005	<0.005	<0.005	
10/27/2011				<0.005	<0.005
10/28/2011	<0.005				
10/29/2011		<0.005	<0.005		
5/3/2012					<0.005
5/4/2012	<0.005	<0.005	<0.005	<0.005	
11/10/2012	<0.005	<0.005	<0.005		
11/11/2012				<0.005	<0.005
5/9/2013	<0.005	<0.005	<0.005		<0.005
5/10/2013				<0.005	
11/6/2013	<0.005				<0.005
11/7/2013		<0.005	<0.005	<0.005	
5/21/2014		<0.005	<0.005	<0.005	<0.005
5/22/2014	<0.005				
11/9/2014	<0.005	<0.005			
11/12/2014			<0.005		<0.005
11/13/2014				<0.005	
5/23/2015				0.0045	<0.005
5/24/2015	0.013 (J)	<0.005	0.0053		
11/11/2015	0.037	0.007	0.0049	0.0043	
11/12/2015					0.0065
4/12/2016		<0.005			
4/13/2016			<0.005 (D)		<0.005 (D)
4/19/2016	0.0587			<0.005	
6/20/2016		0.00032 (J)	<0.005		
6/22/2016	0.0435				<0.005
8/12/2016		0.00035 (J)			
8/15/2016			<0.005		<0.005
8/16/2016	0.029				
10/6/2016	0.027	0.00029 (J)	<0.005		<0.005
10/10/2016				<0.005	
11/30/2016		0.00026 (J)			
12/1/2016	0.029		<0.005	<0.005	<0.005
2/8/2017					<0.005
2/9/2017	0.031	<0.005	<0.005	<0.005	
4/6/2017	0.043	<0.005			<0.005
4/7/2017			<0.005	<0.005	
6/21/2017	0.052	0.00031 (J)		<0.005	<0.005
6/22/2017			<0.005		
8/15/2017				<0.005	
9/1/2017				0.00044 (J)	
10/5/2017	0.038				<0.005

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.005	<0.005		
10/9/2017				<0.005	
3/21/2018		<0.005 (X)			<0.005 (X)
3/22/2018	0.038		<0.005	0.00032 (J)	
10/2/2018					<0.005
10/3/2018	0.021	0.00056 (J)			
10/4/2018			<0.005	<0.005	
3/26/2019		<0.005			
3/27/2019	0.023		<0.005	<0.005	<0.005
9/11/2019	0.0079	<0.005	<0.005	<0.005	<0.005
3/18/2020	0.014	<0.005		<0.005	<0.005
3/19/2020			<0.005		
9/9/2020	0.0054			<0.005	<0.005
9/10/2020		<0.005	<0.005		
4/1/2021	0.0065		<0.005		<0.005
4/5/2021		<0.005		<0.005	
8/11/2021		<0.005	<0.005		
8/12/2021	0.0088			<0.005	<0.005
2/15/2022	0.0058	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
10/4/2016	<0.001	<0.001		0.00012 (J)	
10/5/2016			<0.001		<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
4/5/2017		<0.001			
4/6/2017	<0.001		<0.001	<0.001	<0.001
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			0.00031		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.001				
9/11/2019	<0.001 (D)	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001	<0.001	<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		<0.001		<0.001	
3/19/2020	<0.001		<0.001		<0.001
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					<0.001
4/5/2021	<0.001		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		<0.001	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<0.001		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				<0.001	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	<0.001	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
10/6/2016	<0.001	0.00012 (J)	<0.001		<0.001
10/10/2016				<0.001	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
10/5/2017	<0.001				<0.001
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.001	<0.001		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		<0.001	
8/11/2021		<0.001	<0.001		
8/12/2021	<0.001			<0.001	<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				0.617 (J)	
4/13/2016					0.51 (JD)
6/15/2016	<1	<1	<1		
6/16/2016				<1	
6/21/2016					0.58 (J)
8/10/2016	<1	<1	<1		
8/11/2016				<1	
8/15/2016					<1
10/4/2016	<1	<1		<1	
10/5/2016			<1		<1
11/29/2016		<1	<1		
11/30/2016	<1			<1	
12/1/2016					<1
2/7/2017	0.8 (J)	<1	<1	0.92 (J)	
2/8/2017					1
4/4/2017	<1	<1	<1		
4/5/2017				1	
4/6/2017					0.81 (J)
6/20/2017	<1	<1	<1	0.76 (J)	
6/21/2017					1.1
10/4/2017	<1			<1	
10/5/2017		<1	<1		1.1
3/20/2018	1.2	<1	<1	0.95 (J)	
3/21/2018					1.1
10/2/2018	<1	<1	<1	<1	1.2
3/26/2019	2.1	<1	0.58 (J)	0.53 (J)	
3/27/2019					1.6
9/10/2019	0.65 (J)	<1	0.44 (J)	0.69 (J)	
9/11/2019					1.8
3/18/2020	3.1	0.67 (J)	0.51 (J)	0.84 (J)	2.4
9/9/2020	1.6	<1	<1	0.77 (J)	2.6
4/1/2021	2.7	<1	<1	<1	2.7
8/11/2021	1.3	<1	<1		
8/17/2021					1.2
8/18/2021				0.79 (J)	
2/15/2022	2.6	<1	<1	1.5	3.5
5/12/2022					2.7 (R)

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					<1
4/13/2016	<1 (D)	<1 (D)	0.646 (JD)	<1 (D)	
6/16/2016					<1
6/21/2016	0.16 (J)	0.2 (J)	0.57 (J)	0.16 (J)	
8/11/2016					<1
8/15/2016	<1	<1	<1	<1	
10/4/2016				<1	
10/5/2016	<1	<1			<1
10/7/2016			<1		
11/29/2016					<1
12/1/2016	<1	<1	<1	<1	
2/7/2017				<1	
2/8/2017	<1	<1			<1
2/9/2017			<1		
4/5/2017		<1			
4/6/2017	<1		<1	<1	<1
6/20/2017	<1	<1		<1	
6/21/2017					<1
6/22/2017			<1		
10/5/2017	<1	<1		<1	<1
10/6/2017			<1		
3/20/2018				<1	<1
3/21/2018	<1	<1 (D)			
3/22/2018			<1		
10/2/2018	<1	<1		<1	<1
10/3/2018			<1		
3/26/2019		0.49 (J)	1.3	0.64 (J)	0.39 (J)
3/27/2019	<1				
9/11/2019	0.63 (J)	0.5 (J)	0.81 (J)	0.5 (J)	0.61 (J)
3/18/2020	<1	1.3	25 (o)	<1	0.62 (J)
9/9/2020				<1	<1
9/10/2020	<1	<1	1.3		
4/1/2021	<1	<1		<1	<1
4/6/2021			0.9 (J)		
8/11/2021	<1	<1	0.89 (J)	<1	<1
2/16/2022	<1	<1	<1	<1	<1

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	<1				
4/12/2016		0.56 (J)	<1	0.419 (JD)	3.56
6/16/2016	<1	<1	<1		
6/20/2016				0.6 (J)	2.4
8/11/2016	<1	<1	<1		
8/16/2016				<1	1.7
10/4/2016		<1			
10/5/2016	<1		<1	<1	
10/6/2016					1.2
11/29/2016	<1				
11/30/2016		<1	<1	1.1	1.2
2/7/2017		<1			
2/8/2017	<1		<1	<1	4.6
4/5/2017	<1				
4/6/2017		<1	<1	<1	4.1
6/20/2017		<1			
6/21/2017	<1		<1	<1	
6/22/2017					3.4
10/4/2017		<1			
10/5/2017	<1		<1	<1	
10/6/2017					3
3/20/2018	<1	<1			
3/21/2018			<1	<1	4.9
10/2/2018	<1	<1			
10/3/2018			<1	<1	2.9
3/26/2019	<1	0.99 (J)	0.45 (J)	0.47 (J)	3.2
9/10/2019		0.63 (J)		0.7 (J)	1.7
9/12/2019	<1		<1		
3/18/2020		0.59 (J)		0.6 (J)	
3/19/2020	0.64 (J)		0.71 (J)		4.6
9/9/2020	1.2	0.59 (J)			
9/10/2020			<1	<1	1.6
4/1/2021		1.1			
4/2/2021					4.6
4/6/2021				<1	
6/1/2021	1.9		1.4		
8/11/2021	<1		<1		
8/12/2021		<1		<1	3.5
2/15/2022		0.79 (J)		0.91 (J)	20
2/16/2022	<1		<1		
5/12/2022					33 (R)

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		7.55			
4/13/2016			<1 (D)		8.66 (D)
4/19/2016	575 (o)			32.7	
6/20/2016		14	0.36 (J)		
6/22/2016	470				6.3
8/15/2016			<1		8
8/16/2016	360	12			
10/6/2016	300	13	<1		10
10/10/2016				33	
11/30/2016		14			
12/1/2016	340		<1	31	15
2/8/2017					13
2/9/2017	350	9.5	<1	34	
4/6/2017	380	9.7			14
4/7/2017			<1	37	
6/21/2017	490	13		35	11
6/22/2017			<1		
8/15/2017				42	
9/1/2017				40	
10/5/2017	380				10
10/6/2017		7.3	<1		
3/21/2018		9.5			12
3/22/2018	400		<1	39	
10/2/2018					8.2
10/3/2018	270	10			
10/4/2018			<1	30	
3/26/2019		6.3			
3/27/2019	260		0.51 (J)	18	6.8
9/11/2019	130	12	0.52 (J)	32	9.6
3/18/2020	170	5.6		16	6.9
3/19/2020			0.54 (J)		
9/9/2020	110			11	8.4
9/10/2020		9.4	<1		
4/1/2021	100		<1		9.7
6/1/2021				17	
6/2/2021		13			
8/11/2021		11	<1		
8/12/2021	140			27	9.7
2/15/2022	100	13	<1	11	7.2

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	0.0003	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		<0.001	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	
6/21/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	0.00021 (J)	0.00023 (J)	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00049 (J)	<0.001
9/9/2020	0.00025 (J)	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	0.00027 (J)	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<0.001	<0.001	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
11/29/2016					<0.001
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001		<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	<0.001	<0.001	<0.001		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				<0.001	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
6/20/2017		<0.001			
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017					<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		0.00025 (J)		<0.001	
3/19/2020	<0.001		<0.001		0.00036 (J)
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	0.00032 (J)		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		<0.001	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<0.001		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				<0.001	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	0.00027		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	0.00026	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		<0.001	<0.001		
6/22/2016	<0.001				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	<0.001	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	<0.001	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		<0.001	<0.001
6/22/2017			<0.001		
8/15/2017				<0.001	
9/1/2017				<0.001	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001
9/10/2020		<0.001	0.00019 (J)		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		0.0003 (J)		0.00081 (J)	
8/11/2021		0.0002 (J)	0.00043 (J)		
8/12/2021	0.00037 (J)			0.00043 (J)	0.00016 (J)
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 7/6/2022 8:05 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	38	84	61		
4/12/2016				147	
4/13/2016					103 (D)
6/15/2016	<10	139	113		
6/16/2016				150	
6/21/2016					214 (O)
8/10/2016	56	80	74		
8/11/2016				110	
8/15/2016					130
10/4/2016	48	62		140	
10/5/2016			44		84
11/29/2016		110	58		
11/30/2016	46			130	
12/1/2016					130
2/7/2017	18	70	4 (J)	130	
2/8/2017					130
4/4/2017	32	120	78		
4/5/2017				130	
4/6/2017					130
6/20/2017	38	76	50	120	
6/21/2017					120
10/4/2017	42			130	
10/5/2017		110	64		140
3/20/2018	20 (JX)	110	90	110	
3/21/2018					120
10/2/2018	48	110	90	140	150
3/26/2019	45	100	82	150	
3/27/2019					140
9/10/2019	42	75	51	130	
9/11/2019					110
3/18/2020	43	93	75	130	140
9/9/2020	<10	66	64	120	160
4/1/2021	55	100	68	120	140
8/11/2021	55	100	94		
8/17/2021					160
8/18/2021				150	
2/15/2022	42	99	79	120	150

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 7/6/2022 8:05 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					89
4/13/2016	99 (D)	<10 (D)	60 (D)	56 (D)	
6/16/2016					88
6/21/2016	293	110	195 (O)	68	
8/11/2016					52
8/15/2016	90	<10	42	46	
10/4/2016				60	
10/5/2016	70	<10			76
10/7/2016			24		
11/29/2016					72
12/1/2016	120	16	68	70	
2/7/2017				40	
2/8/2017	86	12			74
2/9/2017			56		
4/5/2017		18			
4/6/2017	130		68	74	84
6/20/2017	86	<10		34	
6/21/2017					88
6/22/2017			56		
10/5/2017	94	28		98	110
10/6/2017			90		
3/20/2018				42	92
3/21/2018	100	28 (JX)			
3/22/2018			76		
10/2/2018	120	38		40	100
10/3/2018			22		
3/26/2019		29	59	60	94
3/27/2019	100				
9/11/2019	94	14	33	26	77
3/18/2020	100	26	100	57	92
9/9/2020				54	77
9/10/2020	95	13	60		
4/1/2021	90	17		43	62
4/6/2021			55		
8/11/2021	120	18	75	71	98
2/16/2022	79	16	55	46	70

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 7/6/2022 8:05 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	99				
4/12/2016		93	104	92 (D)	80
6/16/2016	102	130	111		
6/20/2016				78	111
8/11/2016	38	92	70		
8/16/2016				76	100
10/4/2016		120			
10/5/2016	26		92	64	
10/6/2016					110
11/29/2016	82				
11/30/2016		130	92	82	110
2/7/2017		36			
2/8/2017	78		98	92	120
4/5/2017	100				
4/6/2017		150	92	88	130
6/20/2017		92			
6/21/2017	100		100	88	
6/22/2017					110
10/4/2017		120			
10/5/2017	100		130	86	
10/6/2017					120
3/20/2018	100	120			
3/21/2018			100	98	160
10/2/2018	130	140			
10/3/2018			130	60	120
3/26/2019	100	130	110	86	130
9/10/2019		140		66	93
9/12/2019	70		84		
3/18/2020		140		72	
3/19/2020	110		120		130
9/9/2020	120	110			
9/10/2020			110	59	130
4/1/2021		120			
4/2/2021					150
4/6/2021				81	
6/1/2021	130		120		
8/11/2021	120		110		
8/12/2021		130		89	130
2/15/2022		120		53	140
2/16/2022	110		110		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 7/6/2022 8:05 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		138			
4/13/2016			130 (D)		135 (D)
4/19/2016	1290			179	
6/20/2016		154	116		
6/22/2016	1060				199
8/15/2016			92		120
8/16/2016	880	140			
10/6/2016	820	150	110		140
10/10/2016				110 (O)	
11/30/2016		160			
12/1/2016	900		140	170	160
2/8/2017					130
2/9/2017	940	160	120	180	
4/6/2017	1100	140			140
4/7/2017			120	200	
6/21/2017	1200	150		190	150
6/22/2017			100		
8/15/2017				190	
9/1/2017				160	
10/5/2017	950				170
10/6/2017		160	140		
3/21/2018		170			160
3/22/2018	1000		130	220	
10/2/2018					34
10/3/2018	620	120			
10/4/2018			110		
10/17/2018				170	
3/26/2019		130			
3/27/2019	580		120	300	140
9/11/2019	310	120	100	210	130
3/18/2020	430	140		300	130
3/19/2020			98		
9/9/2020	270			360	150
9/10/2020		140	120		
4/1/2021	260		110		120
6/1/2021				340	
6/2/2021		140			
8/11/2021		160	130		
8/12/2021	370			240	150
2/15/2022	290	140	140	330	140

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.0024 (J)		
5/9/2010	<0.001	0.0049 (J)			
5/10/2010					0.011
5/11/2010				0.012	
6/16/2010		0.0054 (J)	0.002 (J)		0.01
6/17/2010				0.0082 (J)	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		0.0055 (J)		0.0096 (J)	
7/28/2010	<0.001				0.011
9/7/2010		0.005 (J)	0.0026 (J)		
9/8/2010					0.011
9/9/2010	<0.001			0.0098 (J)	
4/28/2011				0.0085 (J)	
4/29/2011		0.005 (J)	0.0036 (J)		0.01
4/30/2011	<0.001				
10/27/2011					0.014
10/28/2011	<0.001	0.0081 (J)	<0.001		
10/29/2011				0.011	
5/2/2012	<0.001	0.0059 (J)	0.003 (J)		
5/3/2012				0.013	
5/4/2012					0.0096 (J)
11/9/2012	<0.001	0.0062 (J)	0.0081 (J)	0.013	
11/11/2012					0.011
5/8/2013	<0.001	0.0079 (J)	<0.001		
5/9/2013				0.012	0.011
11/5/2013	<0.001			0.015	0.013
11/6/2013		0.0068 (J)	0.0032 (J)		
5/20/2014	<0.001	0.0074 (J)	0.0036 (J)		
5/21/2014					0.012
5/23/2014				0.015	
11/8/2014		0.0097 (J)	0.0065 (J)		
11/12/2014	0.0035 (J)				0.016
11/13/2014				0.02	
5/22/2015	<0.001	0.0085 (J)	<0.001		
5/23/2015				0.018	0.011
11/9/2015		<0.001	0.0047 (J)		
11/11/2015	<0.001			0.018	
11/12/2015					0.0053 (J)
4/6/2016	<0.001	0.00726 (J)	0.00424 (J)		
4/12/2016				0.0173	
4/13/2016					0.0124 (D)
10/4/2016	0.0031	0.013		0.021	
10/5/2016			0.0049		0.013
4/4/2017	<0.001	0.0046	0.0048		
4/5/2017				0.017	
4/6/2017					0.013
10/4/2017	0.0021 (J)			0.02	
10/5/2017		0.0071	0.0024 (J)		0.015
3/20/2018	<0.001 (D)	0.0067	0.0041	0.016	
3/21/2018					0.012
10/2/2018	<0.001	0.0069	0.004	0.017	0.012

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.001	0.007	0.0051	0.017	
3/27/2019					0.012
9/10/2019	0.0022	0.01	0.0091	0.02	
9/11/2019					0.017
3/18/2020	0.0011	0.0078	0.0051	0.02	0.013
9/9/2020	<0.001	0.0072	0.0053	0.018	0.012
4/1/2021	<0.001	0.0078	0.005	0.019	0.013
8/11/2021	<0.001	0.0082	0.0055		
8/18/2021				0.018	
10/18/2021					0.013
2/15/2022	<0.001	0.0077	0.0052	0.018	0.012

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	0.009 (J)				0.0052 (J)
6/16/2010	0.0089 (J)				0.0059 (J)
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					0.0052 (J)
7/27/2010	0.0089 (J)	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					0.0056 (J)
9/8/2010	0.009 (J)	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	0.0082 (J)	<0.001			0.005 (J)
4/30/2011				<0.001	
10/27/2011	0.009 (J)				
10/28/2011		<0.001	<0.001	<0.001	0.0048 (J)
5/2/2012					0.0057 (J)
5/3/2012		<0.001		<0.001	
5/4/2012	0.0091 (J)		<0.001		
11/9/2012					0.0057 (J)
11/10/2012	0.0096 (J)	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			0.0039 (J)	<0.001	0.0069 (J)
5/9/2013	0.01	<0.001			
11/5/2013				<0.001	
11/6/2013	0.01	<0.001			0.0052 (J)
11/7/2013			<0.001		
5/20/2014	0.011	<0.001	<0.001	<0.001	
5/23/2014					0.0081 (J)
11/8/2014					0.01
11/12/2014	0.012	0.0032 (J)	0.004 (J)	<0.001	
5/22/2015					0.0052 (J)
5/23/2015		<0.001			
5/24/2015	0.012		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					0.00604 (J)
4/13/2016	0.00976 (JD)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
10/4/2016				0.0026	
10/5/2016	0.013	<0.001			0.0075
10/7/2016			<0.001		
4/5/2017		<0.001			
4/6/2017	0.011		<0.001	<0.001	0.0065
10/5/2017	0.013	0.0022 (J)		0.0024 (J)	0.0052
10/6/2017			0.0032		
3/20/2018				<0.001	0.0064
3/21/2018	0.0098	<0.0014 (JX)			
3/22/2018			<0.001		
10/2/2018	0.01	<0.001		<0.001	0.0064
10/3/2018			<0.001		
3/26/2019		0.0029	0.0041	0.0034	0.0094

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	0.012				
9/11/2019	0.015	0.0052	0.0062	0.0062	0.011
3/18/2020	0.011	<0.001	0.001	<0.001	0.0075
9/9/2020				<0.001	0.007
9/10/2020	0.01	<0.001	0.0011		
4/1/2021	0.011	<0.001		0.0013	0.0081
4/6/2021			0.0028		
8/11/2021	0.011	<0.001	0.0013	0.0012	0.008
2/16/2022	0.0099	<0.001	0.0011	0.00091 (J)	0.0066

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.0064 (J)	0.0078 (J)	0.014	0.0046 (J)	0.0068 (J)
6/16/2010	0.0061 (J)				
6/17/2010			0.014	0.0046 (J)	0.0079 (J)
6/19/2010		<0.001			
7/27/2010	0.006 (J)	0.0096 (J)	0.016		
7/28/2010				0.019 (O)	0.0077 (J)
9/7/2010	0.0066 (J)		0.017	0.0072 (J)	
9/8/2010					0.0077 (J)
9/9/2010		0.0095 (J)			
4/28/2011		0.01			0.0099 (J)
4/29/2011	0.0066 (J)		0.015	0.0052 (J)	
10/28/2011	0.0057 (J)	0.014	0.016	0.0059 (J)	
10/29/2011					0.006 (J)
5/2/2012	0.006 (J)				
5/3/2012		0.013	0.016	0.0049 (J)	0.0084 (J)
11/9/2012	0.0073 (J)	0.012		0.007 (J)	
11/10/2012			0.018		0.0061 (J)
5/9/2013	0.0069 (J)	0.012	0.019		
5/10/2013				0.0094 (J)	0.009 (J)
11/5/2013		0.014			
11/6/2013	0.0077 (J)		0.019	0.0059 (J)	0.0089 (J)
5/22/2014	0.0075 (J)	0.013	0.018	0.0057 (J)	0.0084 (J)
11/8/2014	0.0081 (J)				
11/9/2014			0.02	0.0069 (J)	0.0076 (J)
11/13/2014		0.016			
5/22/2015				0.006 (J)	0.011
5/23/2015	0.01				
5/24/2015		0.014	0.016		
11/10/2015	0.0033 (J)		0.01	0.011	
11/11/2015		0.014			0.0034 (J)
4/11/2016	0.00756 (J)				
4/12/2016		0.0155	0.019	0.00503 (JD)	0.00654 (J)
10/4/2016		0.017			
10/5/2016	0.0084		<0.001	<0.001	
10/6/2016					<0.001
4/5/2017	0.0086				
4/6/2017		0.015	0.02	0.0056	0.0073
10/4/2017		0.015			
10/5/2017	0.0062		0.02	0.0061	
10/6/2017					0.0087
3/20/2018	0.0072	0.014			
3/21/2018			0.021	0.0097	0.0058
10/2/2018	0.0073	0.015			
10/3/2018			0.017	0.0053	0.006
3/26/2019	0.0094	0.016	0.018	0.0076	0.011
9/10/2019		0.018		0.0078	0.0086
9/12/2019	0.0083		0.02		
3/18/2020		0.016		0.0051	
3/19/2020	0.008		0.019		0.0065
9/9/2020	0.0071	0.014			
9/10/2020			0.018	0.0061	0.0068
4/1/2021		0.014			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					0.0081
4/5/2021	0.0068		0.017		
4/6/2021				0.0075	
8/11/2021	0.0076		0.019		
8/12/2021		0.016		0.0087	0.007
2/15/2022		0.016		0.0064	0.0059
2/16/2022	0.0068		0.018		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.011	0.013	0.0097 (J)
5/11/2010	0.0038 (J)	0.0055			
6/16/2010					0.01
6/18/2010	0.0044 (J)	0.0071 (J)	0.017		
6/19/2010				0.0075 (J)	
7/27/2010	0.0054 (J)	0.0085 (J)			0.012
7/28/2010			0.012	0.01	
9/8/2010				0.038	0.013
9/9/2010	0.0053 (J)	0.0088 (J)	0.013		
4/29/2011	0.0039 (J)				0.0097 (J)
4/30/2011		0.0094 (J)	0.012	0.053 (O)	
10/27/2011				0.016	0.015
10/28/2011	<0.001				
10/29/2011		0.009 (J)	0.013		
5/3/2012					0.017
5/4/2012	<0.001	0.0084 (J)	0.012	0.018	
11/10/2012	0.0035 (J)	0.0089 (J)	0.012		
11/11/2012				0.025	0.017
5/9/2013	0.004 (J)	0.0071 (J)	0.013		0.014
5/10/2013				0.09 (O)	
11/6/2013	0.0034 (J)				0.019
11/7/2013		0.0094 (J)	0.014	0.02	
5/21/2014		0.0082 (J)	0.013	0.016	0.016
5/22/2014	0.0047 (J)				
11/9/2014	0.0067 (J)	0.013			
11/12/2014			0.015		0.022
11/13/2014				0.065 (O)	
5/23/2015				0.032	0.016
5/24/2015	0.0033 (J)	0.009 (J)	0.015		
11/11/2015	<0.001	0.0052	0.0055 (J)	0.033	
11/12/2015					0.015
4/12/2016		0.00896 (J)			
4/13/2016			0.0127 (D)		0.0144 (D)
4/19/2016	<0.001			0.0233	
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				0.01425 (D)	
4/6/2017	0.0018 (J)	0.0089			0.016
4/7/2017			0.013	0.0044	
10/5/2017	<0.001				0.024
10/6/2017		0.011	0.015		
10/9/2017				0.0047	
3/21/2018		0.0077			0.018
3/22/2018	0.0018 (J)		0.012	0.0043	
10/2/2018					0.021
10/3/2018	0.0018 (J)	0.0081			
10/4/2018			0.012	<0.001	
3/26/2019		0.012			
3/27/2019	0.002 (J)		0.013	0.003	0.019
9/11/2019	0.0047	0.012	0.015	0.0042	0.025
3/18/2020	0.002	0.0099		0.0031	0.012
3/19/2020			0.014		
9/9/2020	0.002			<0.001	0.022

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		0.0094	0.014		
4/1/2021	0.0027		0.014		0.0095
4/5/2021		0.0091		0.0023	
8/11/2021		0.0099	0.013		
8/12/2021	0.0021			<0.001	0.02
2/15/2022	0.0026	0.0094	0.013	0.00079 (J)	0.017

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/10/2010					<0.005
5/11/2010				<0.005	
6/16/2010		<0.005	<0.005		<0.005
6/17/2010				<0.005	
6/18/2010	<0.005				
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	
7/28/2010	<0.005				<0.005
9/7/2010		<0.005	<0.005		
9/8/2010					<0.005
9/9/2010	<0.005			<0.005	
4/28/2011				<0.005	
4/29/2011		<0.005	<0.005		<0.005
4/30/2011	<0.005				
10/27/2011					<0.005
10/28/2011	<0.005	<0.005	<0.005		
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	
5/4/2012					<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	
11/11/2012					<0.005
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/21/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				<0.005
11/13/2014				<0.005	
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				<0.005	<0.005
11/9/2015		<0.005	<0.005		
11/11/2015	<0.005			<0.005	
11/12/2015					<0.005
4/6/2016	<0.005	<0.005	0.00274 (J)		
4/12/2016				<0.005	
4/13/2016					<0.005 (D)
10/4/2016	<0.005	<0.005		<0.005	
10/5/2016			0.0073 (J)		<0.005
4/4/2017	<0.005	<0.005	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
10/4/2017	<0.005			<0.005	
10/5/2017		<0.005	<0.005		<0.005
3/20/2018	<0.005 (D)	<0.005	<0.005	<0.005	
3/21/2018					<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.005	<0.005	<0.005	<0.005	
3/27/2019					<0.005
9/10/2019	0.006	0.0047 (J)	0.0084	0.0038 (J)	
9/11/2019					0.004 (J)
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/18/2021				<0.005	
10/18/2021					<0.005
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.005	<0.005	<0.005	
5/10/2010	<0.005				<0.005
6/16/2010	<0.005				<0.005
6/18/2010		<0.005	<0.005	<0.005	
7/26/2010					<0.005
7/27/2010	<0.005	<0.005			
7/28/2010				<0.005	
7/29/2010			<0.005		
9/7/2010					<0.005
9/8/2010	<0.005	<0.005			
9/9/2010			<0.005	<0.005	
4/26/2011			<0.005		
4/29/2011	<0.005	<0.005			<0.005
4/30/2011				<0.005	
10/27/2011	<0.005				
10/28/2011		<0.005	<0.005	<0.005	<0.005
5/2/2012					<0.005
5/3/2012		<0.005		<0.005	
5/4/2012	<0.005		<0.005		
11/9/2012					<0.005
11/10/2012	<0.005	<0.005		<0.005	
11/11/2012			<0.005		
5/8/2013			<0.005	<0.005	<0.005
5/9/2013	<0.005	<0.005			
11/5/2013				<0.005	
11/6/2013	<0.005	<0.005			<0.005
11/7/2013			<0.005		
5/20/2014	<0.005	<0.005	<0.005	<0.005	
5/23/2014					<0.005
11/8/2014					<0.005
11/12/2014	<0.005	<0.005	<0.005	<0.005	
5/22/2015					<0.005
5/23/2015		<0.005			
5/24/2015	<0.005		<0.005	<0.005	
11/10/2015					<0.005
11/11/2015				<0.005	
11/12/2015	<0.005	<0.005	<0.005		
4/11/2016					<0.005
4/13/2016	0.00241 (JD)	0.00409 (JD)	0.00289 (JD)	<0.005 (D)	
10/4/2016				<0.005	
10/5/2016	<0.005	<0.005			<0.005
10/7/2016			<0.005		
4/5/2017		<0.005			
4/6/2017	<0.005		<0.005	<0.005	<0.005
10/5/2017	<0.005	<0.005		<0.005	<0.005
10/6/2017			0.0071 (J)		
3/20/2018				<0.005	<0.005
3/21/2018	0.007 (J)	<0.005 (D)			
3/22/2018			<0.005		
10/2/2018	0.022 (O)	<0.005		<0.005	<0.005
10/3/2018			<0.005		
3/26/2019		<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.005				
9/11/2019	0.0072	0.0065	0.0085	0.0038 (J)	0.0077
3/18/2020	<0.005	0.005	0.0052	<0.005	<0.005
9/9/2020				<0.005	<0.005
9/10/2020	0.018	0.0037 (J)	0.0038 (J)		
4/1/2021	0.0034 (J)	<0.005		<0.005	<0.005
4/6/2021			0.004 (J)		
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	0.0034 (J)	0.0032 (J)	0.004 (J)	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.005	<0.005	<0.005	0.018 (O)	<0.005
6/16/2010	<0.005				
6/17/2010			<0.005	<0.005	<0.005
6/19/2010		<0.005			
7/27/2010	<0.005	<0.005	<0.005		
7/28/2010				0.016 (O)	<0.005
9/7/2010	<0.005		<0.005	<0.005	
9/8/2010					<0.005
9/9/2010		<0.005			
4/28/2011		<0.005			<0.005
4/29/2011	<0.005		<0.005	<0.005	
10/28/2011	<0.005	<0.005	<0.005	<0.005	
10/29/2011					<0.005
5/2/2012	<0.005				
5/3/2012		<0.005	<0.005	<0.005	<0.005
11/9/2012	<0.005	<0.005		<0.005	
11/10/2012			<0.005		<0.005
5/9/2013	<0.005	<0.005	<0.005		
5/10/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013	<0.005		<0.005	<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005				
11/9/2014			<0.005	<0.005	<0.005
11/13/2014		<0.005			
5/22/2015				<0.005	<0.005
5/23/2015	<0.005				
5/24/2015		<0.005	<0.005		
11/10/2015	<0.005	<0.005	<0.005	<0.005	
11/11/2015		<0.005			<0.005
4/11/2016	<0.005				
4/12/2016		<0.005	<0.005	<0.005 (D)	0.00203 (J)
10/4/2016		<0.005			
10/5/2016	0.0085 (O)		<0.005	0.01 (O)	
10/6/2016					<0.005
4/5/2017	<0.005				
4/6/2017		<0.005	<0.005	<0.005	<0.005
10/4/2017		<0.005			
10/5/2017	<0.005		<0.005	<0.005	
10/6/2017					<0.005
3/20/2018	<0.005	<0.005			
3/21/2018			<0.005	<0.005	<0.005
10/2/2018	<0.005	<0.005			
10/3/2018			<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019		0.004 (J)		0.0069	0.006
9/12/2019	0.0059		0.0065		
3/18/2020		<0.005		<0.005	
3/19/2020	<0.005		<0.005		<0.005
9/9/2020	<0.005	<0.005			
9/10/2020			<0.005	<0.005	<0.005
4/1/2021		0.01			

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					<0.005
4/5/2021	<0.005		<0.005		
4/6/2021				<0.005	
8/11/2021	<0.005		<0.005		
8/12/2021		<0.005		0.0035 (J)	<0.005
2/15/2022		<0.005		<0.005	<0.005
2/16/2022	<0.005		<0.005		

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.005	<0.005	<0.005
5/11/2010	<0.005	<0.005			
6/16/2010					<0.005
6/18/2010	<0.005	<0.005	<0.005		
6/19/2010				0.0081 (J)	
7/27/2010	<0.005	<0.005			<0.005
7/28/2010			<0.005	0.017 (J)	
9/8/2010				0.085	<0.005
9/9/2010	<0.005	<0.005	<0.005		
4/29/2011	<0.005				<0.005
4/30/2011		<0.005	<0.005	0.13 (O)	
10/27/2011				0.03	<0.005
10/28/2011	<0.005				
10/29/2011		<0.005	<0.005		
5/3/2012					<0.005
5/4/2012	<0.005	<0.005	<0.005	0.029	
11/10/2012	<0.005	<0.005	<0.005		
11/11/2012				0.046	<0.005
5/9/2013	<0.005	<0.005	<0.005		<0.005
5/10/2013				0.23 (O)	
11/6/2013	<0.005				<0.005
11/7/2013		<0.005	<0.005	0.028	
5/21/2014		<0.005	<0.005	0.015 (J)	<0.005
5/22/2014	<0.005				
11/9/2014	<0.005	<0.005			
11/12/2014			<0.005		<0.005
11/13/2014				0.13 (O)	
5/23/2015				0.059	<0.005
5/24/2015	<0.005	<0.005	<0.005		
11/11/2015	0.0089 (J)	<0.005	<0.005	0.079	
11/12/2015					<0.005
4/12/2016		<0.005			
4/13/2016			<0.005 (D)		<0.005 (D)
4/19/2016	0.0133 (O)			0.0218	
10/6/2016	<0.005	<0.005	<0.005		<0.005
10/10/2016				0.013 (J)	
4/6/2017	0.0087 (J)	<0.005			<0.005
4/7/2017			<0.005	<0.005	
10/5/2017	0.0078 (J)				<0.005
10/6/2017		<0.005	<0.005		
10/9/2017				<0.005	
3/21/2018		<0.005			<0.005
3/22/2018	0.0086 (J)		<0.005	<0.005	
10/2/2018					<0.005
10/3/2018	<0.005	<0.005			
10/4/2018			<0.005	<0.005	
3/26/2019		<0.005			
3/27/2019	<0.005		<0.005	<0.005	<0.005
9/11/2019	0.0074	0.0062	0.0074	0.0052	0.0037 (J)
3/18/2020	0.0045 (J)	<0.005		<0.005	<0.005
3/19/2020			<0.005		
9/9/2020	<0.005			<0.005	<0.005

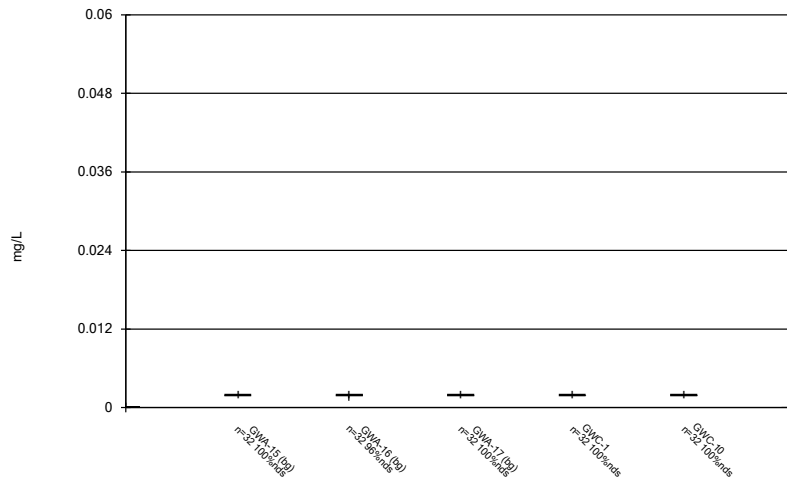
Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.005	<0.005		
4/1/2021	<0.005		<0.005		<0.005
4/5/2021		<0.005		<0.005	
8/11/2021		<0.005	<0.005		
8/12/2021	0.0034 (J)			<0.005	<0.005
2/15/2022	0.0034 (J)	<0.005	0.0037 (J)	<0.005	<0.005

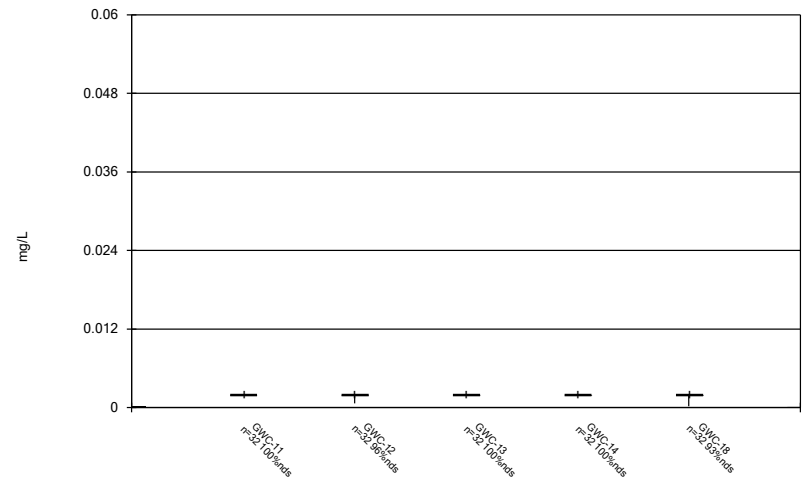
FIGURE B.

Box & Whiskers Plot



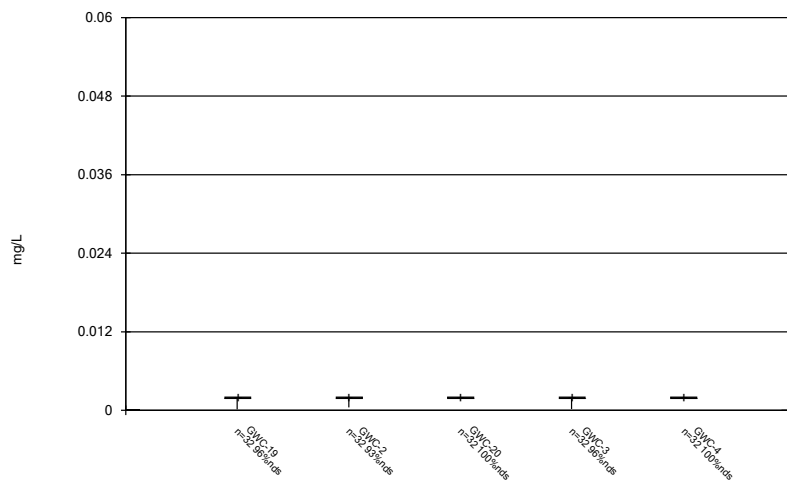
Constituent: Antimony, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



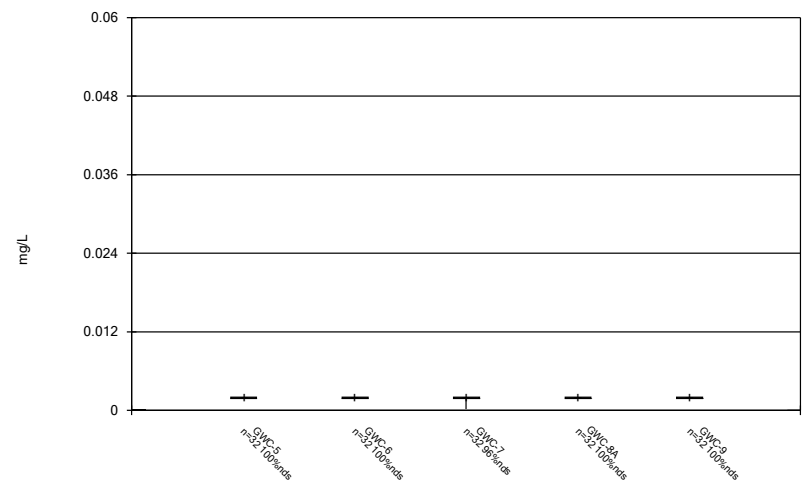
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



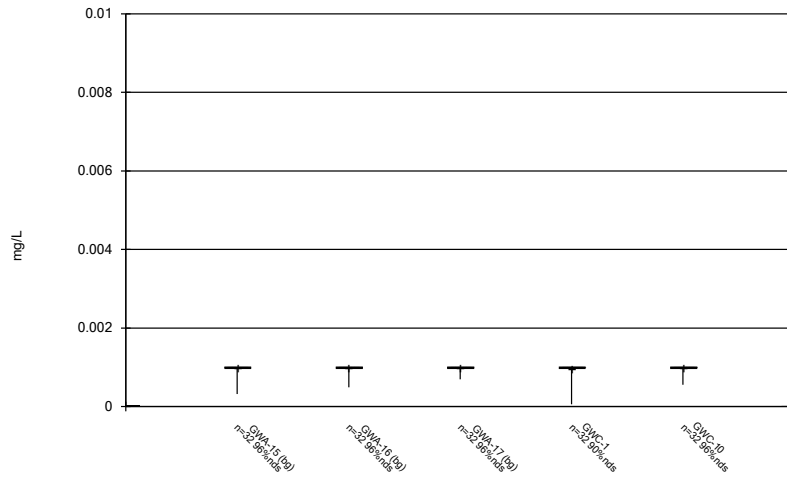
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



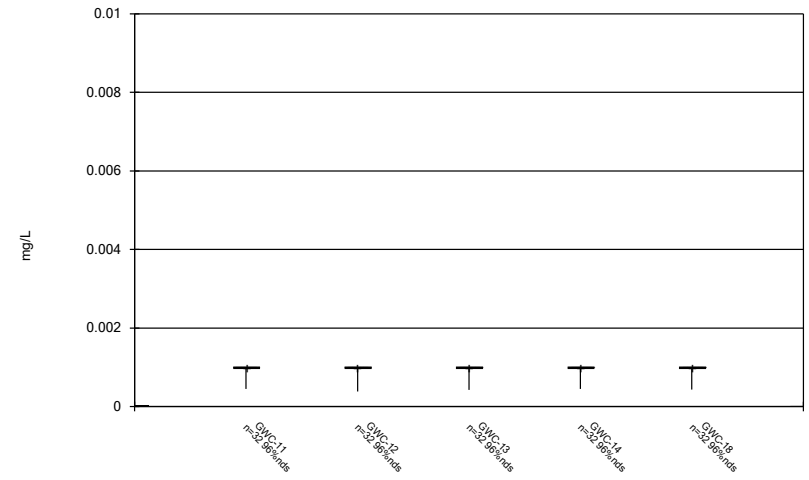
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



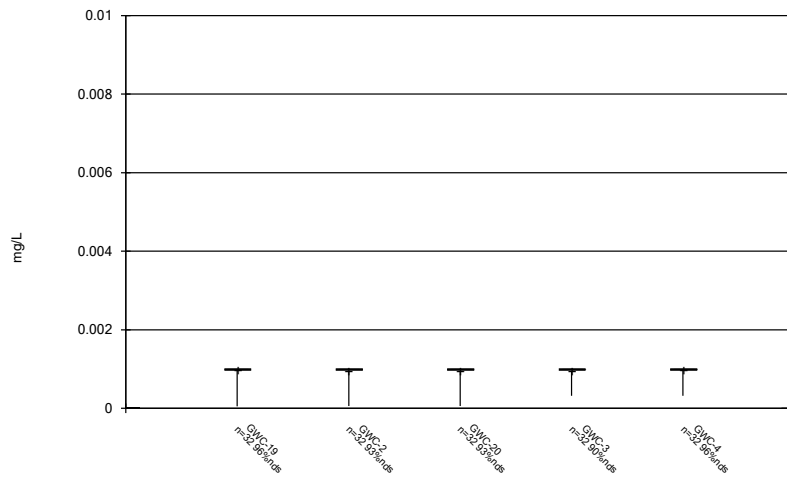
Constituent: Arsenic, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



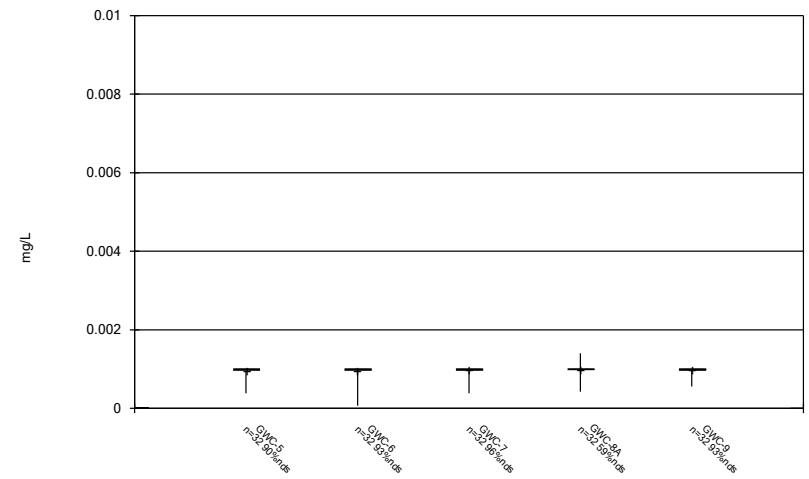
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



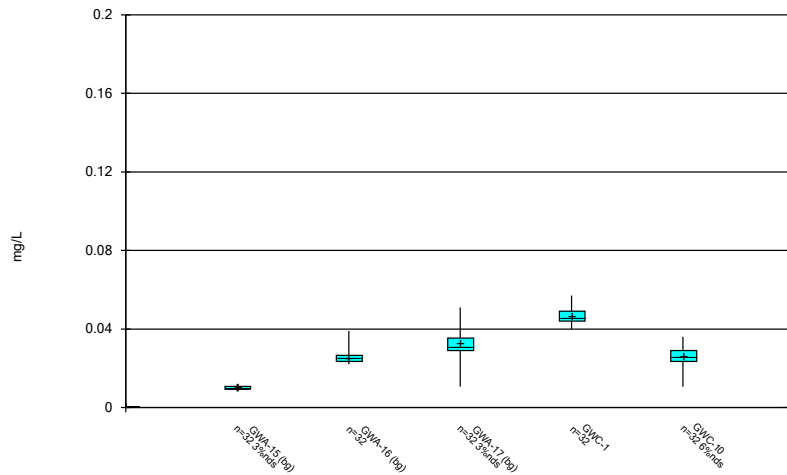
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



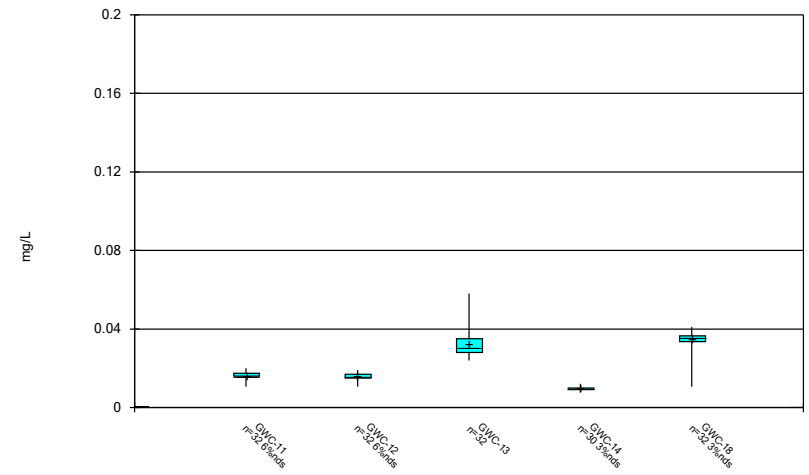
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



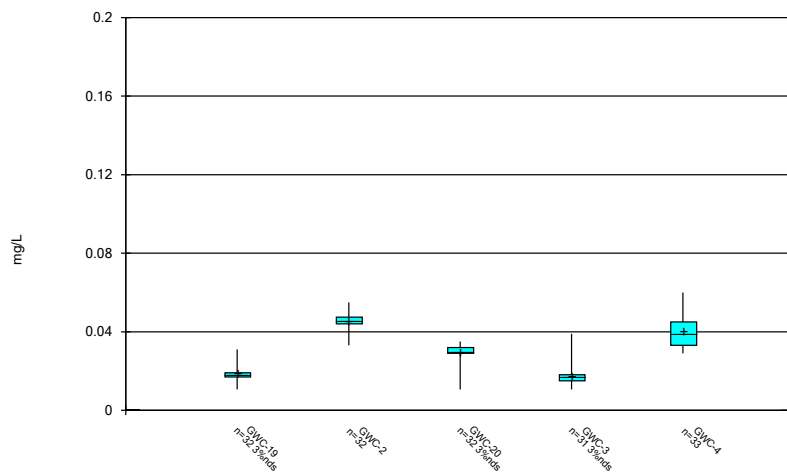
Constituent: Barium, Total Analysis Run 7/6/2022 8:06 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



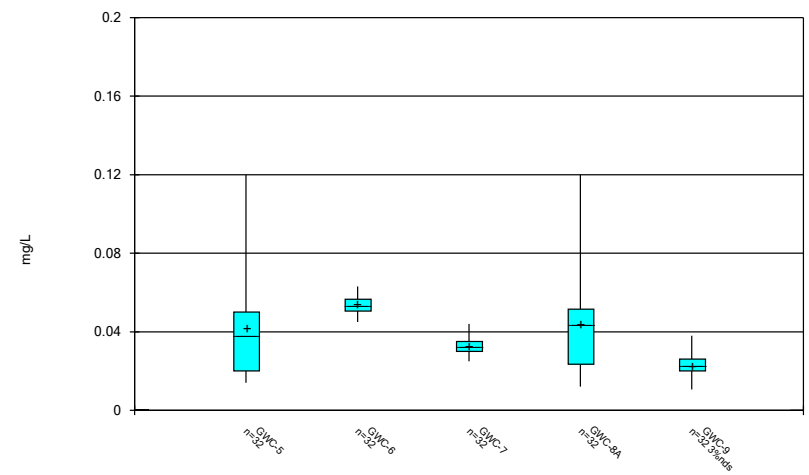
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



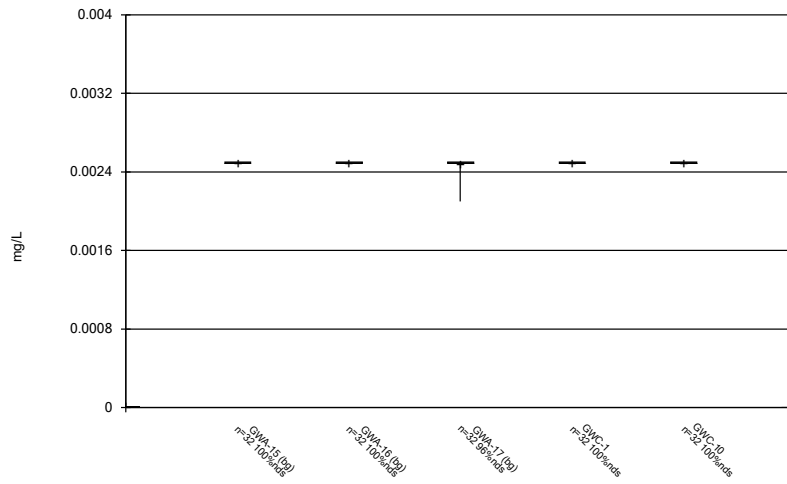
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



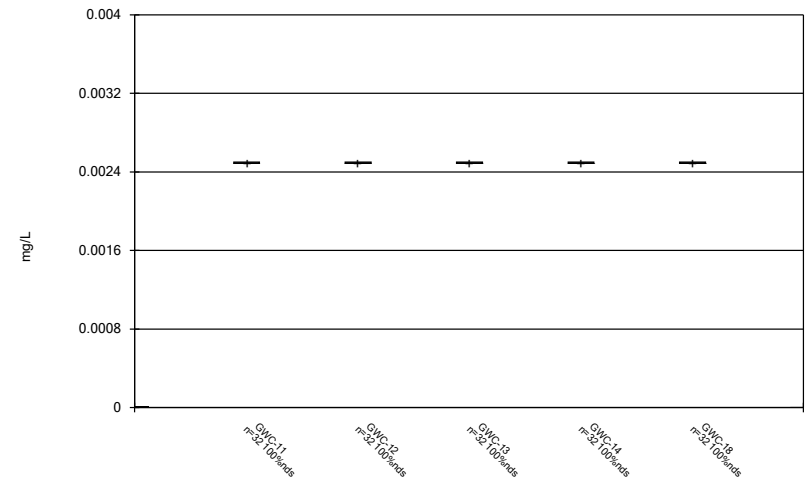
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



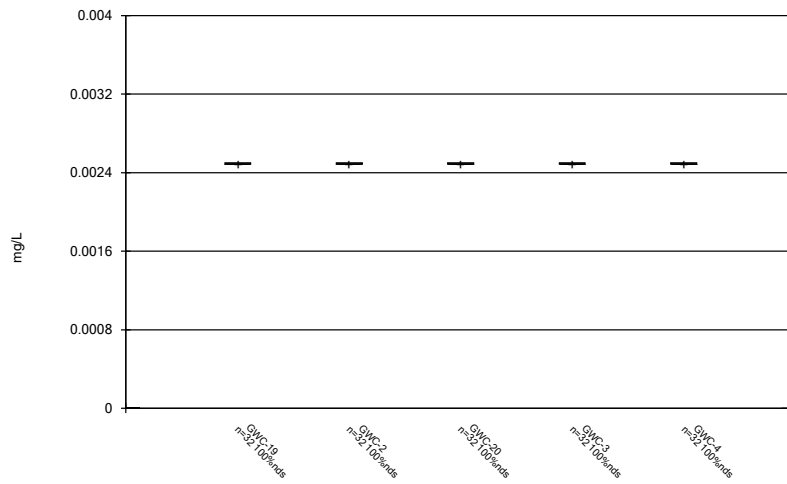
Constituent: Beryllium, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



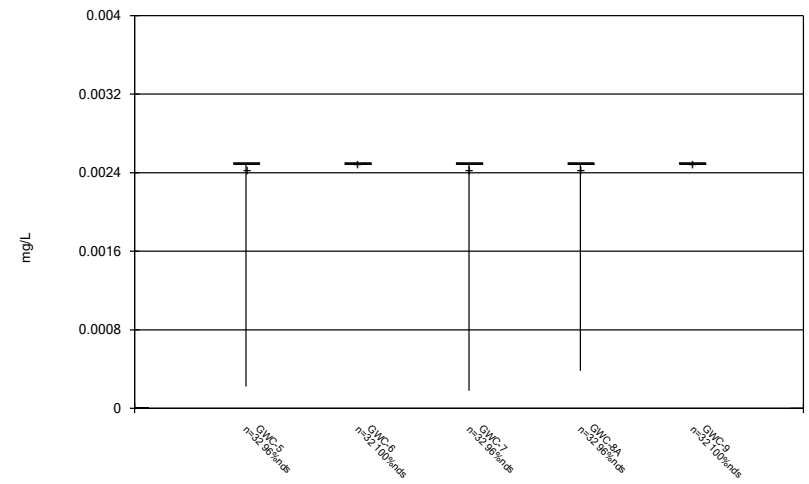
Constituent: Beryllium, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



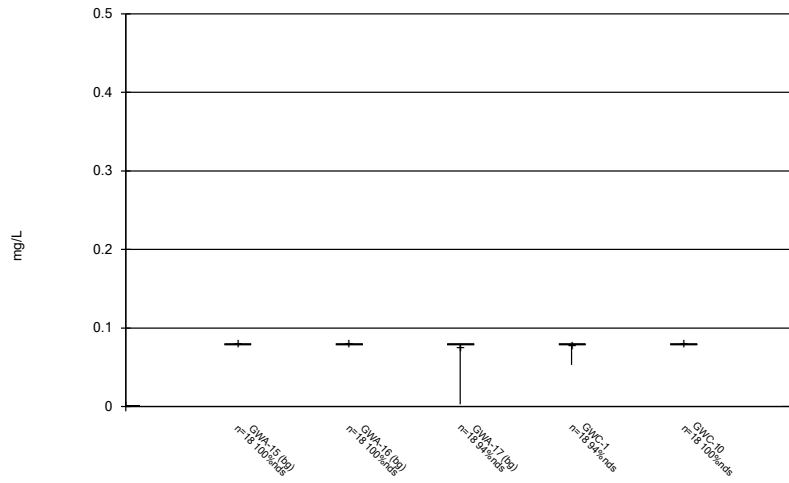
Constituent: Beryllium, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



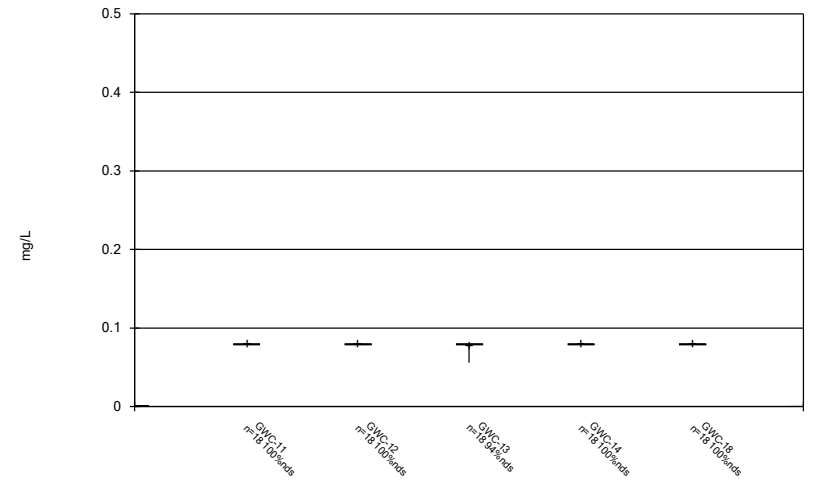
Constituent: Beryllium, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



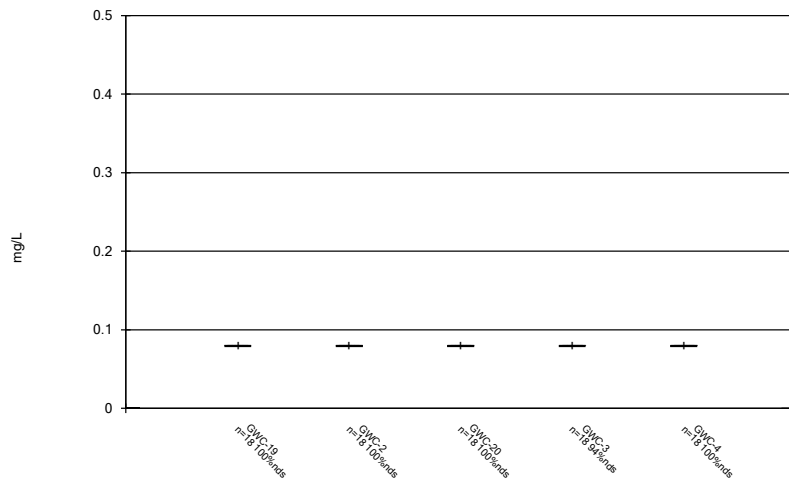
Constituent: Boron Analysis Run 7/6/2022 8:06 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



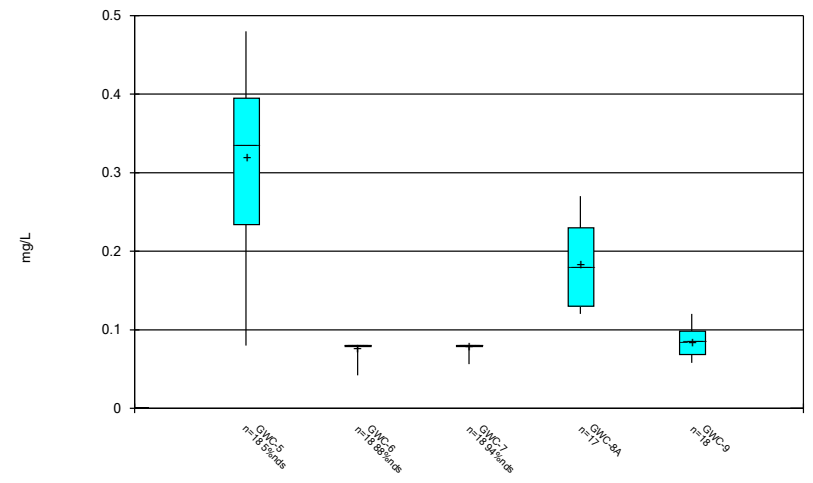
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



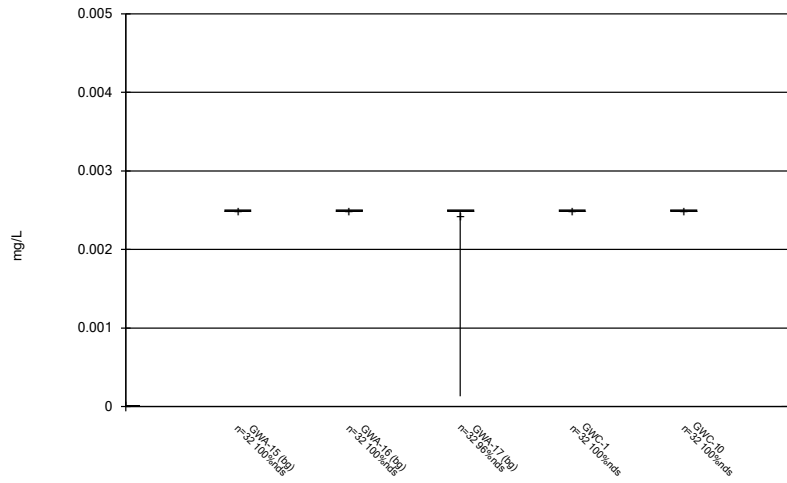
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



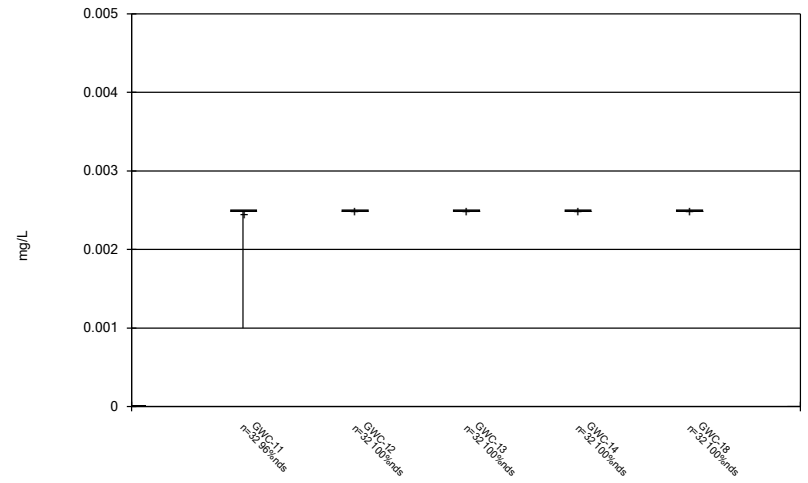
Constituent: Boron Analysis Run 7/6/2022 8:06 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



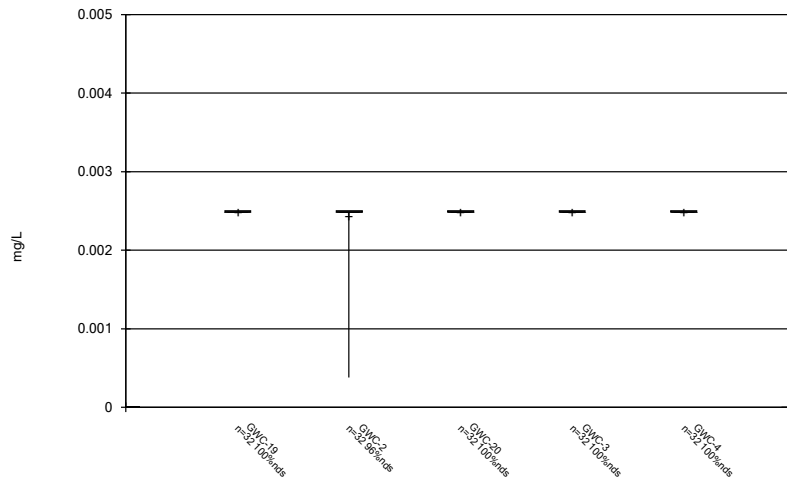
Constituent: Cadmium, Total Analysis Run 7/6/2022 8:06 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



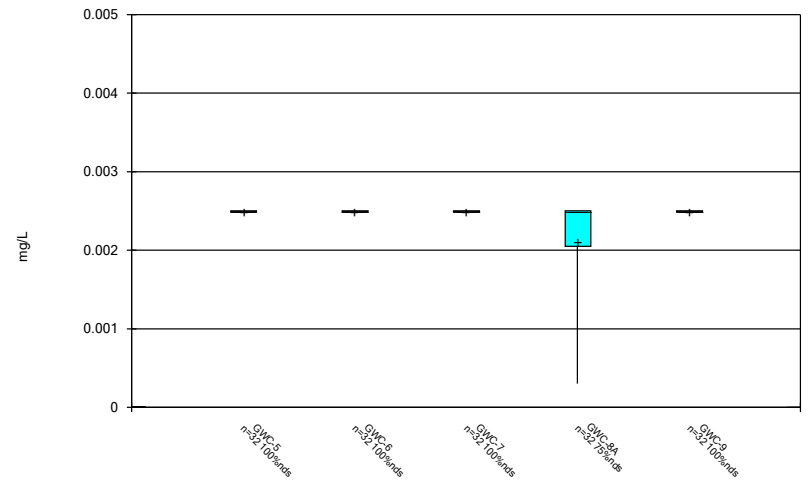
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



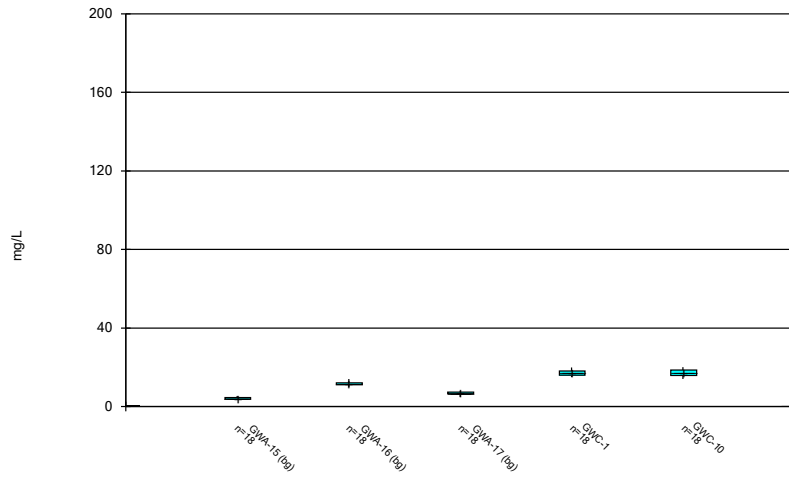
Constituent: Cadmium, Total Analysis Run 7/6/2022 8:06 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



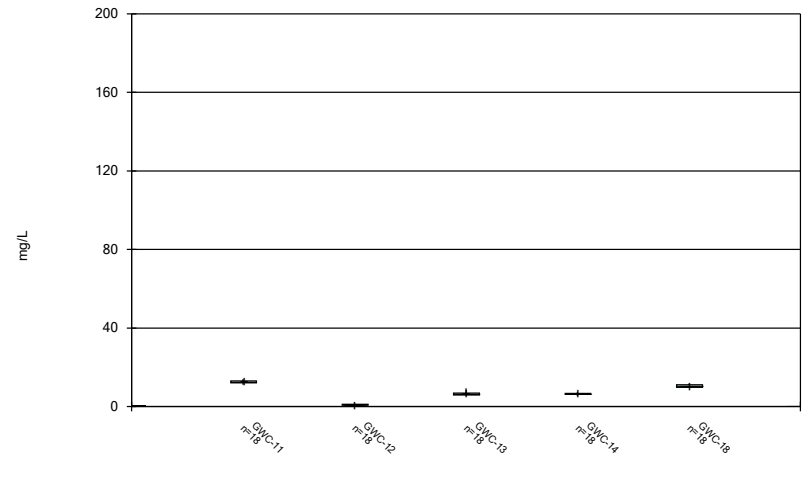
Constituent: Cadmium, Total Analysis Run 7/6/2022 8:06 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



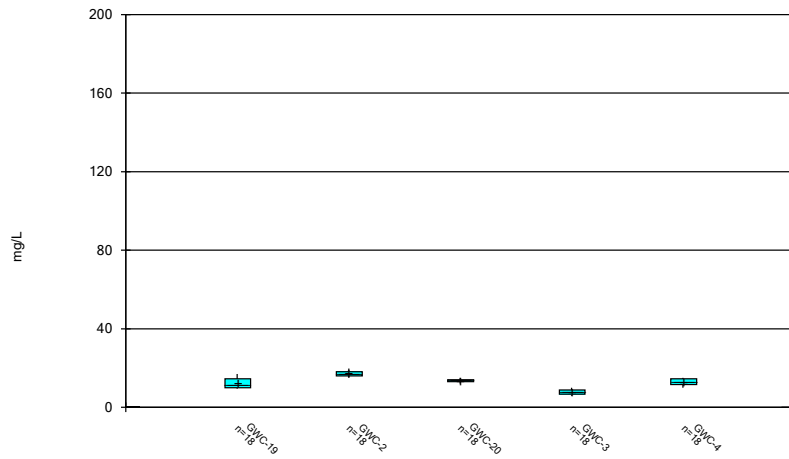
Constituent: Calcium Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



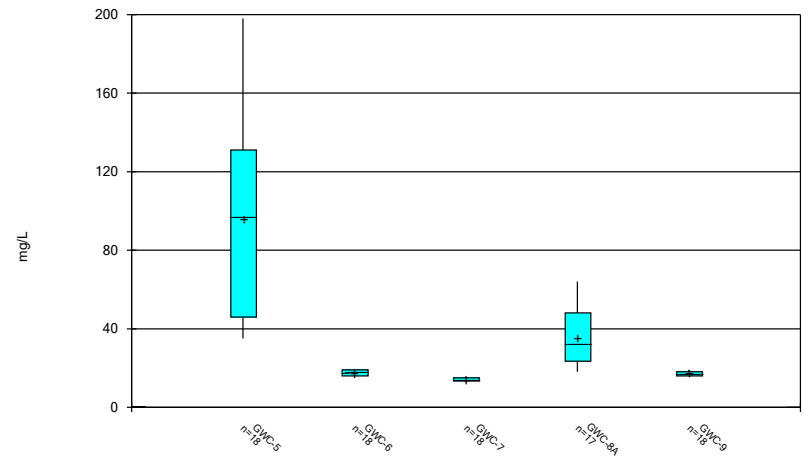
Constituent: Calcium Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



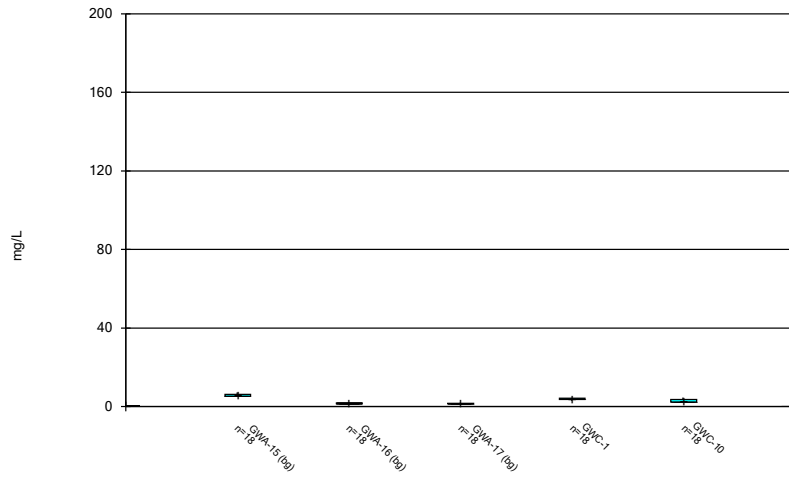
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



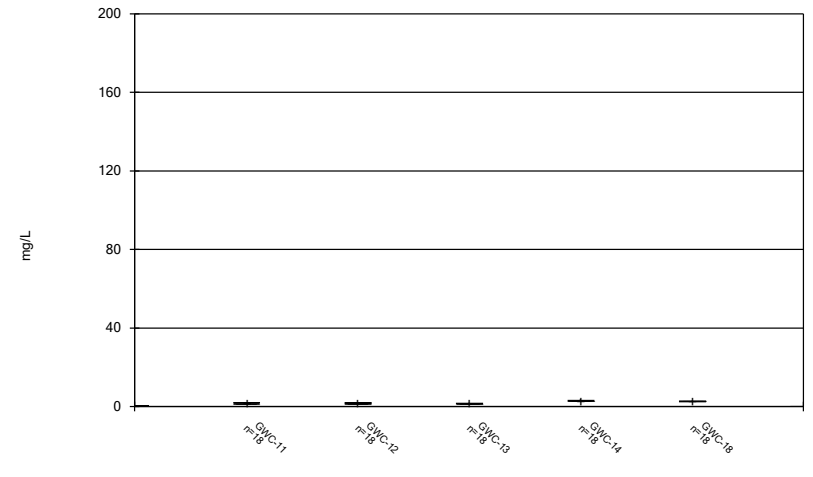
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



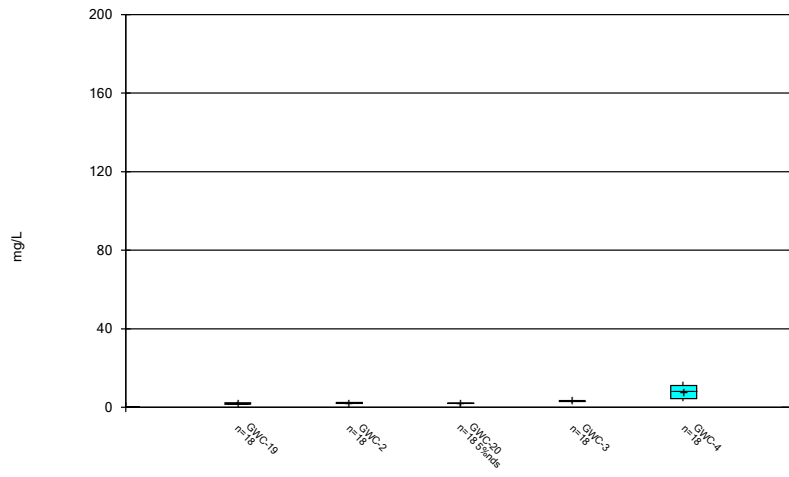
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



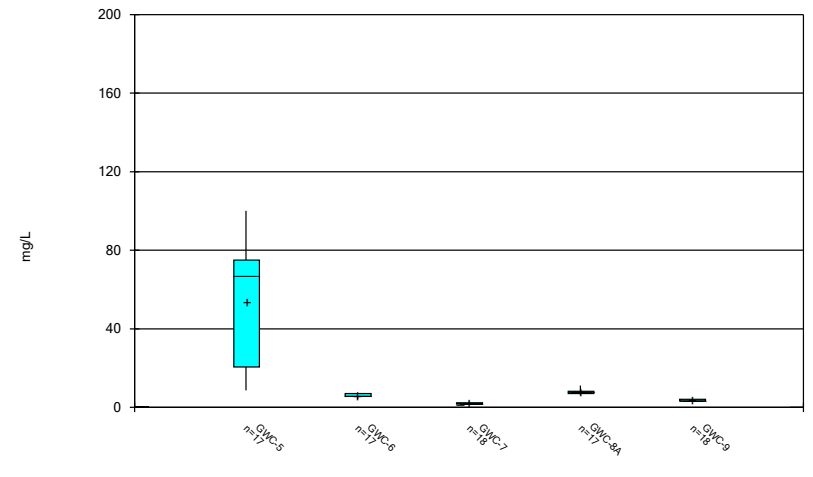
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Box & Whiskers Plot



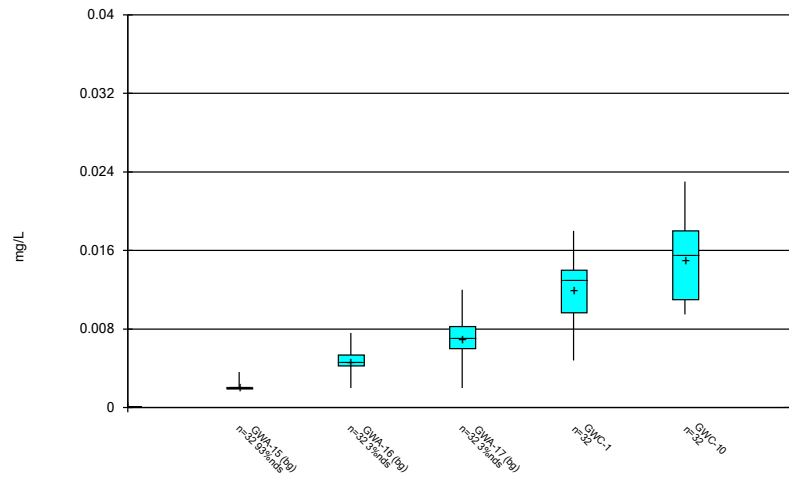
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Box & Whiskers Plot



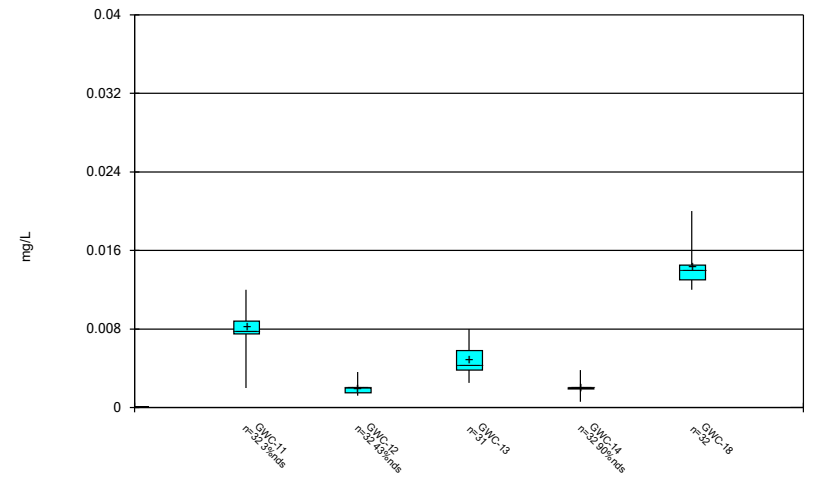
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Box & Whiskers Plot



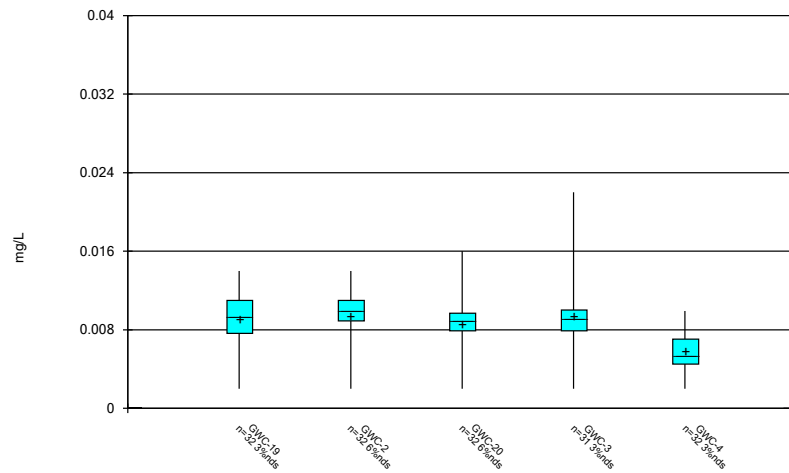
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Box & Whiskers Plot



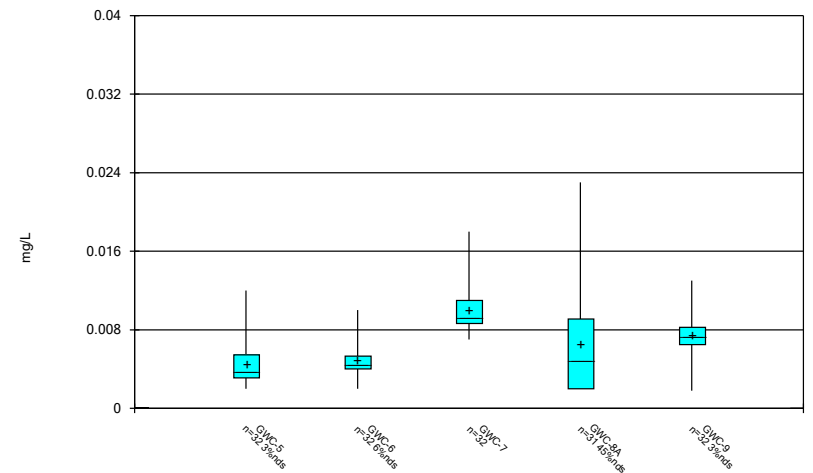
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Box & Whiskers Plot



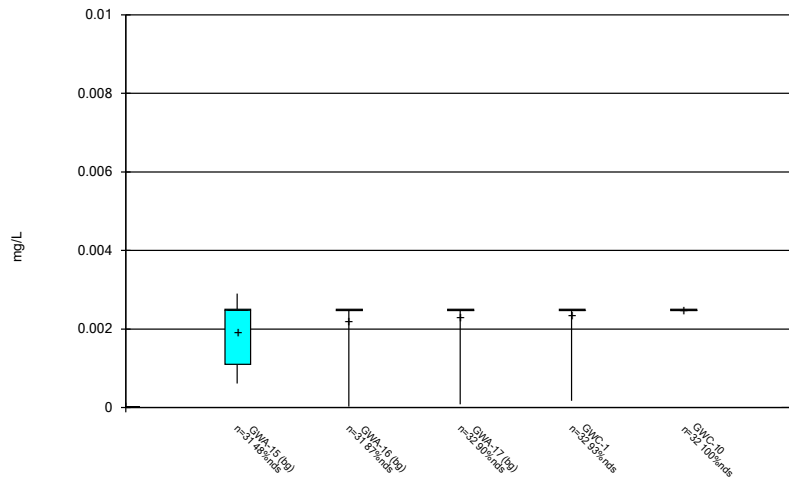
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Box & Whiskers Plot



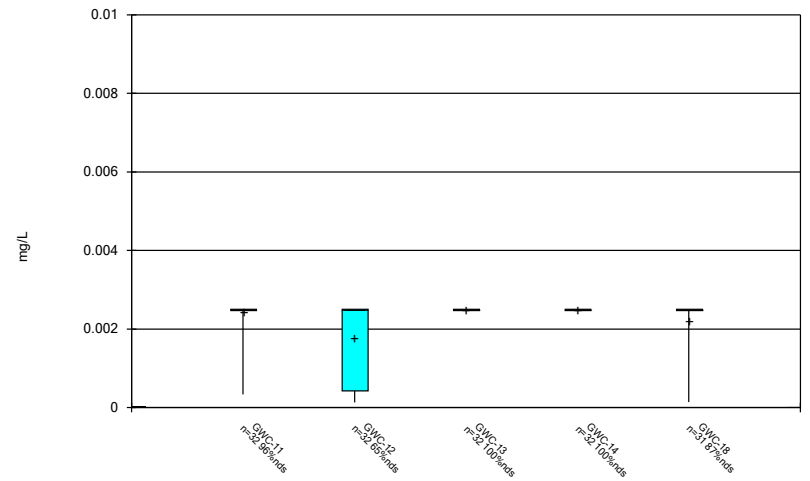
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Box & Whiskers Plot



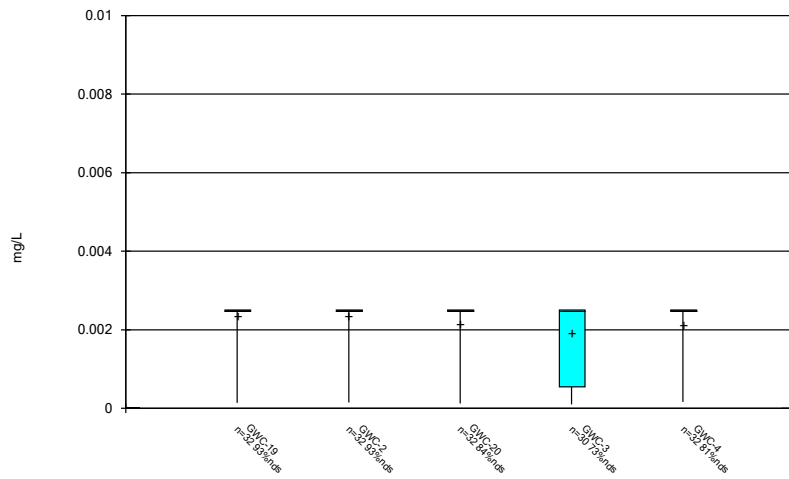
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Box & Whiskers Plot



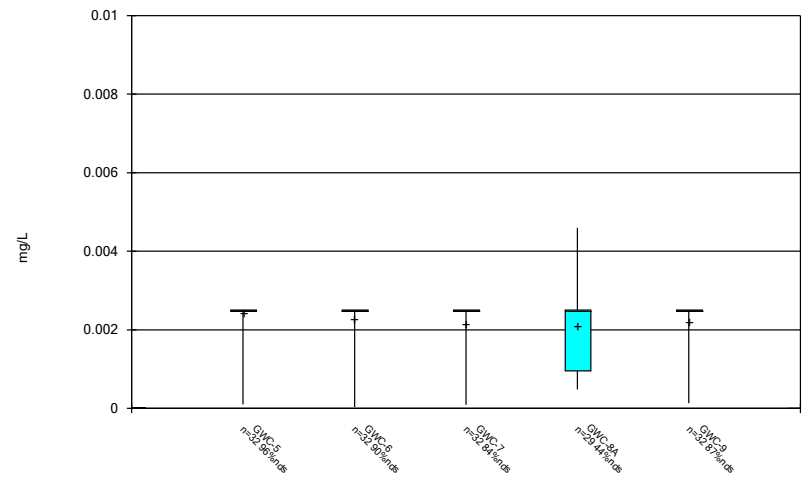
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Box & Whiskers Plot



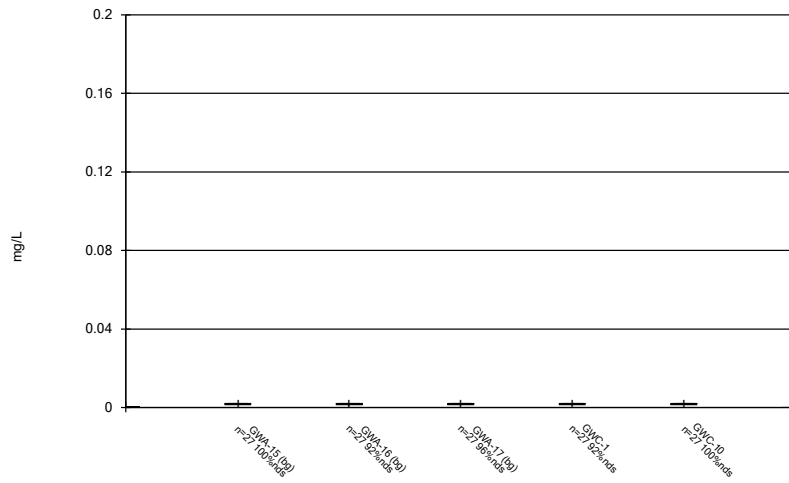
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Box & Whiskers Plot



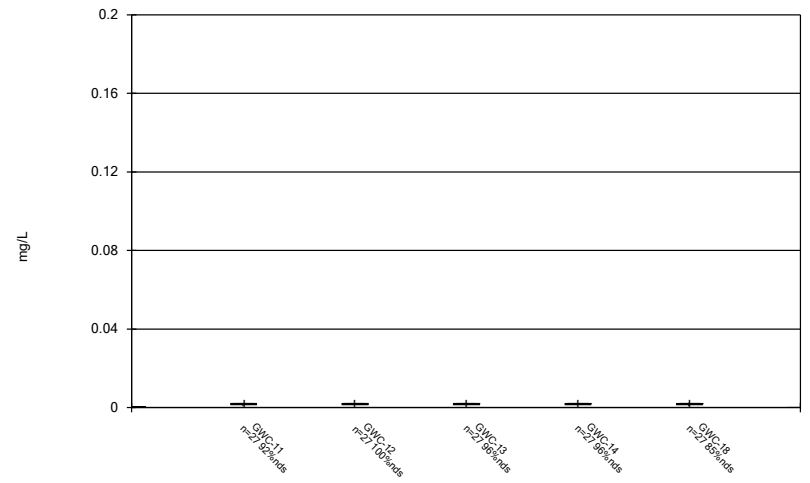
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Box & Whiskers Plot



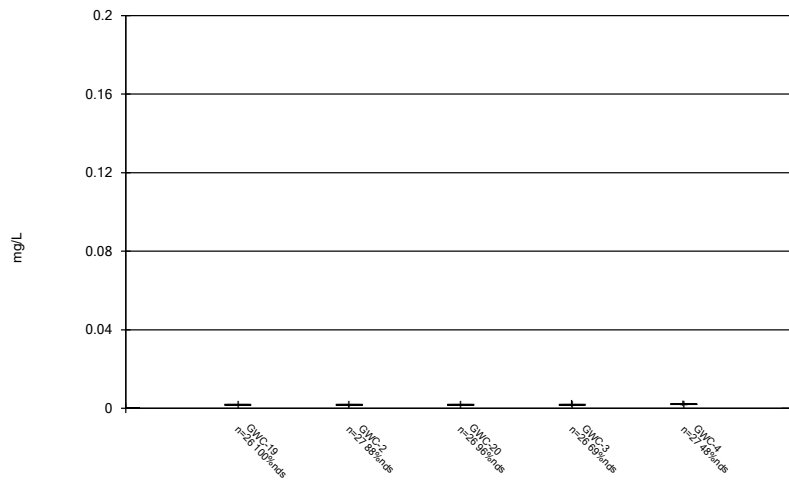
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Box & Whiskers Plot



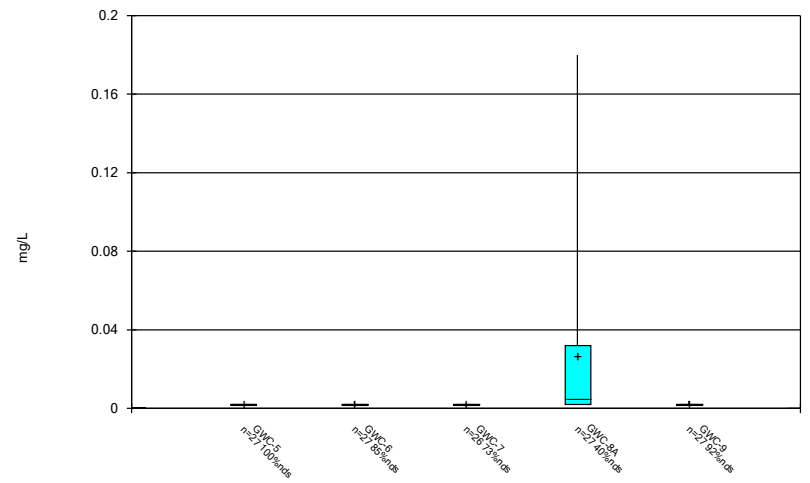
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Box & Whiskers Plot



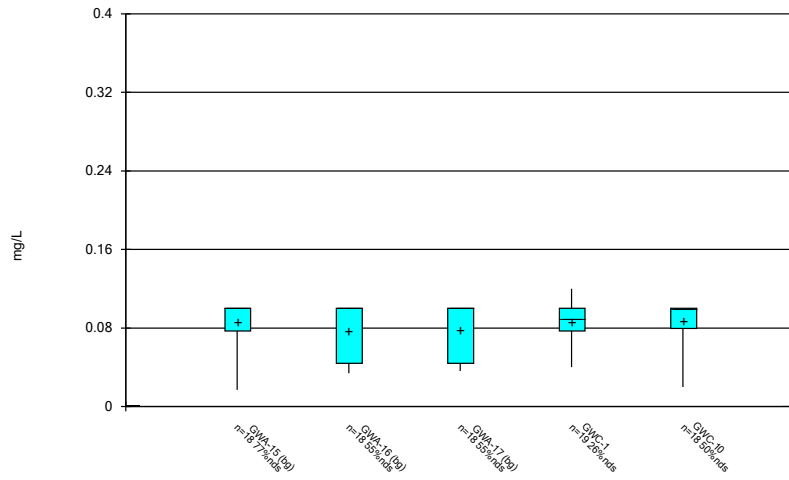
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Box & Whiskers Plot



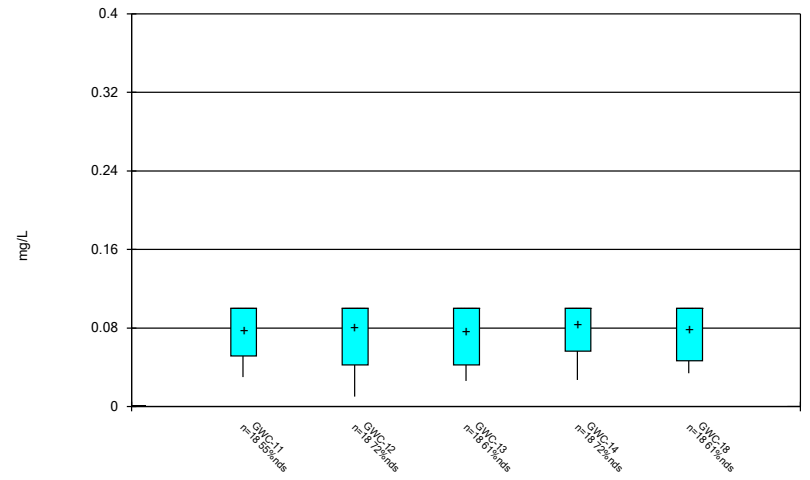
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Box & Whiskers Plot



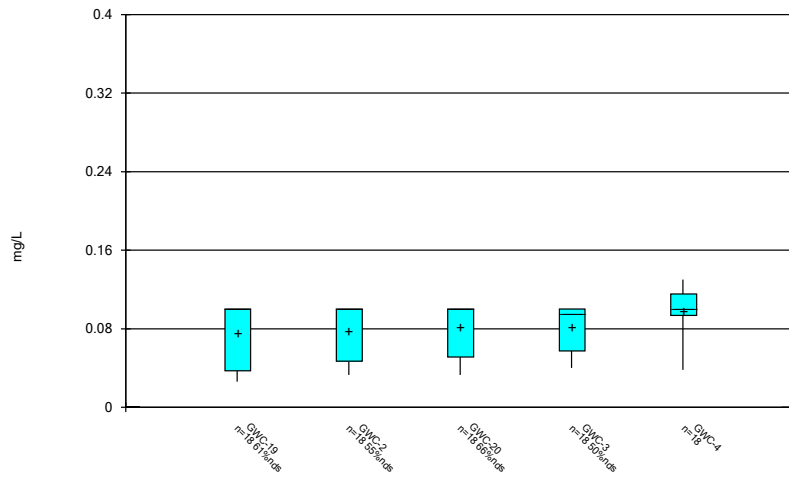
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Box & Whiskers Plot



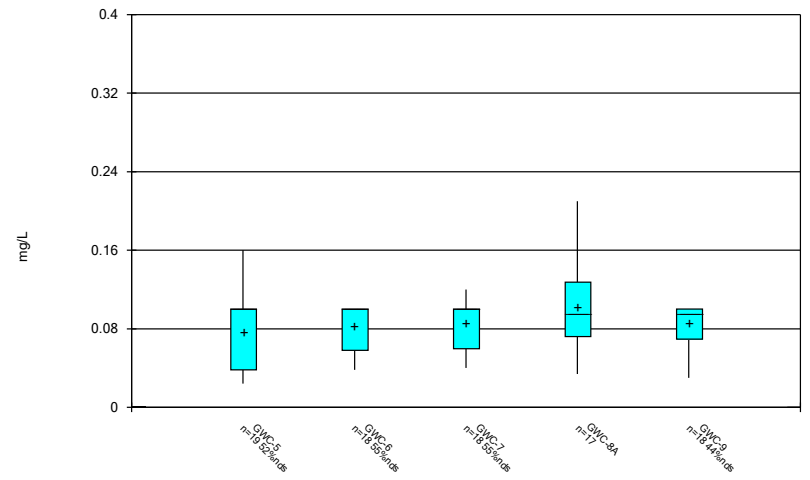
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Box & Whiskers Plot



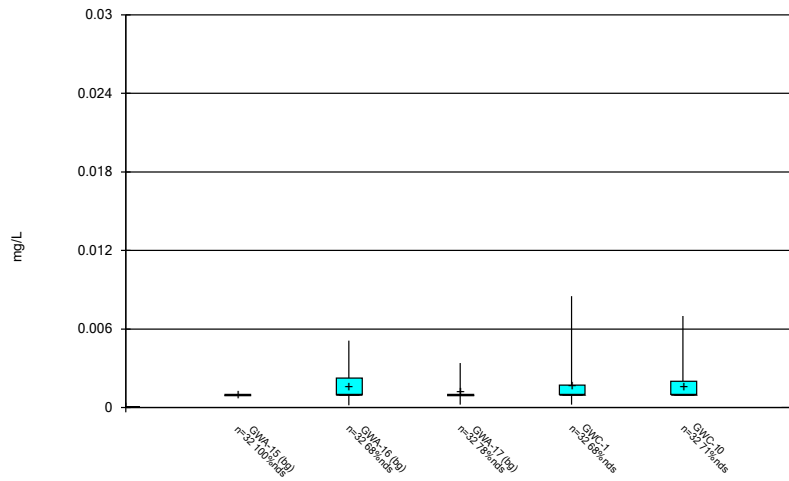
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Box & Whiskers Plot



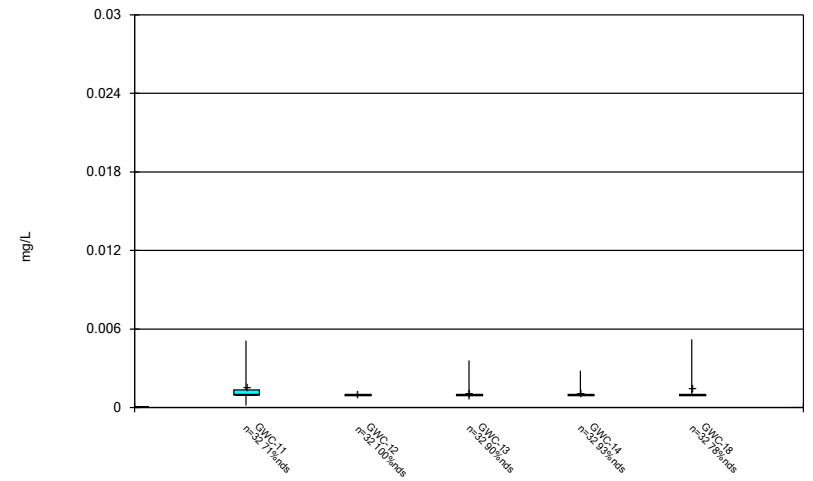
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Box & Whiskers Plot



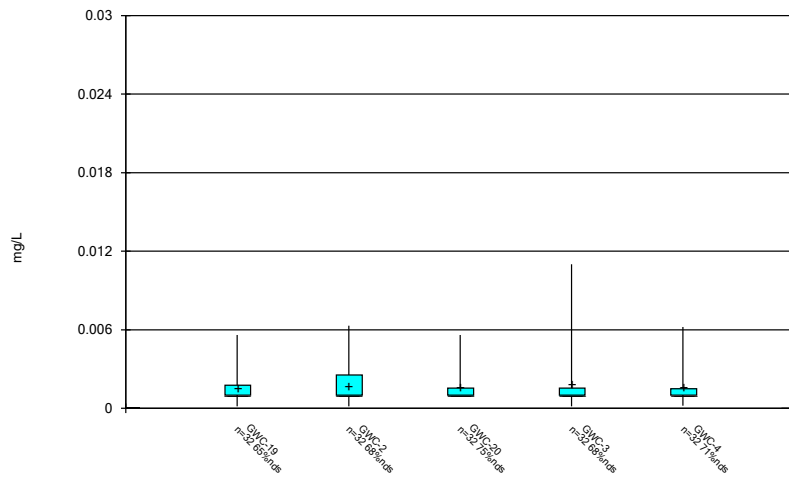
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Box & Whiskers Plot



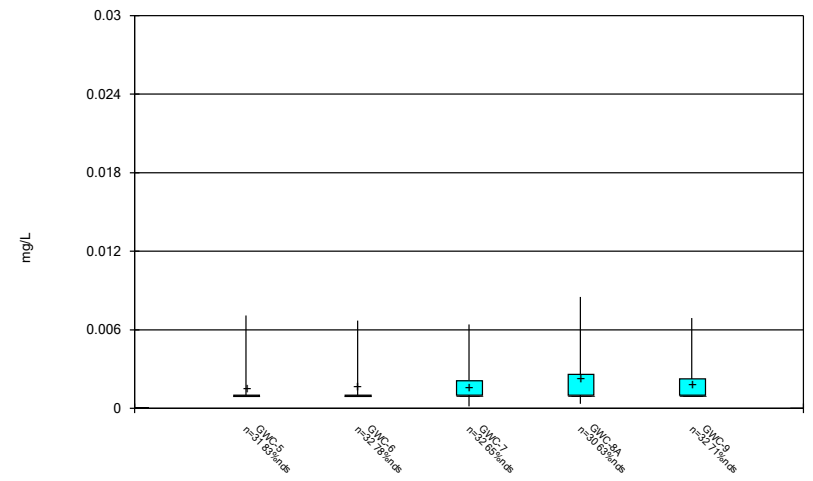
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Box & Whiskers Plot



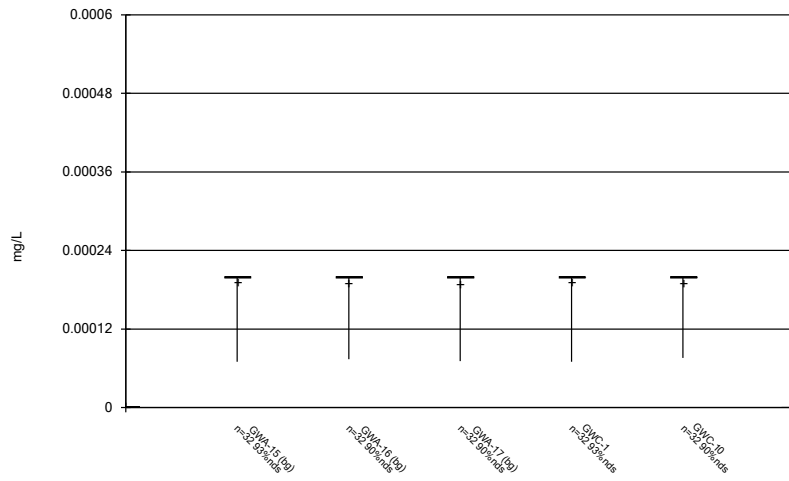
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Box & Whiskers Plot



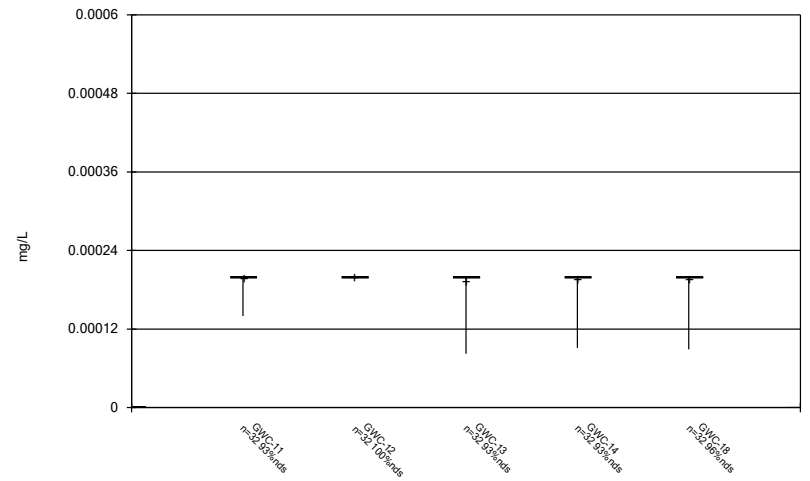
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Box & Whiskers Plot



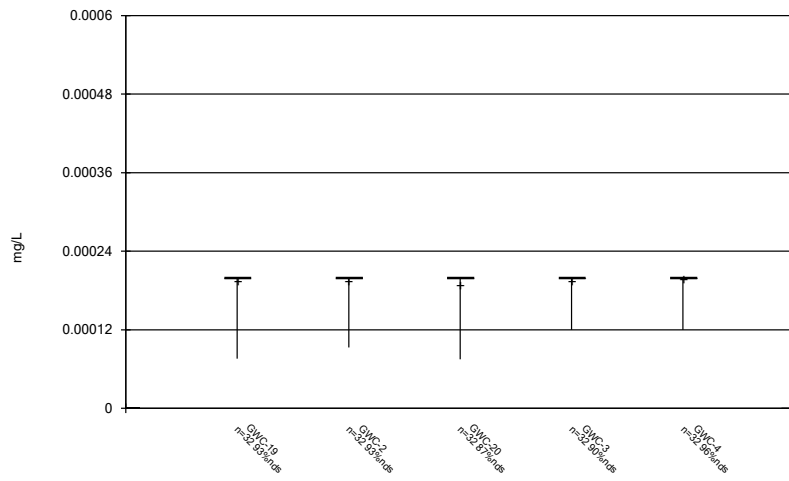
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Box & Whiskers Plot



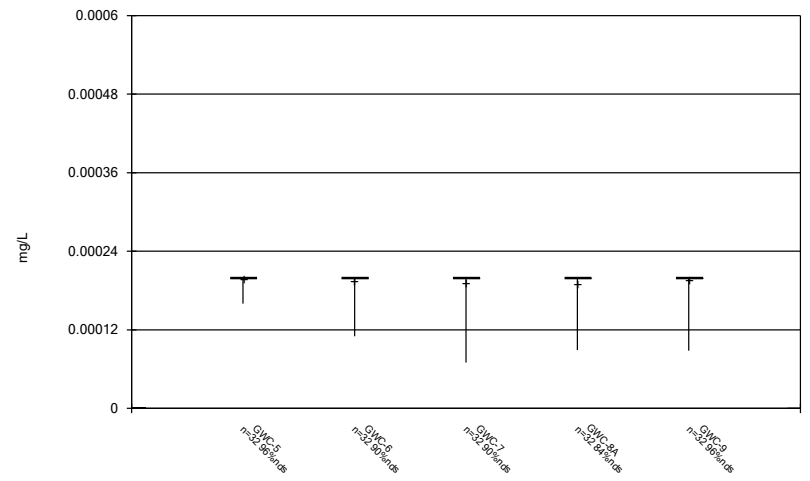
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Box & Whiskers Plot



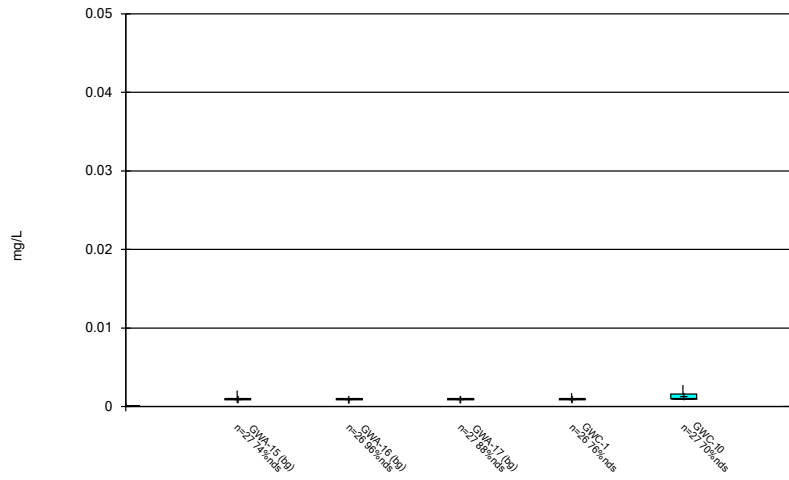
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Box & Whiskers Plot



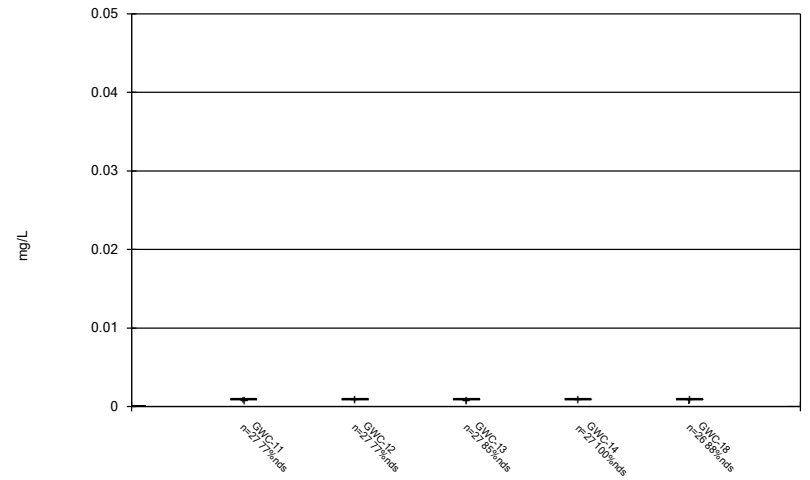
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Box & Whiskers Plot



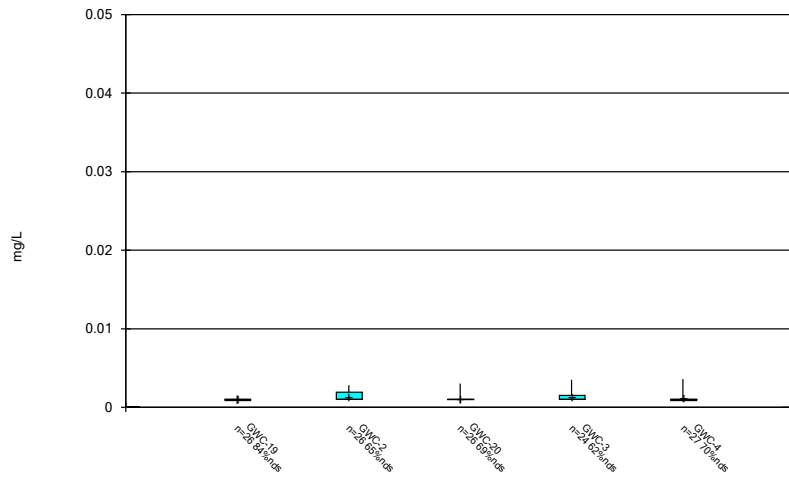
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Box & Whiskers Plot



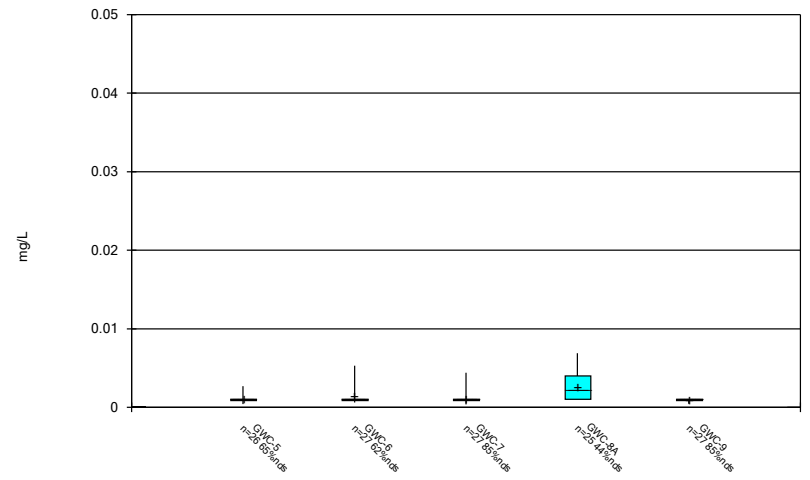
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Box & Whiskers Plot



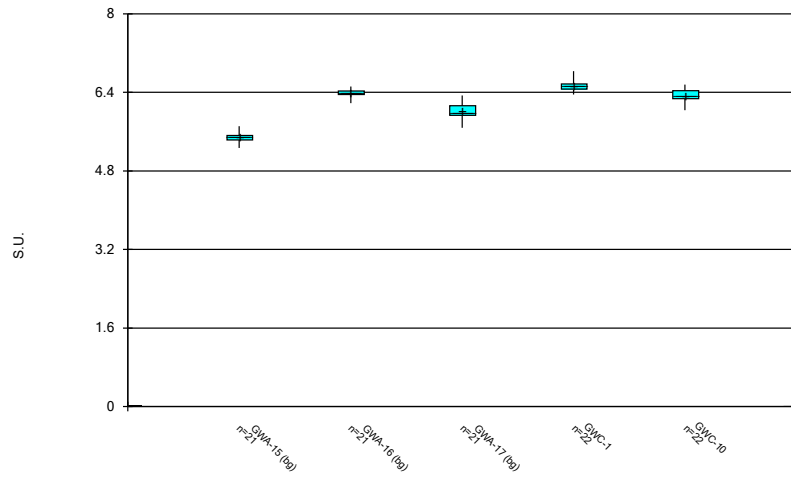
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Box & Whiskers Plot



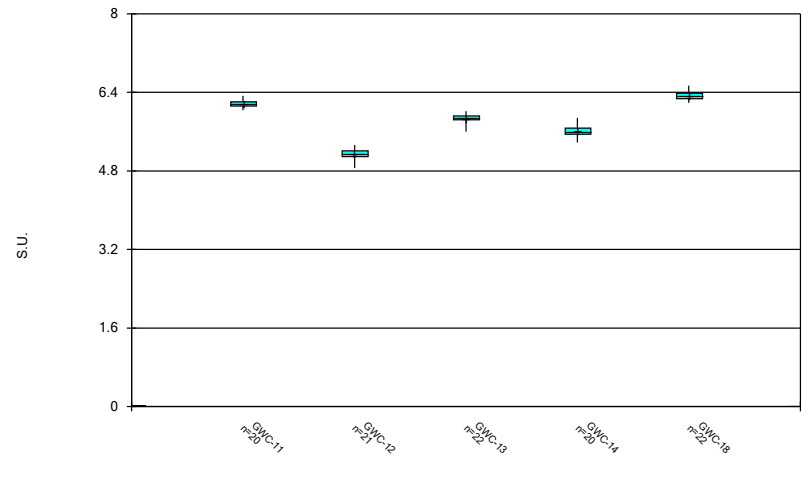
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Box & Whiskers Plot



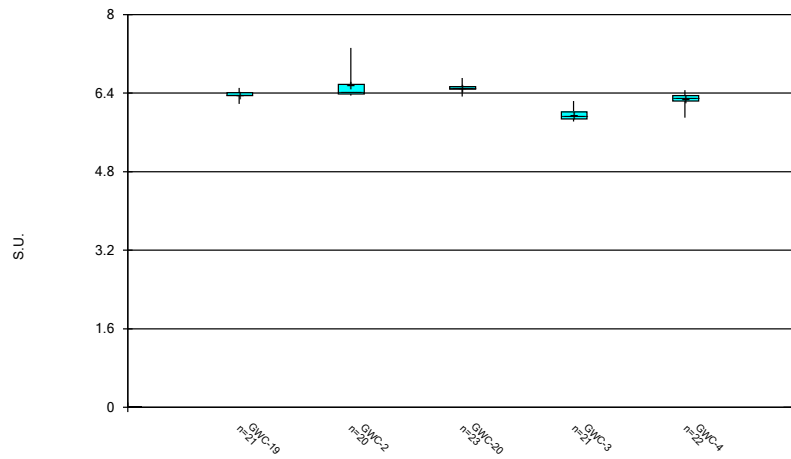
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Box & Whiskers Plot



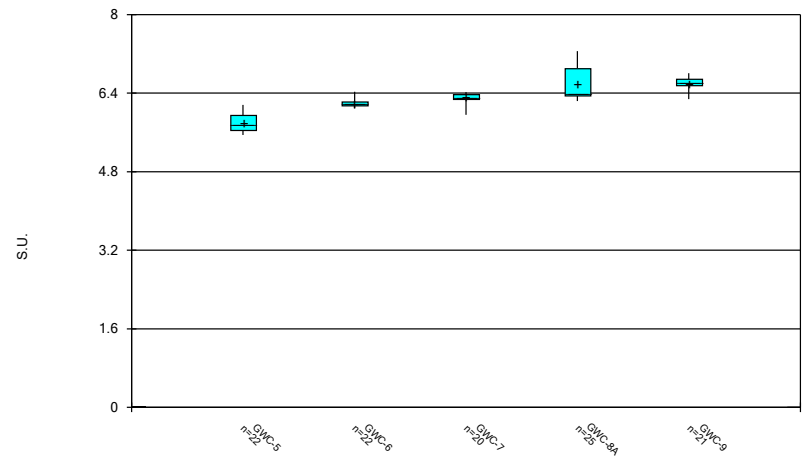
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Box & Whiskers Plot



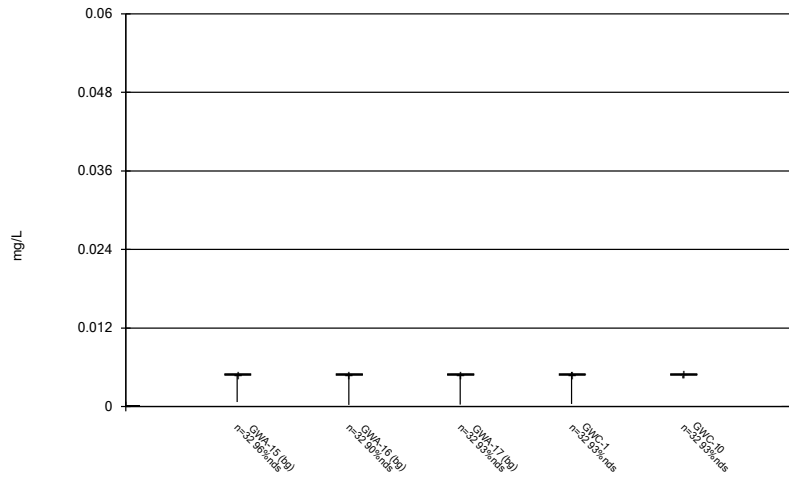
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Box & Whiskers Plot



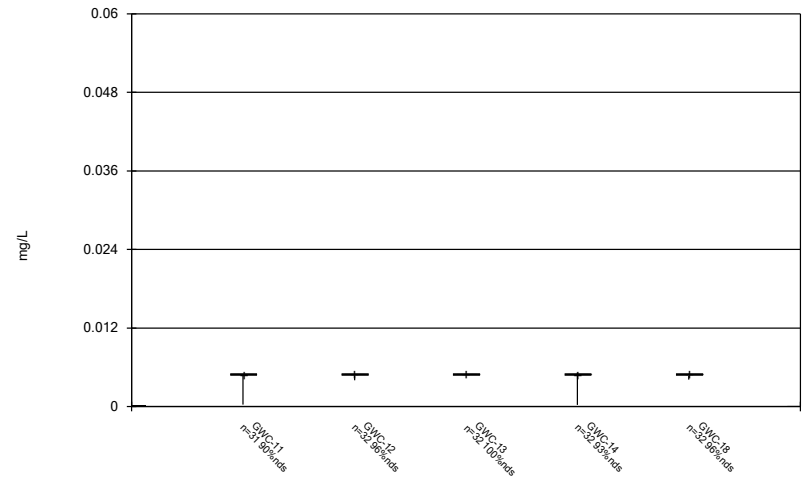
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Box & Whiskers Plot



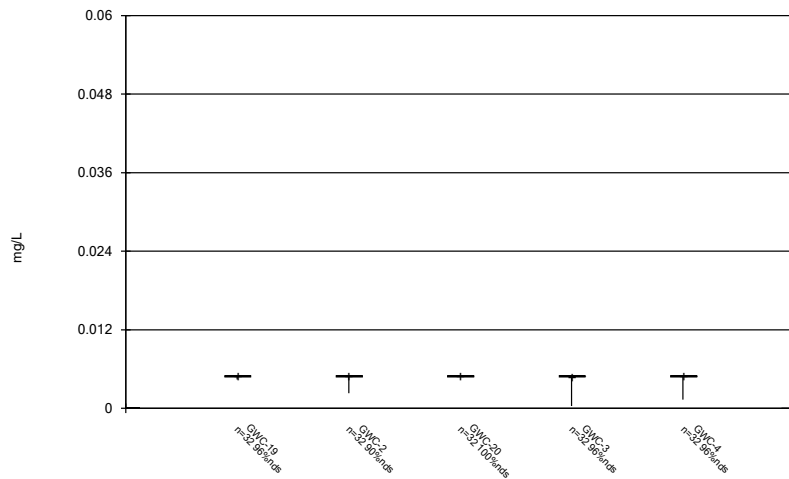
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Box & Whiskers Plot



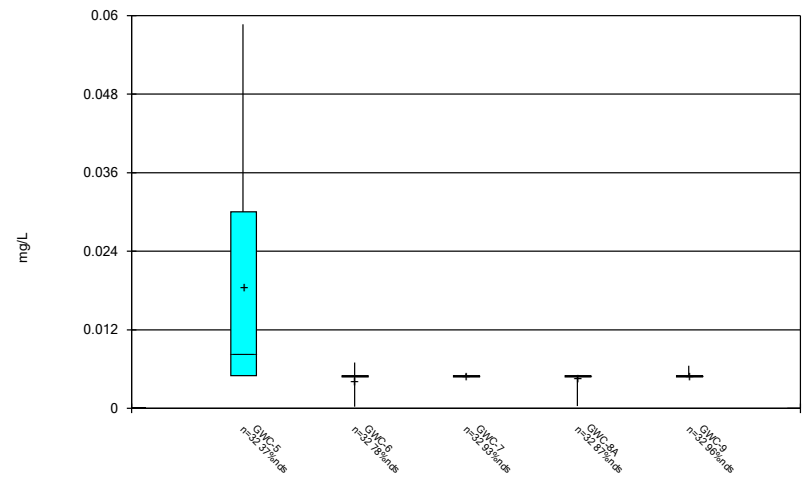
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Box & Whiskers Plot



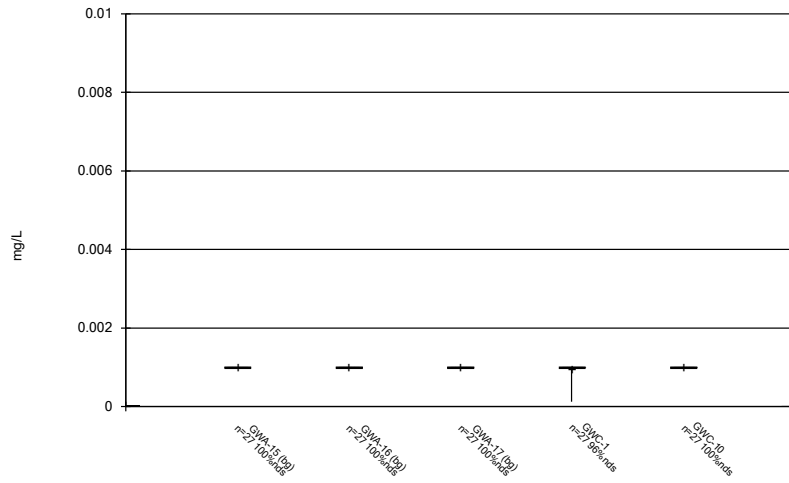
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Box & Whiskers Plot



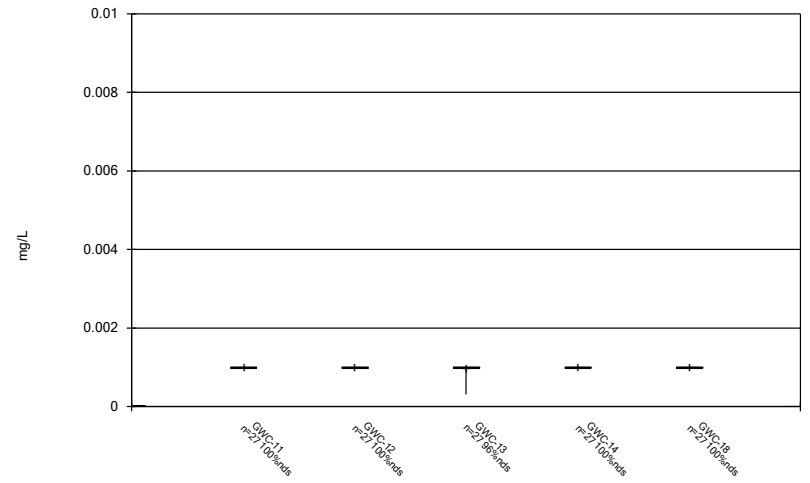
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Box & Whiskers Plot



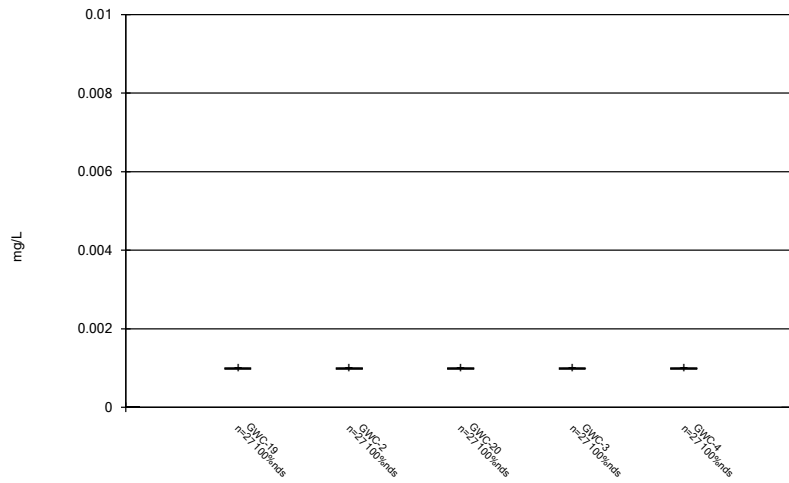
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Box & Whiskers Plot



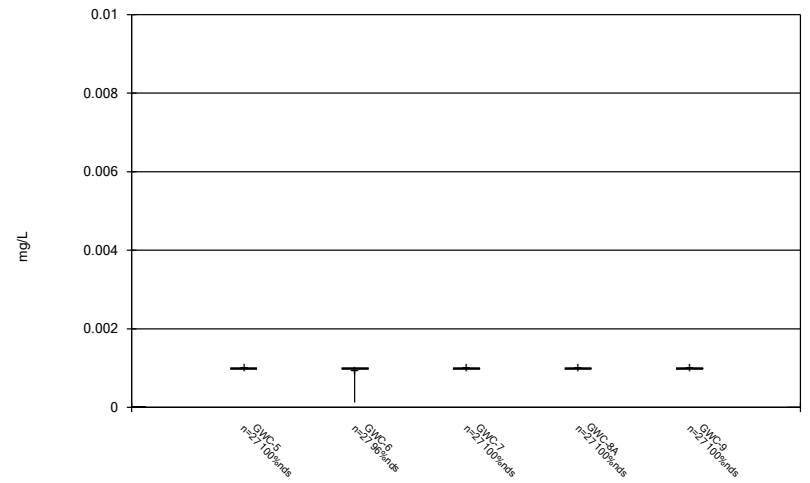
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Box & Whiskers Plot



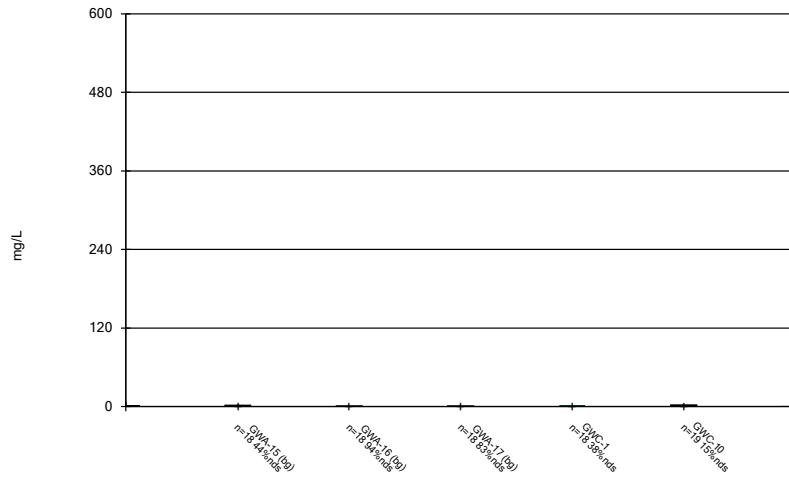
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Box & Whiskers Plot



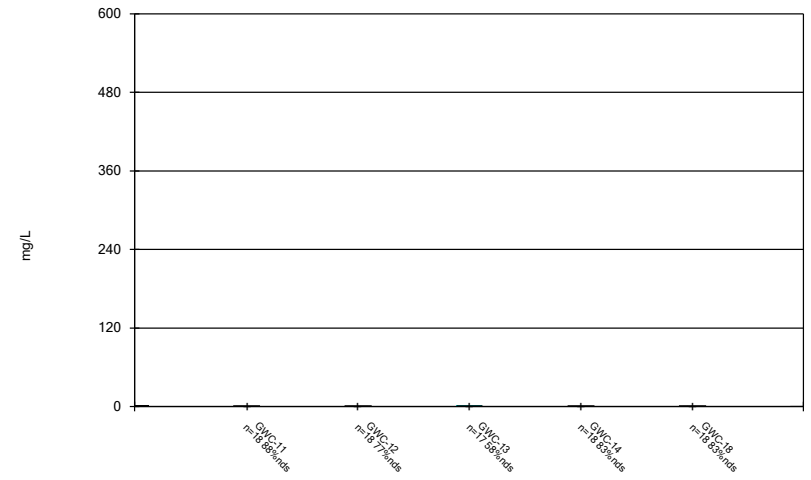
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Box & Whiskers Plot



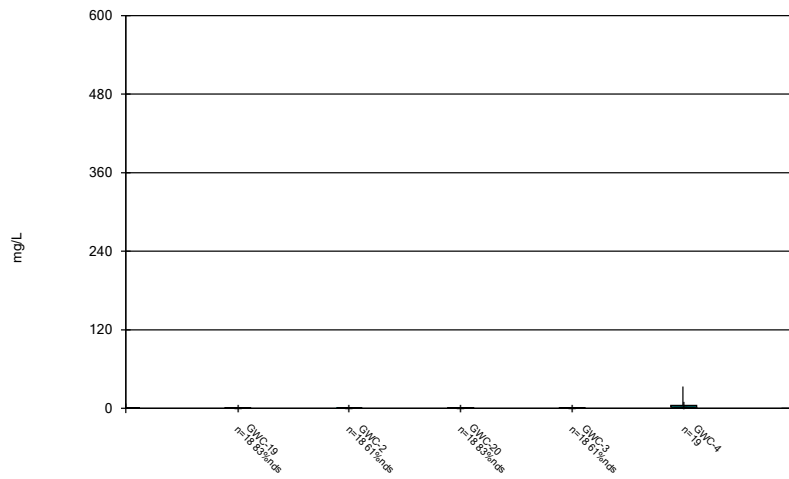
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Box & Whiskers Plot



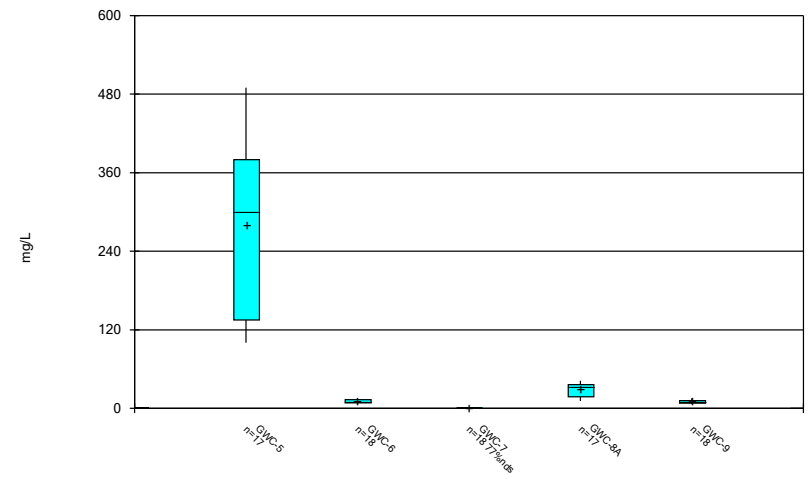
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Box & Whiskers Plot



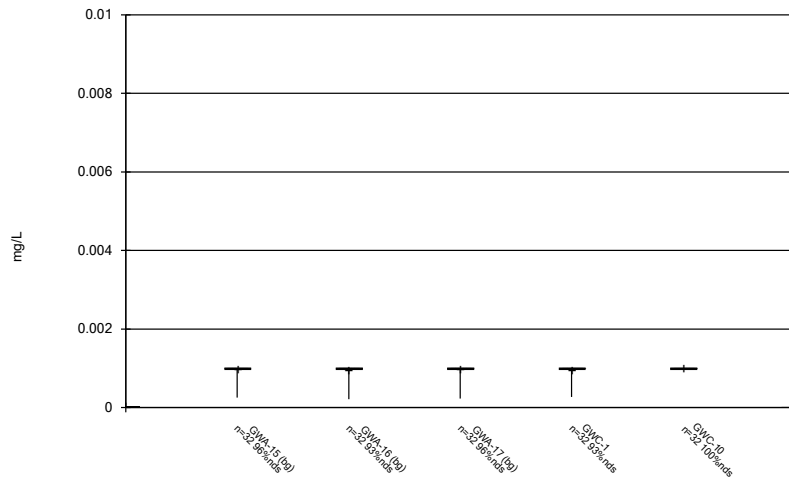
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Box & Whiskers Plot



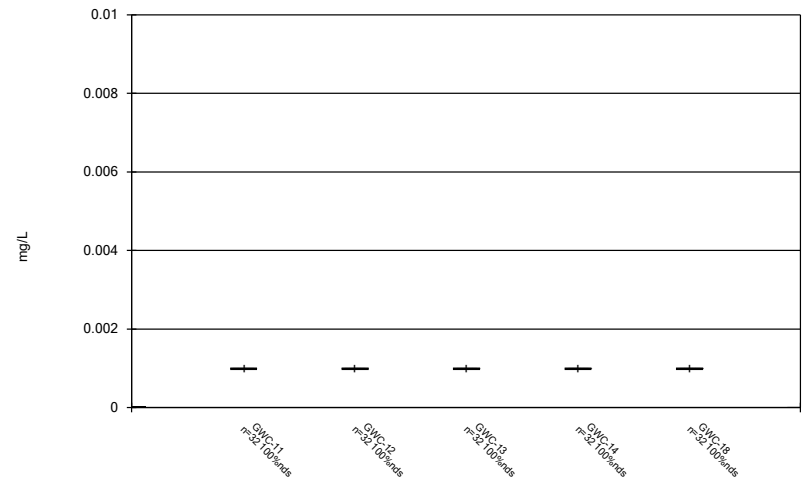
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Box & Whiskers Plot



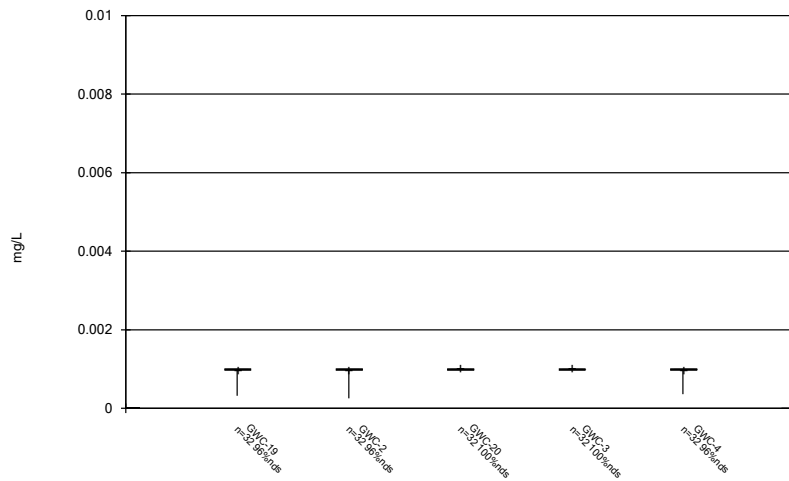
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Box & Whiskers Plot



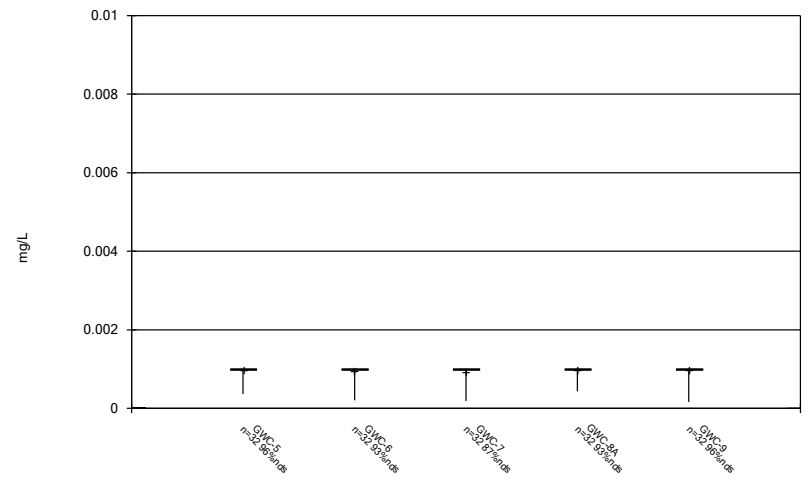
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Box & Whiskers Plot



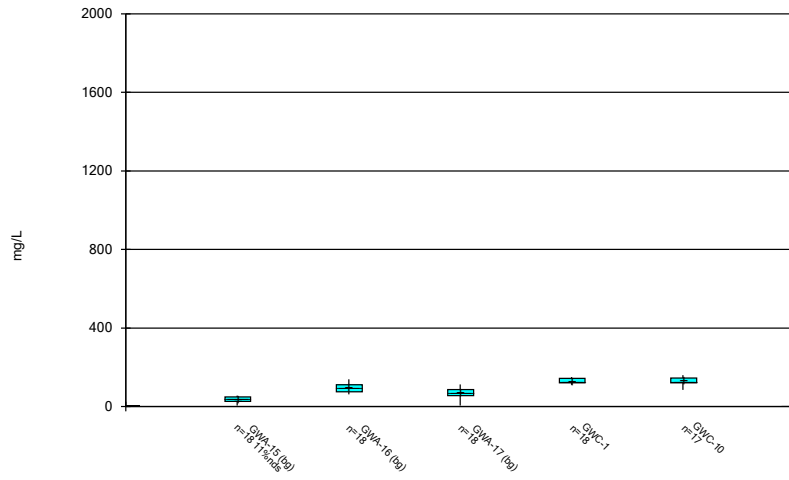
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Box & Whiskers Plot



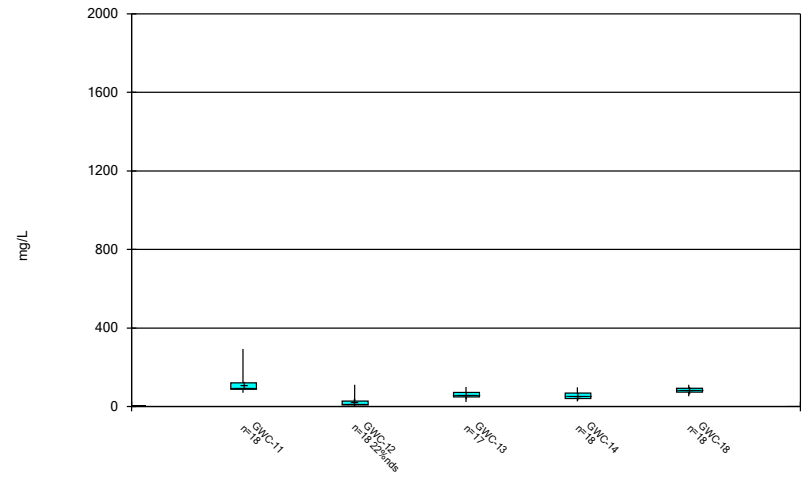
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Box & Whiskers Plot



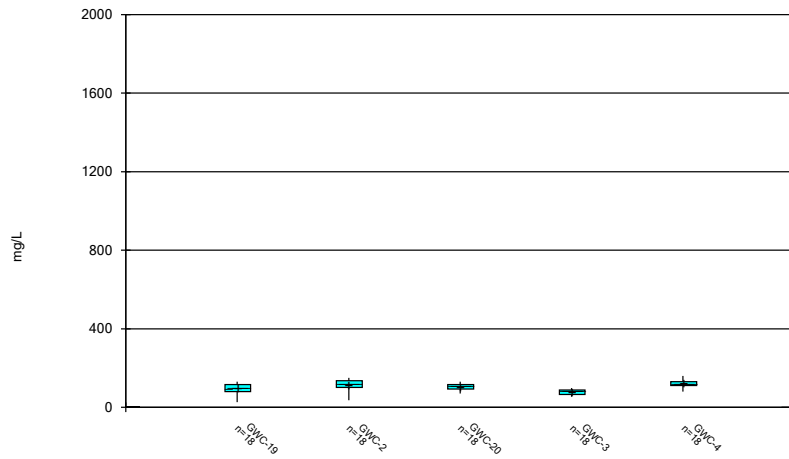
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Box & Whiskers Plot



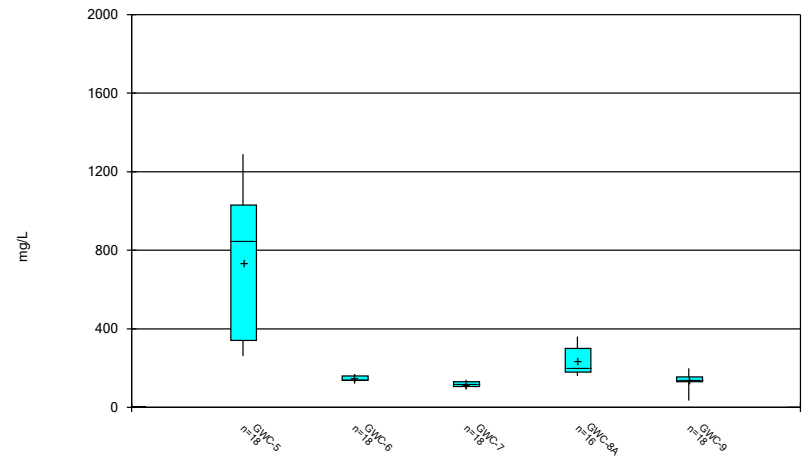
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Box & Whiskers Plot



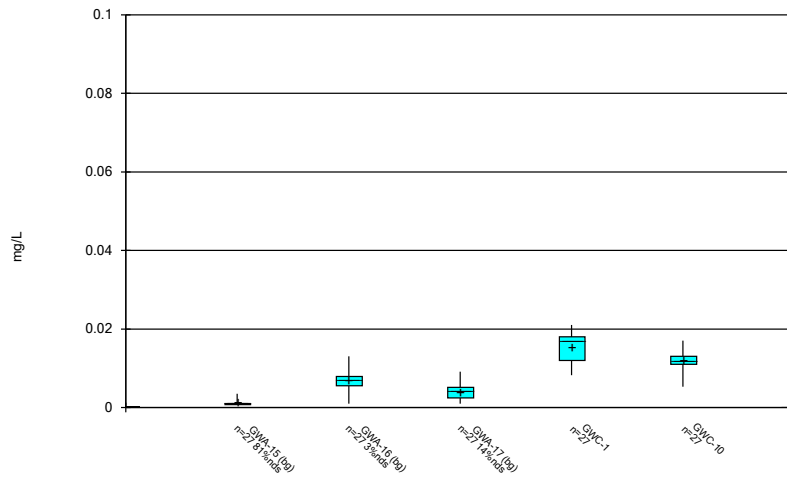
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Box & Whiskers Plot



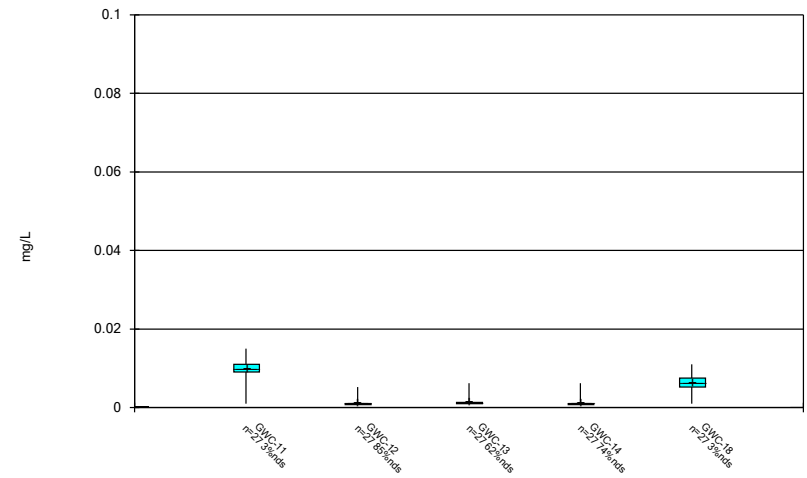
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Box & Whiskers Plot



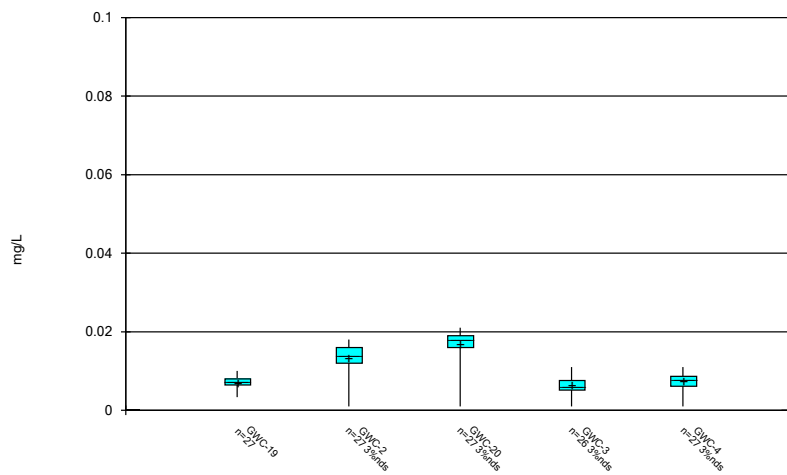
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Box & Whiskers Plot



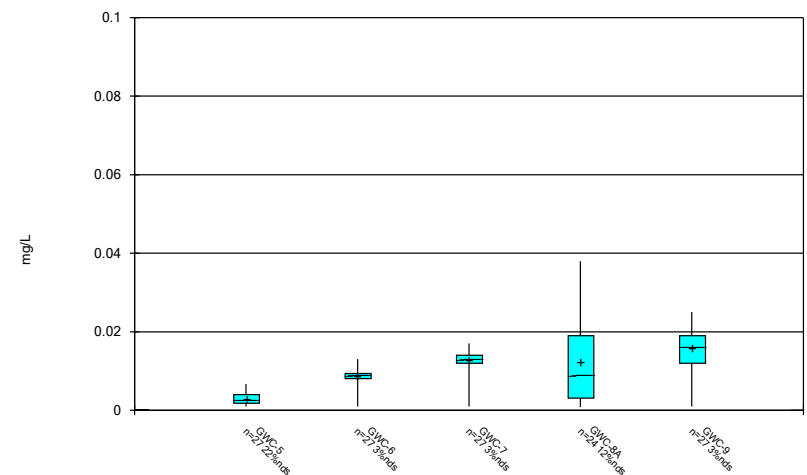
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Box & Whiskers Plot



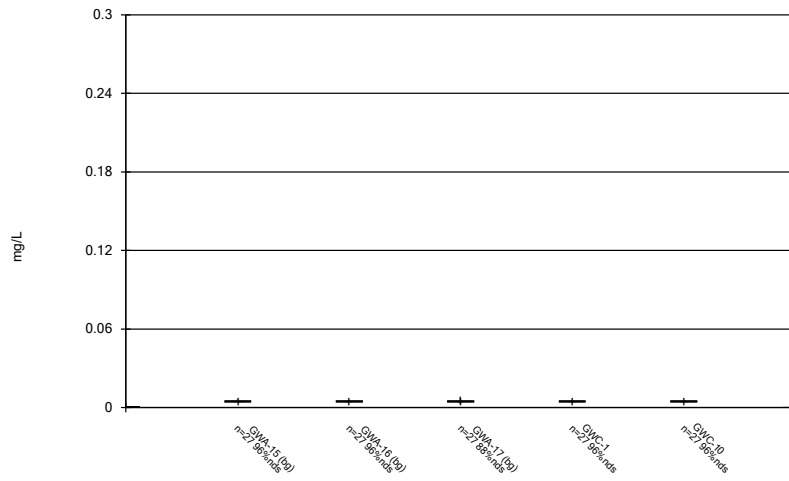
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Box & Whiskers Plot



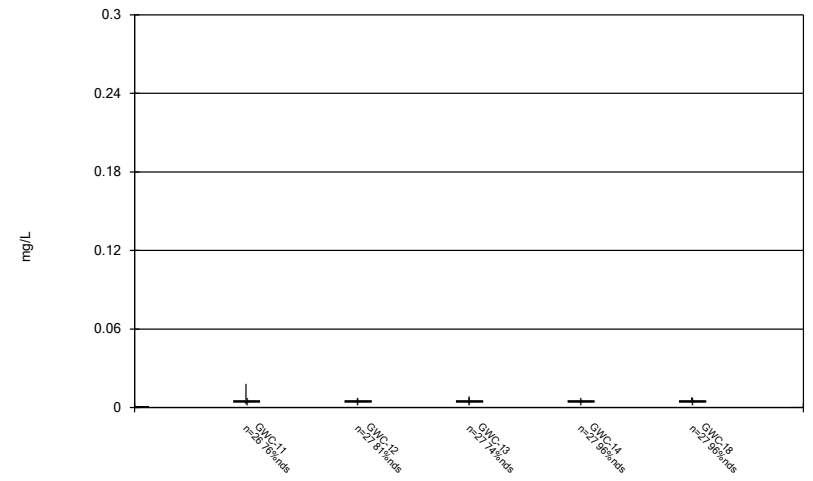
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Box & Whiskers Plot



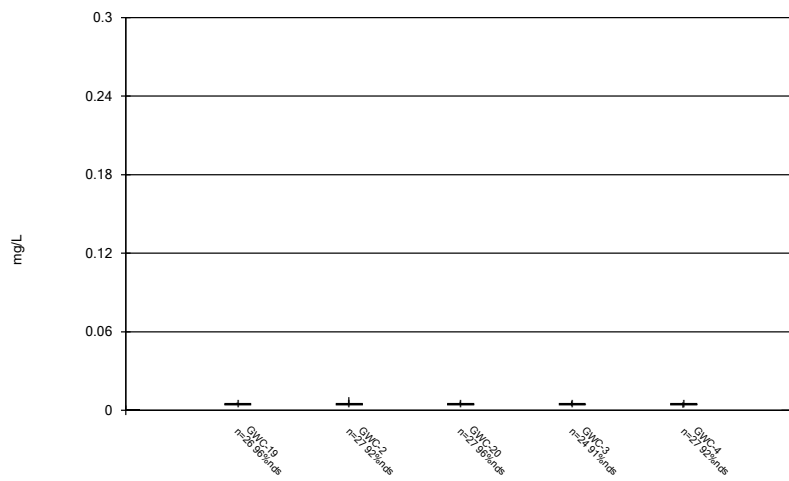
Constituent: Zinc Analysis Run 7/6/2022 8:07 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



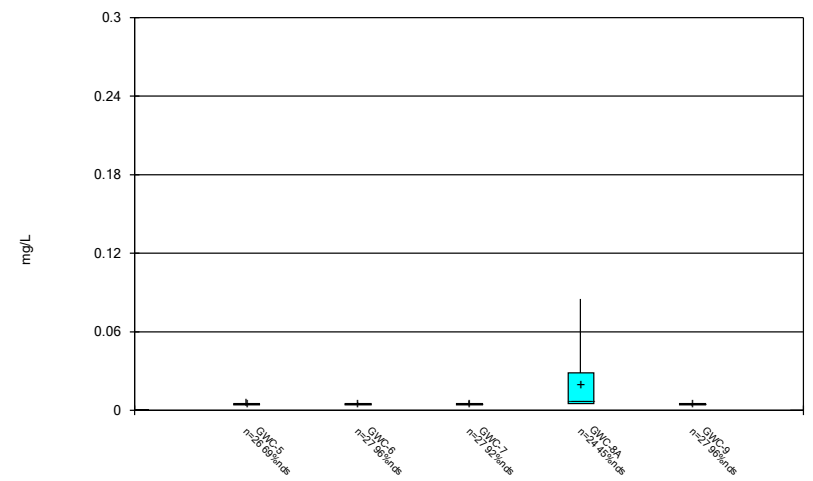
Constituent: Zinc Analysis Run 7/6/2022 8:07 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



Constituent: Zinc Analysis Run 7/6/2022 8:07 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



Constituent: Zinc Analysis Run 7/6/2022 8:07 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:28 AM

	GWC-3 Zinc (mg/L)	GWC-5 Zinc (mg/L)	GWC-8A Zinc (mg/L)
5/11/2010	0.018 (O)		
6/18/2010			
7/28/2010	0.016 (O)		
9/7/2010			
4/28/2011			
4/29/2011			
4/30/2011		0.13 (O)	
10/28/2011			
5/3/2012			
5/10/2013		0.23 (O)	
11/13/2014		0.13 (O)	
5/22/2015			
5/23/2015			
5/24/2015			
4/6/2016			
4/19/2016		0.0133 (O)	
6/21/2016			
10/5/2016	0.01 (O)		
10/10/2016			
2/7/2017			
2/8/2017			
4/6/2017			
3/20/2018			
3/22/2018			
10/2/2018			
3/18/2020			

FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-10	0.03499	n/a	2/15/2022	0.036	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	2/16/2022	0.027	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	n/a	2/15/2022	0.055	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-15	0.0025	n/a	2/15/2022	0.0029	Yes	28	n/a	n/a	53.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Obsrv.	Sig.	Bg	NBg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-16	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-12	0.002	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-18	0.002	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-19	0.002	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-2	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-3	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-7	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-15	0.01222	n/a	2/15/2022	0.012	No	29	1.0e-6	3.3e-7	3.448	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-16	0.039	n/a	2/15/2022	0.024	No	29	n/a	n/a	0	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-17	0.05168	n/a	2/15/2022	0.031	No	29	0.03311	0.007355	3.448	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-1	0.05736	n/a	2/15/2022	0.052	No	29	0.04657	0.004275	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-10	0.03499	n/a	2/15/2022	0.036	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-11	0.02014	n/a	2/16/2022	0.018	No	29	0.000004282	0.000001538	6.897	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-12	0.02024	n/a	2/16/2022	0.018	No	29	0.0002401	0.00006713	6.897	None	x^2	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-13	0.04187	n/a	2/16/2022	0.035	No	25	0.3096	0.01457	0	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-14	0.01121	n/a	2/16/2022	0.011	No	27	8.3e-7	2.3e-7	3.704	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-18	0.04194	n/a	2/16/2022	0.034	No	29	0.0000432	0.00001211	3.448	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	2/16/2022	0.027	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-2	0.05512	n/a	2/15/2022	0.048	No	29	0.04531	0.003886	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-20	0.03633	n/a	2/16/2022	0.03	No	29	0.00002787	0.00000795	3.448	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-3	0.039	n/a	2/15/2022	0.013	No	28	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	n/a	2/15/2022	0.055	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-5	0.1279	n/a	2/15/2022	0.038	No	29	0.1968	0.06373	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-6	0.06608	n/a	2/15/2022	0.057	No	29	0.05388	0.004831	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-7	0.04238	n/a	2/15/2022	0.035	No	29	0.03227	0.004007	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-8A	0.1198	n/a	2/15/2022	0.048	No	29	0.2032	0.05658	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-9	0.03624	n/a	2/15/2022	0.023	No	29	0.02271	0.005359	3.448	None	No	0.0001937	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-17	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-5	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-7	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-8A	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-17	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-11	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-2	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-8A	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-15	0.0036	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-16	0.008833	n/a	2/15/2022	0.0056	No	29	0.06962	0.009652	3.448	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-17	0.0117	n/a	2/15/2022	0.0084	No	29	0.007027	0.001851	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-1	0.01967	n/a	2/15/2022	0.011	No	29	0.01183	0.003104	0	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-10	0.02162	n/a	2/15/2022	0.021	No	25	0.01381	0.003022	0	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-11	0.012	n/a	2/16/2022	0.0074	No	29	n/a	n/a	3.448	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-12	0.0036	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	41.38	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-13	0.009035	n/a	2/16/2022	0.005	No	28	0.06874	0.01036	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-14	0.0038	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWC-18	0.02	n/a	2/16/2022	0.012	No	29	n/a	n/a	0	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-19	0.01516	n/a	2/16/2022	0.011	No	29	0.009037	0.002426	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-2	0.01406	n/a	2/15/2022	0.011	No	29	0.009993	0.00161	6.897	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-20	0.01426	n/a	2/16/2022	0.0081	No	29	0.009105	0.002041	6.897	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-3	0.022	n/a	2/15/2022	0.0076	No	28	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-4	0.01042	n/a	2/15/2022	0.0041	No	29	0.006141	0.001695	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-5	0.01111	n/a	2/15/2022	0.0061	No	29	-5.492	0.393	3.448	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-6	0.012	n/a	2/15/2022	0.0046	No	29	n/a	n/a	6.897	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-7	0.01648	n/a	2/15/2022	0.0088	No	29	-4.614	0.2014	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-8A	0.023	n/a	2/15/2022	0.002ND	No	28	n/a	n/a	39.29	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-9	0.01258	n/a	2/15/2022	0.0079	No	29	0.007675	0.001942	3.448	None	No	0.0001937	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Cobalt, Total (mg/L)	GWA-15	0.0025	n/a	2/15/2022	0.0029	Yes	28	n/a	n/a	n/a	53.57	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-16	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	n/a	89.29	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-17	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-1	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-11	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-12	0.00057	n/a	2/16/2022	0.00033J	No	29	n/a	n/a	n/a	72.41	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-18	0.0025	n/a	2/16/2022	0.0025ND	No	28	n/a	n/a	n/a	89.29	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-19	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-2	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-20	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	82.76	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-3	0.0025	n/a	2/15/2022	0.0025ND	No	27	n/a	n/a	n/a	77.78	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-4	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	82.76	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-5	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-6	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-7	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	86.21	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-8A	0.0046	n/a	2/15/2022	0.0037	No	26	n/a	n/a	n/a	50	n/a	n/a	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWC-9	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	2/15/2022	0.0013J	No	24	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	2/15/2022	0.0013J	No	24	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	2/16/2022	0.002ND	No	23	n/a	n/a	n/a	95.65	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	2/15/2022	0.0013J	No	23	n/a	n/a	n/a	78.26	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	2/15/2022	0.0011J	No	24	n/a	n/a	n/a	50	n/a	n/a	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	2/15/2022	0.002ND	No	23	n/a	n/a	n/a	73.91	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.18	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	33.33	n/a	n/a	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-16	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-17	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-10	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-11	0.0017	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-14	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-18	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-19	0.0015	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-2	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-20	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-3	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-4	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-5	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-7	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-8A	0.0012	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Mercury (mg/L)	GWC-11	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	2/16/2022	0.00015J	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	2/15/2022	0.00065J	No	24	n/a	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	2/15/2022	0.001ND	No	23	n/a	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0018	n/a	2/15/2022	0.00052J	No	23	n/a	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	2/15/2022	0.0022	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	2/16/2022	0.0007J	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	2/16/2022	0.00076J	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.001	n/a	2/16/2022	0.001ND	No	23	n/a	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0015	n/a	2/16/2022	0.001ND	No	23	n/a	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0023	n/a	2/15/2022	0.0018	No	23	n/a	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.003	n/a	2/16/2022	0.00055J	No	23	n/a	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	2/15/2022	0.0013	No	21	n/a	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	2/15/2022	0.00076J	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	2/15/2022	0.001	No	23	n/a	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	2/15/2022	0.00089J	No	24	n/a	n/a	n/a	70.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.0069	n/a	2/15/2022	0.0055	No	22	n/a	n/a	n/a	50	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-15	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-16	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-17	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-1	0.0053	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-10	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-11	0.005	n/a	2/16/2022	0.005ND	No	28	n/a	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-12	0.005	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-14	0.0052	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-18	0.005	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-19	0.005	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-2	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-3	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-4	0.005	n/a	2/15/2022	0.0013J	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-6	0.007	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-7	0.0053	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-8A	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-9	0.0065	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-15	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-16	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-17	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-19	0.001	n/a	2/16/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2

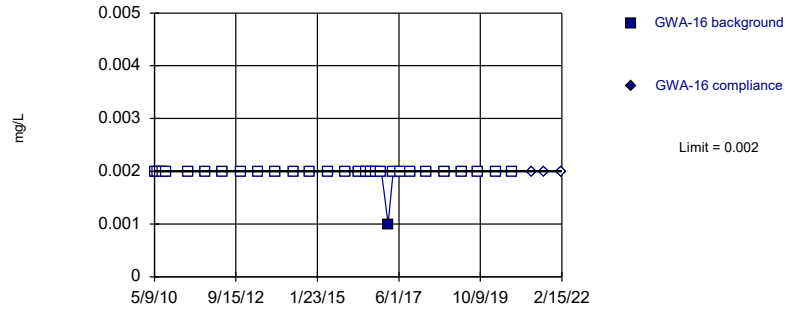
Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Thallium, Total (mg/L)	GWC-2	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-4	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-5	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-7	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-8A	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01241	n/a	2/15/2022	0.0077	No	24	0.007244	0.001978	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.009964	n/a	2/15/2022	0.0052	No	24	0.06396	0.01374	16.67	Kaplan-Meier	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02568	n/a	2/15/2022	0.018	No	24	0.01527	0.003991	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.018	n/a	2/15/2022	0.012	No	24	0.01197	0.002311	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.01477	n/a	2/16/2022	0.0099	No	24	0.01047	0.001648	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	2/16/2022	0.001ND	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	2/16/2022	0.0011	No	24	n/a	n/a	70.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	2/16/2022	0.00091J	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01191	n/a	2/16/2022	0.0066	No	24	0.1875	0.01567	4.167	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01075	n/a	2/16/2022	0.0068	No	24	0.007178	0.001371	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.02033	n/a	2/15/2022	0.016	No	24	0.01352	0.00261	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02389	n/a	2/16/2022	0.018	No	24	0.01733	0.002514	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01131	n/a	2/15/2022	0.0064	No	23	0.08012	0.009969	4.348	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01219	n/a	2/15/2022	0.0059	No	24	0.007693	0.001725	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006806	n/a	2/15/2022	0.0026	No	24	0.003039	0.001444	25	Kaplan-Meier	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01371	n/a	2/15/2022	0.0094	No	24	0.008936	0.001829	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01729	n/a	2/15/2022	0.013	No	24	0.0001713	0.0000489	4.167	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.04443	n/a	2/15/2022	0.00079J	No	21	0.01412	0.01131	9.524	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02794	n/a	2/15/2022	0.017	No	24	0.01653	0.004374	4.167	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.006	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0084	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	2/16/2022	0.0034J	No	23	n/a	n/a	n/a	82.61	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	2/16/2022	0.0032J	No	24	n/a	n/a	n/a	83.33	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	2/16/2022	0.004J	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.005	n/a	2/16/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0077	n/a	2/16/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	n/a	2/16/2022	0.005ND	No	23	n/a	n/a	n/a	95.65	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	2/16/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	n/a	2/15/2022	0.005ND	No	21	n/a	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	n/a	2/15/2022	0.0034J	No	23	n/a	n/a	n/a	73.91	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	n/a	2/15/2022	0.0037J	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	2/15/2022	0.005ND	No	21	n/a	n/a	n/a	38.1	n/a	n/a	0.003999 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

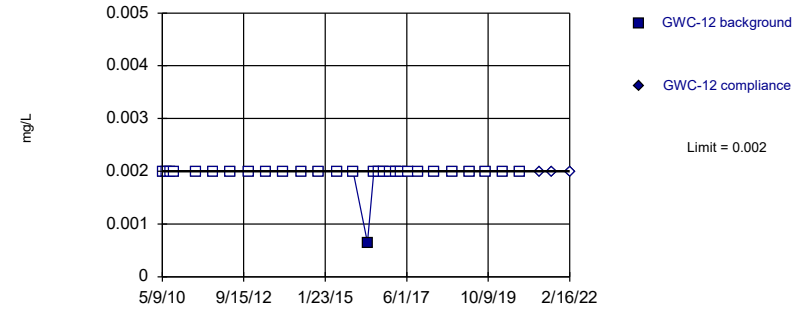


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

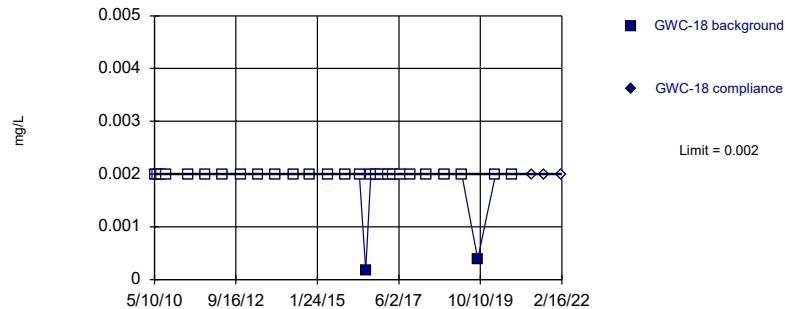


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

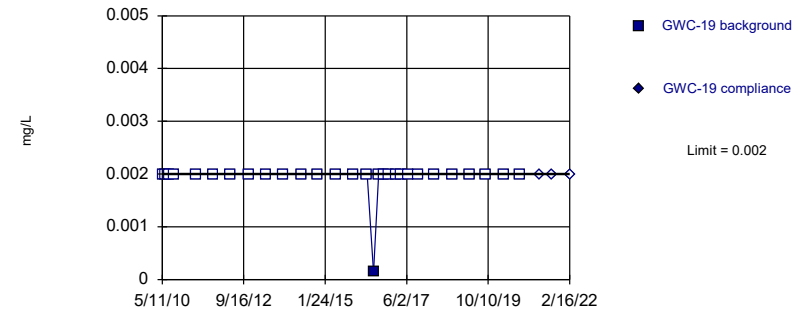


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

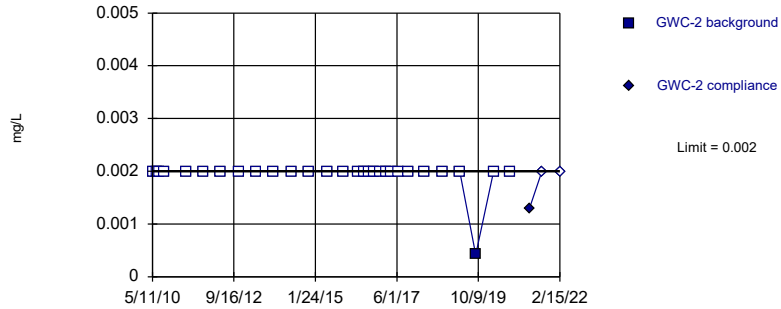


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

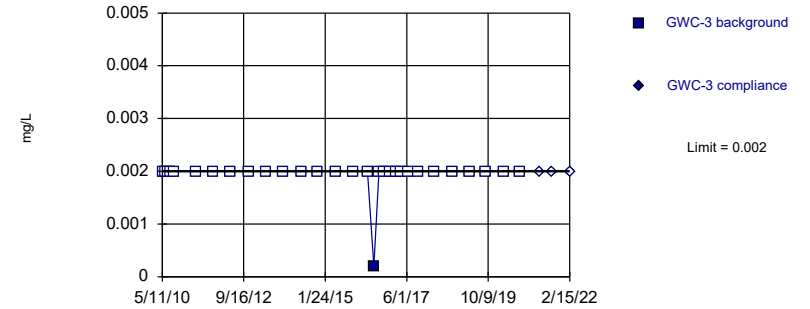


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

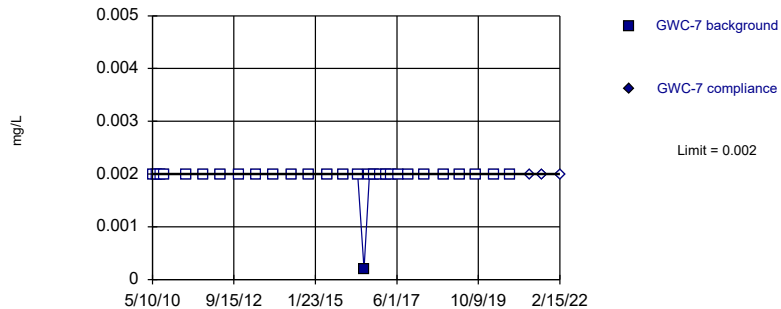


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

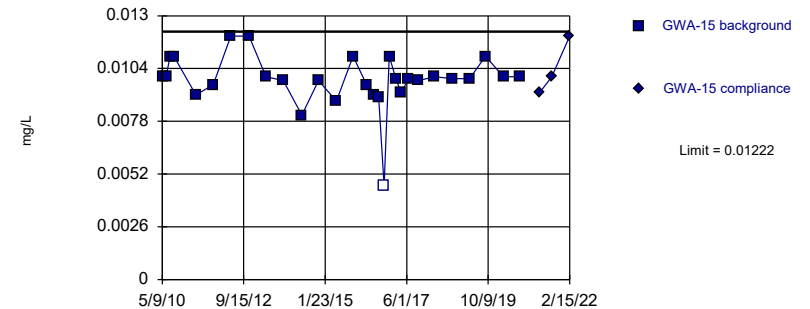


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

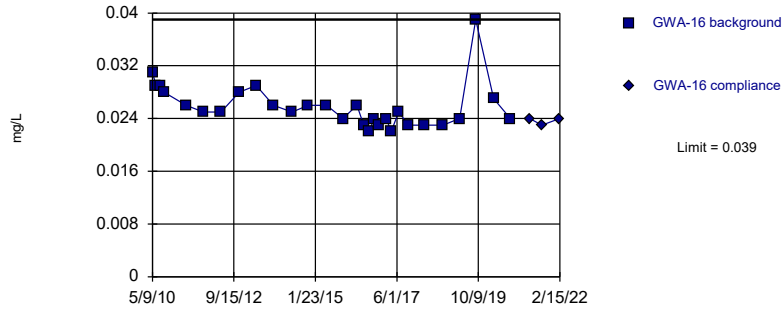


Background Data Summary (based on cube transformation): Mean=1.0e-6, Std. Dev.=3.3e-7, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9129, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

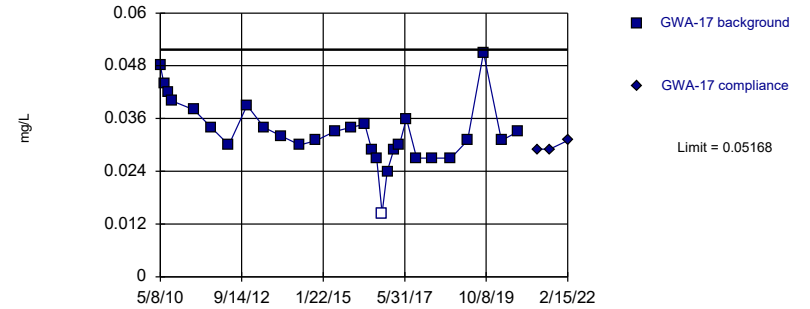


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

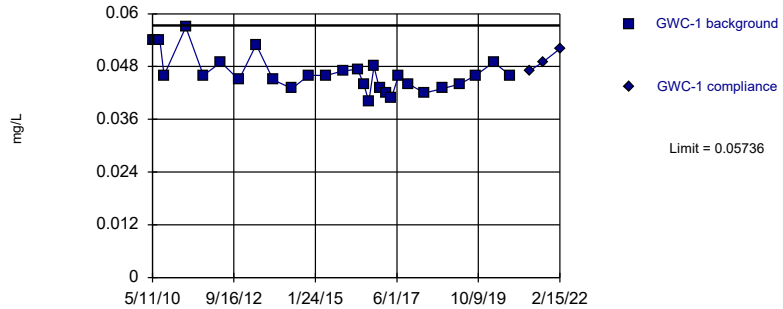


Background Data Summary: Mean=0.03311, Std. Dev.=0.007355, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9538, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

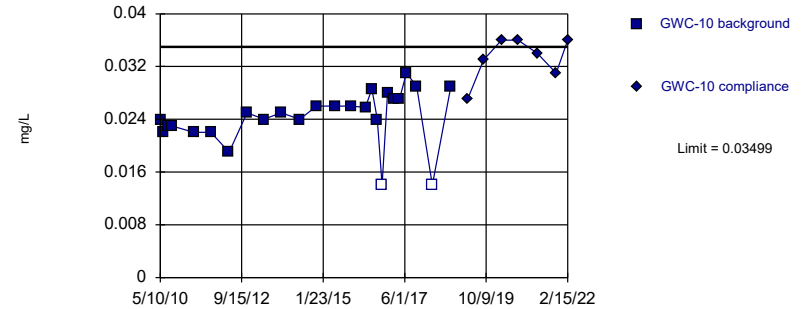


Background Data Summary: Mean=0.04657, Std. Dev.=0.004275, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9101, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

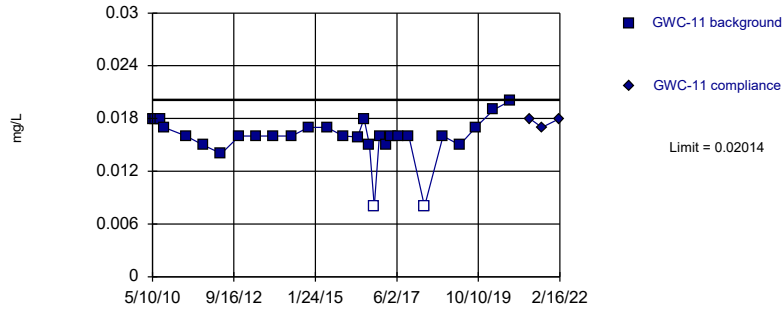


Background Data Summary: Mean=0.02434, Std. Dev.=0.004121, n=25, 8% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9043, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

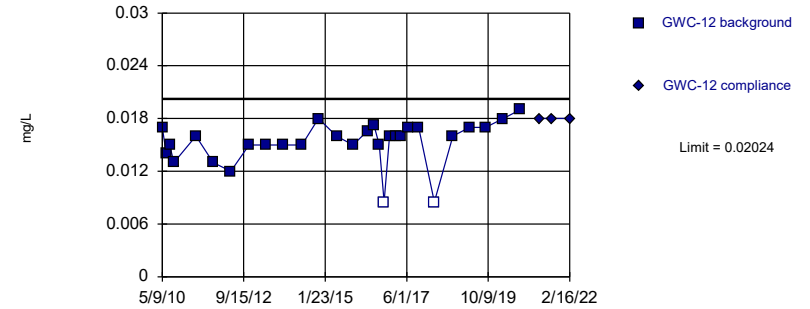


Background Data Summary (based on cube transformation): Mean=0.000004282, Std. Dev.=0.000001538, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9008, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

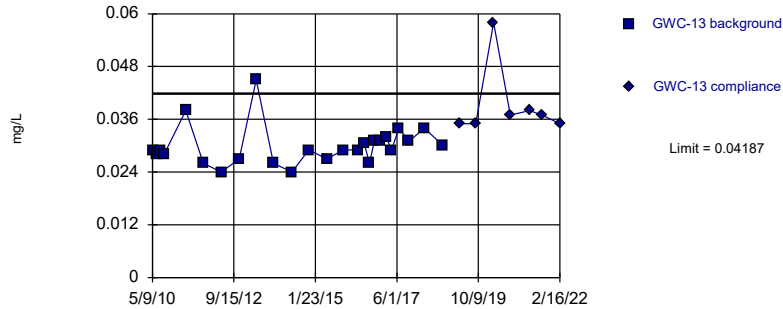


Background Data Summary (based on square transformation): Mean=0.0002401, Std. Dev.=0.00006713, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9197, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

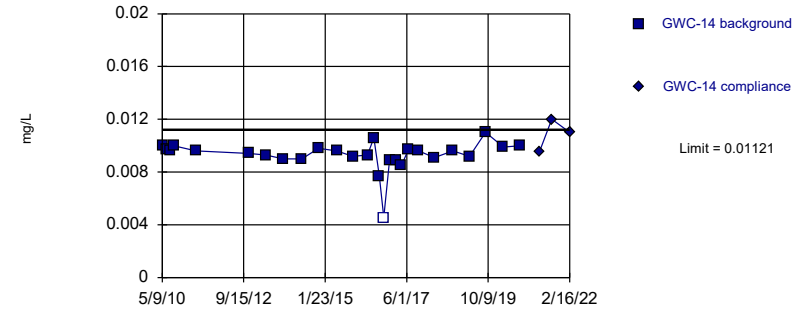


Background Data Summary (based on cube root transformation): Mean=0.3096, Std. Dev.=0.01457, n=25, Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8937, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

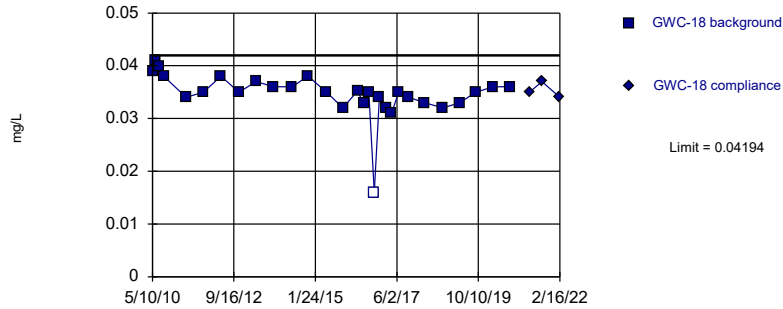


Background Data Summary (based on cube transformation): Mean=8.3e-7, Std. Dev.=2.3e-7, n=27, 3.704% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.894. Kappa = 2.555 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

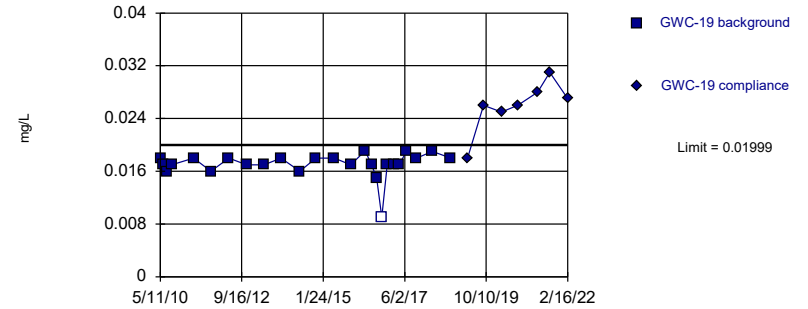


Background Data Summary (based on cube transformation): Mean=0.0000432, Std. Dev.=0.00001211, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9278, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

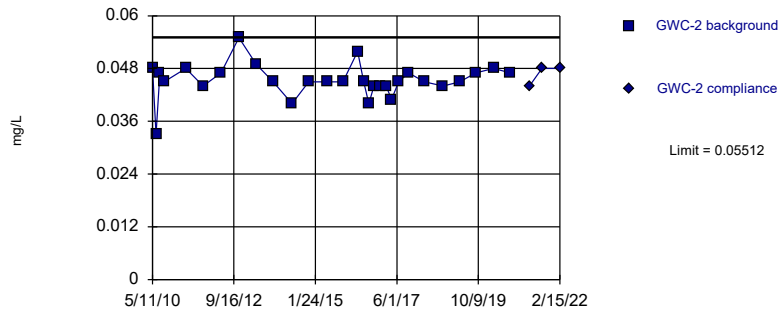


Background Data Summary (based on x^4 transformation): Mean=9.0e-8, Std. Dev.=2.7e-8, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8905, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

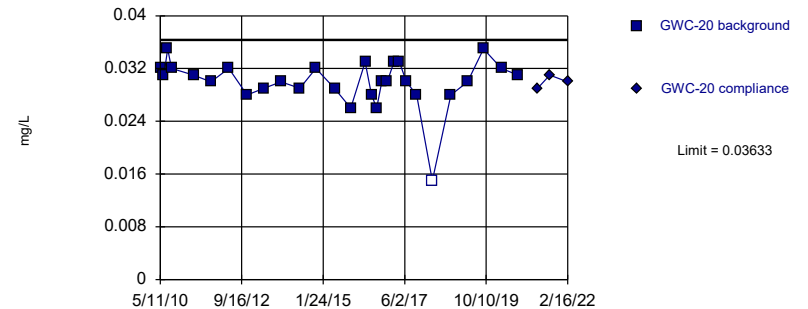


Background Data Summary: Mean=0.04531, Std. Dev.=0.003886, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

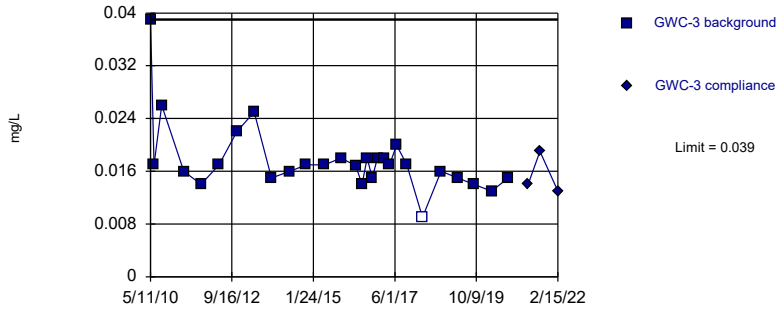


Background Data Summary (based on cube transformation): Mean=0.00002787, Std. Dev.=0.00000795, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.943, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

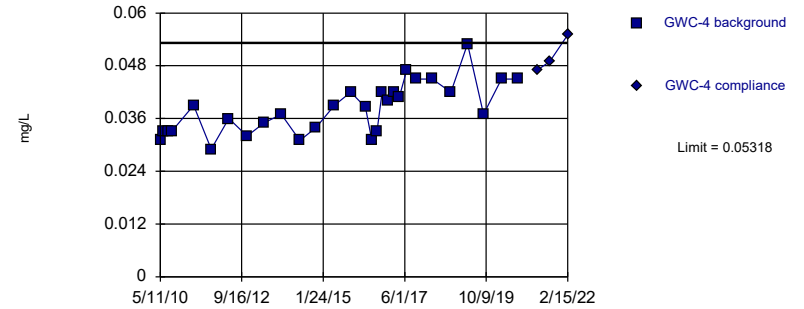


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 3.571% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
 Intrawell Parametric

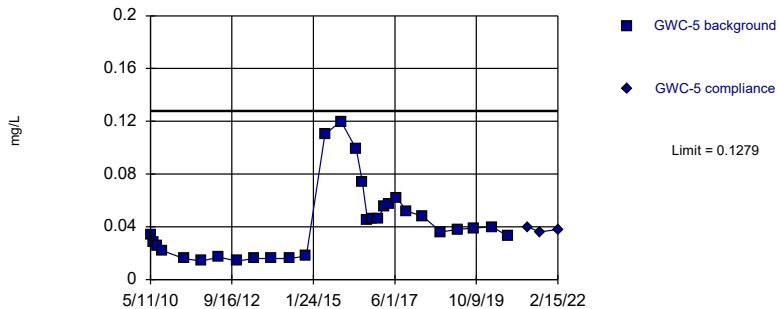


Background Data Summary: Mean=0.0383, Std. Dev.=0.005897, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9543, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

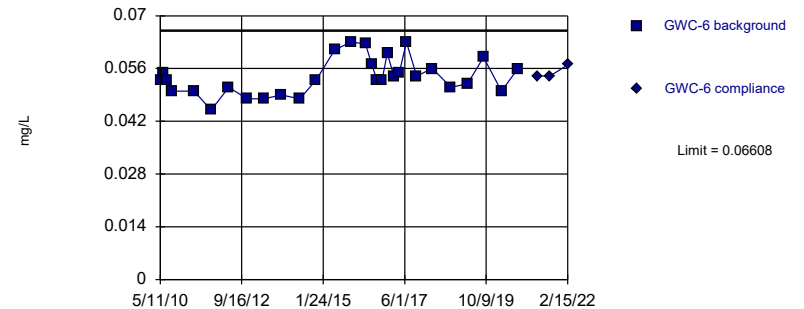


Background Data Summary (based on square root transformation): Mean=0.1968, Std. Dev.=0.06373, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9165, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

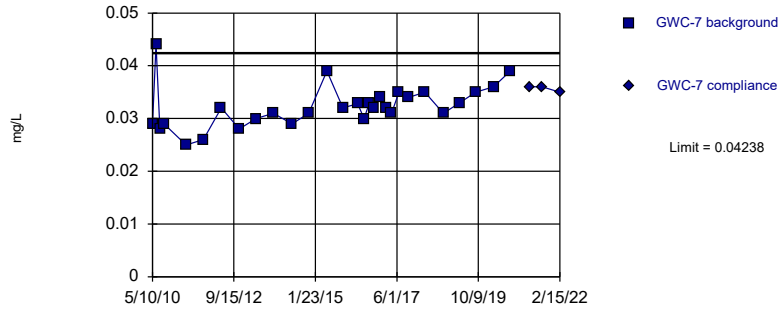


Background Data Summary: Mean=0.05388, Std. Dev.=0.004831, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9503, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

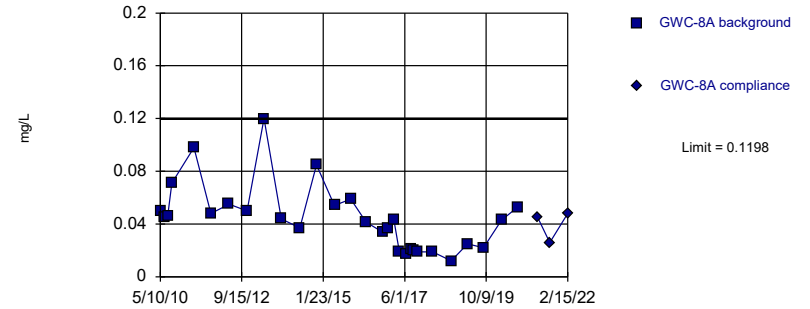


Background Data Summary: Mean=0.03227, Std. Dev.=0.004007, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9528, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

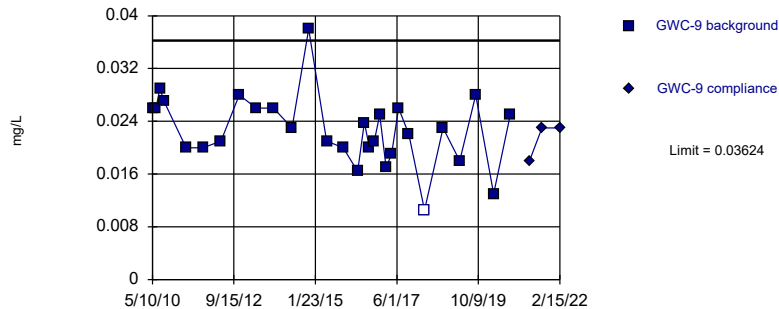


Background Data Summary (based on square root transformation): Mean=0.2032, Std. Dev.=0.05658, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

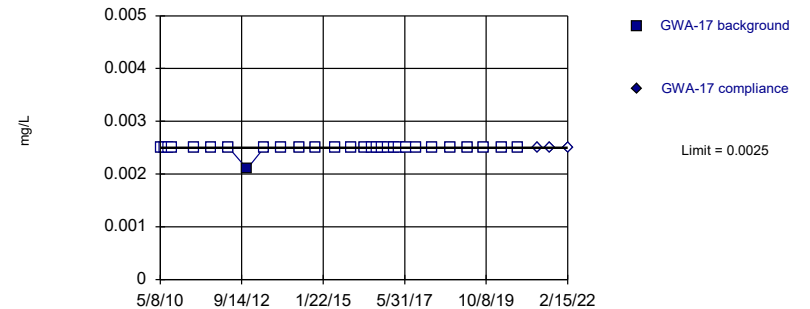


Background Data Summary: Mean=0.02271, Std. Dev.=0.005359, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.963, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

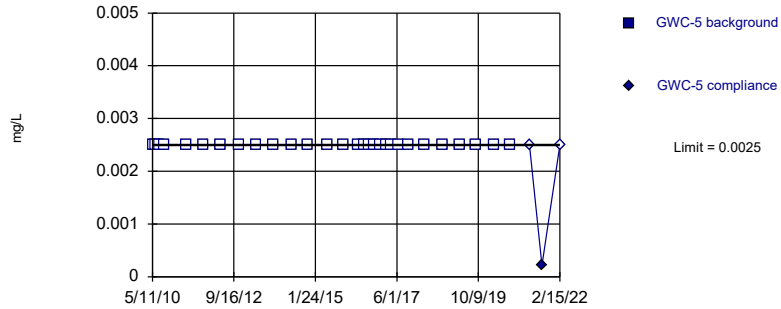


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Beryllium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

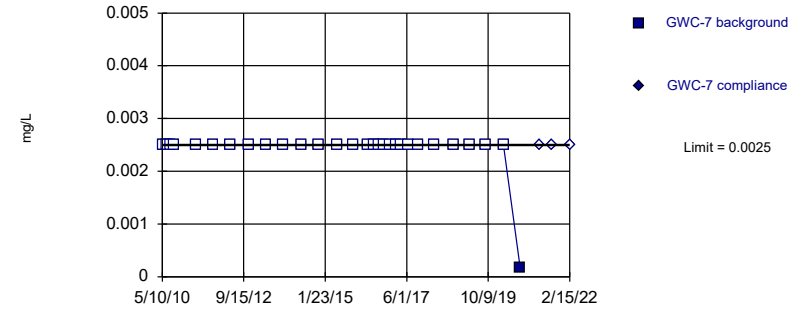


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Beryllium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

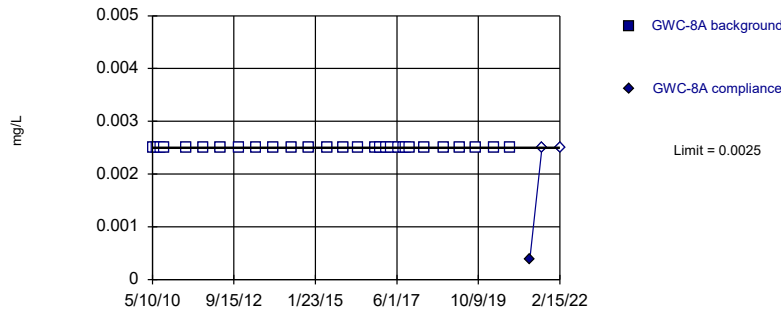


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Beryllium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

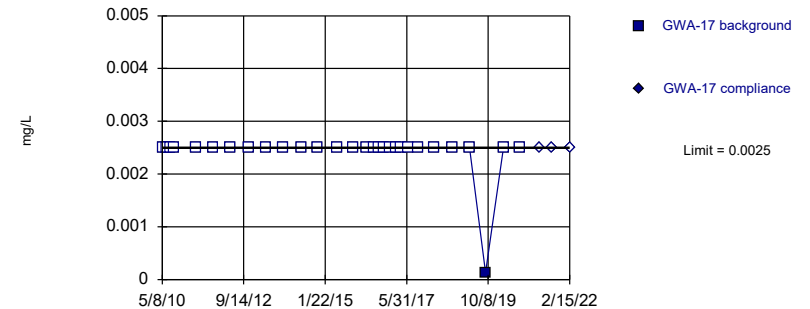


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Beryllium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

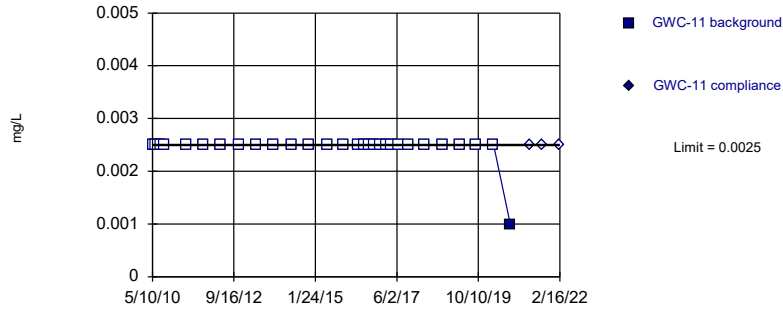


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

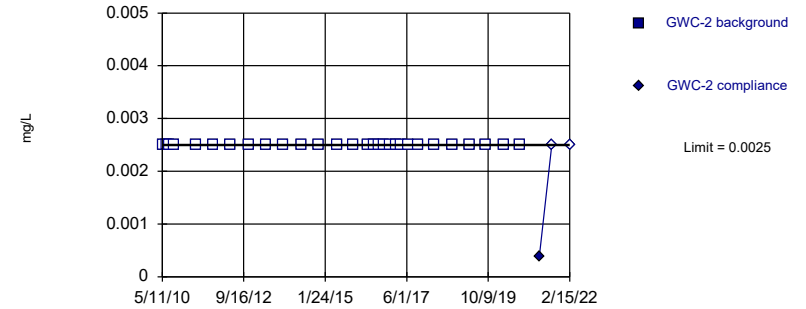


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

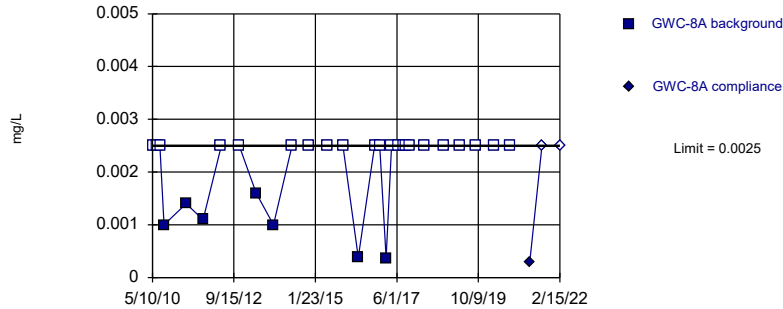


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

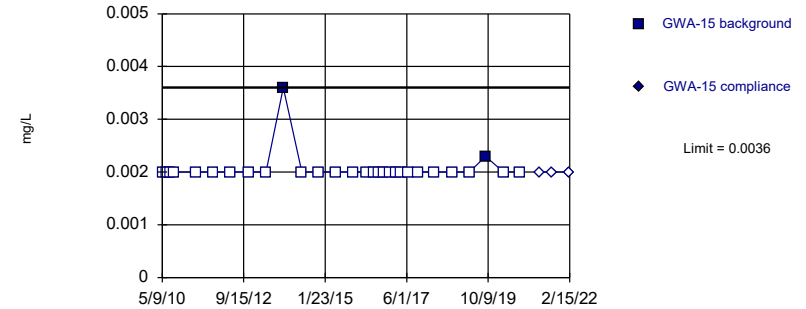


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 75.86% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

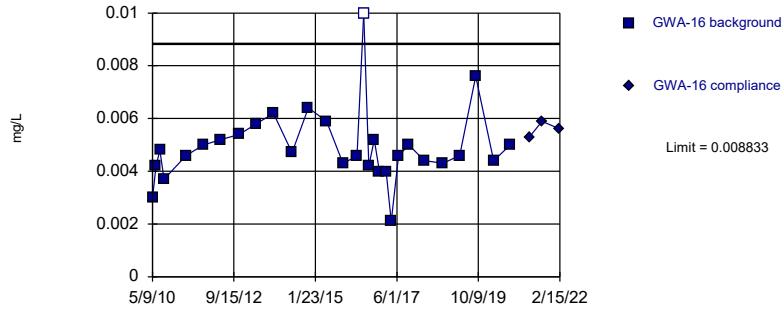


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

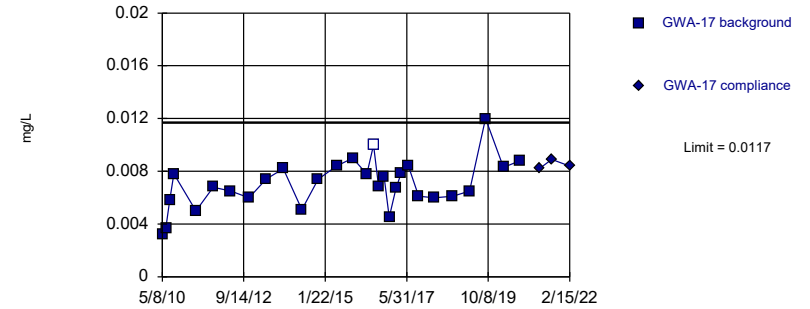


Background Data Summary (based on square root transformation): Mean=0.06962, Std. Dev.=0.009652, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9148, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

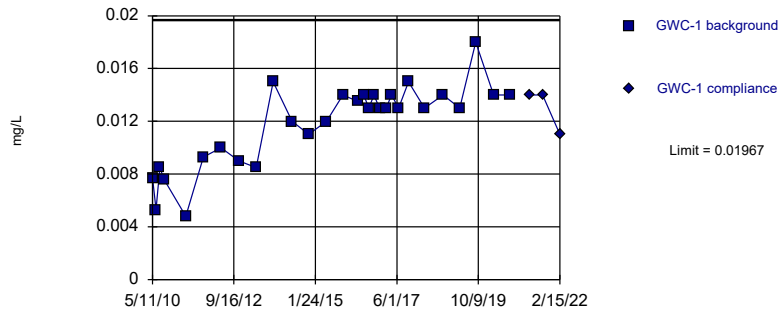


Background Data Summary: Mean=0.007027, Std. Dev.=0.001851, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9797, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

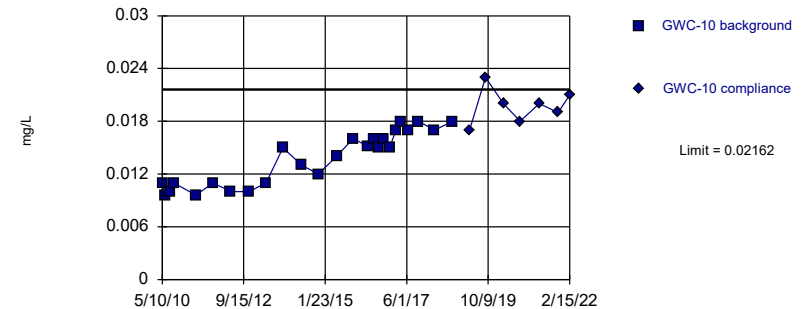


Background Data Summary: Mean=0.01183, Std. Dev.=0.003104, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9149, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

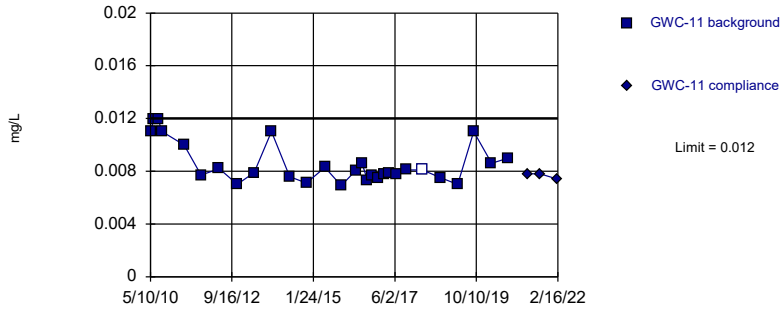


Background Data Summary: Mean=0.01381, Std. Dev.=0.003022, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8903, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

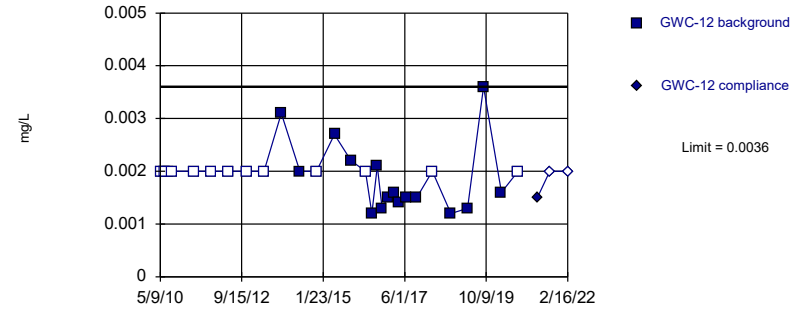


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 3.448% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

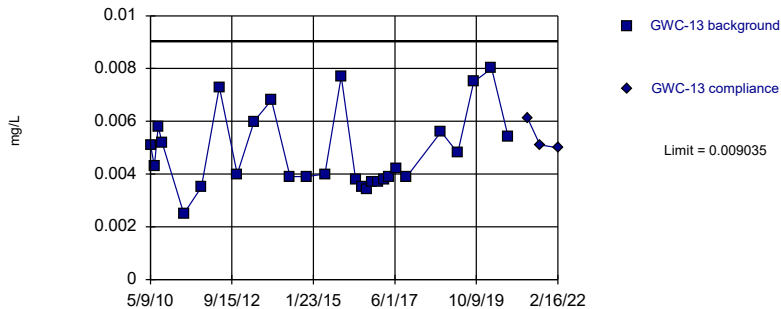


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 41.38% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

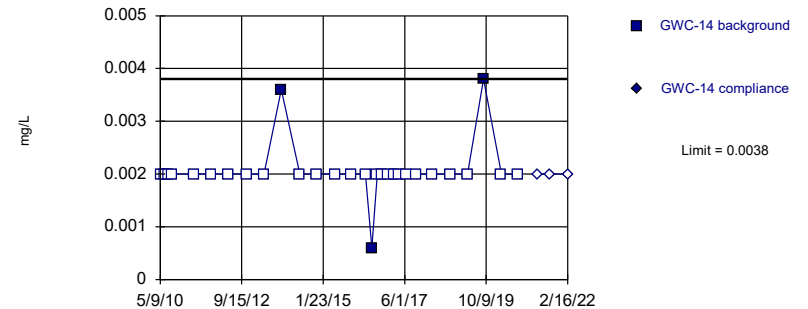


Background Data Summary (based on square root transformation): Mean=0.06874, Std. Dev.=0.01036, n=28.
Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9091, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

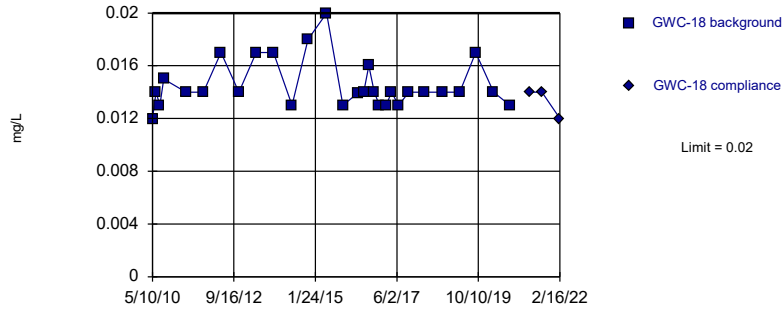


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

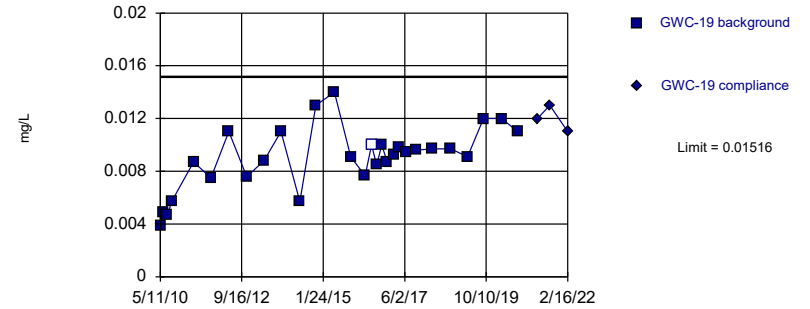


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric



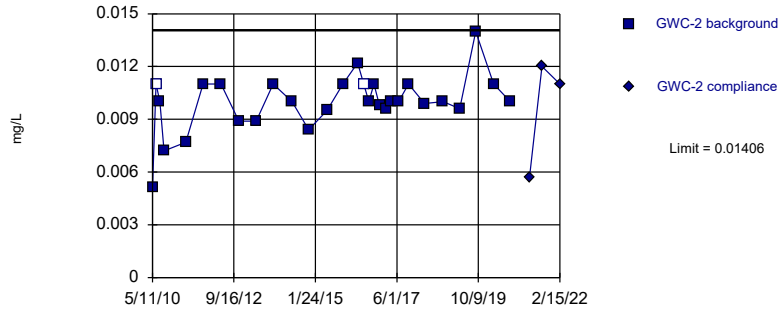
Background Data Summary: Mean=0.009037, Std. Dev.=0.002426, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9639, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



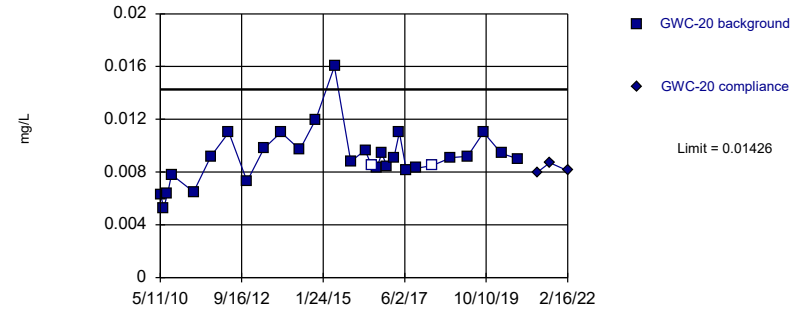
Background Data Summary: Mean=0.009993, Std. Dev.=0.00161, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9049, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

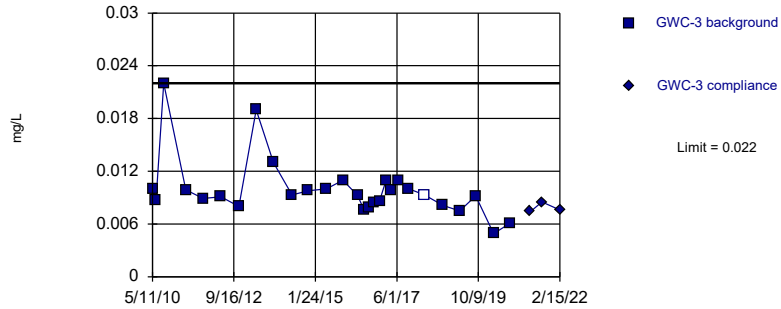


Background Data Summary: Mean=0.009105, Std. Dev.=0.002041, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9156, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

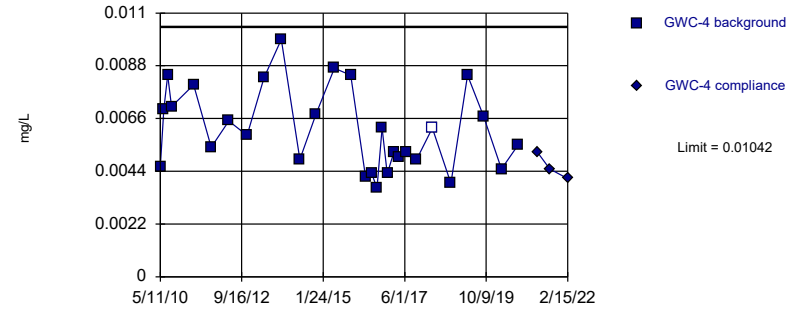


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 3.571% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

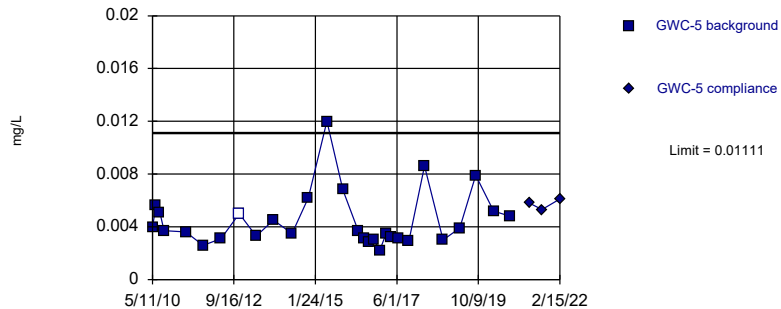


Background Data Summary: Mean=0.006141, Std. Dev.=0.001695, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9384, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

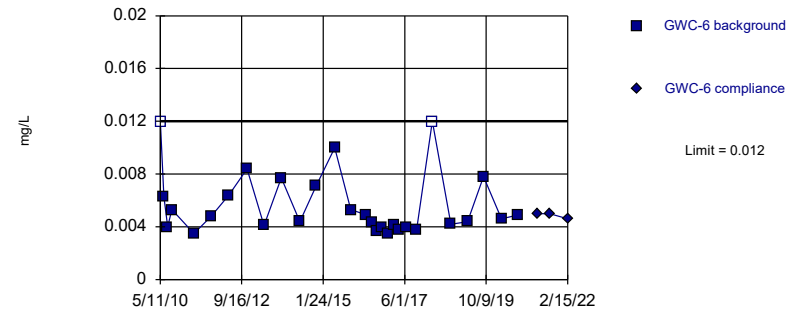


Background Data Summary (based on natural log transformation): Mean=-5.492, Std. Dev.=0.393, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9296, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

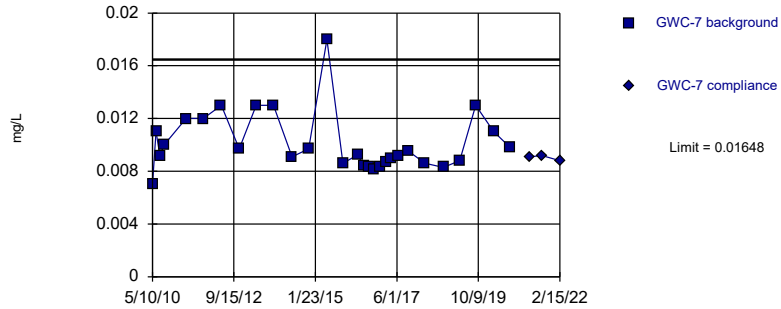


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 6.897% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

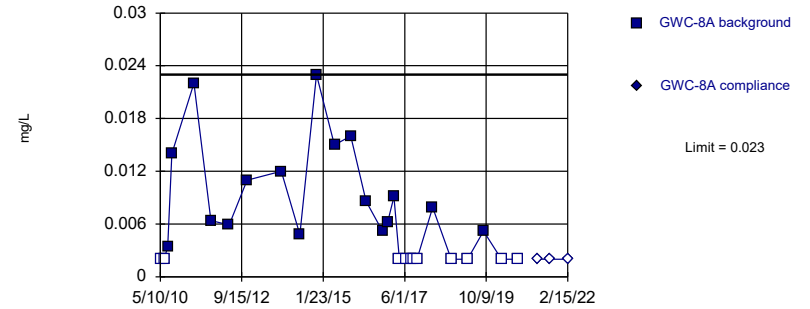


Background Data Summary (based on natural log transformation): Mean=-4.614, Std. Dev.=0.2014, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9093, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

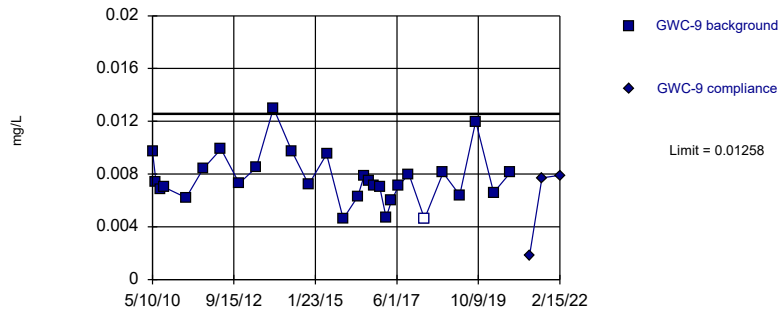


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 39.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

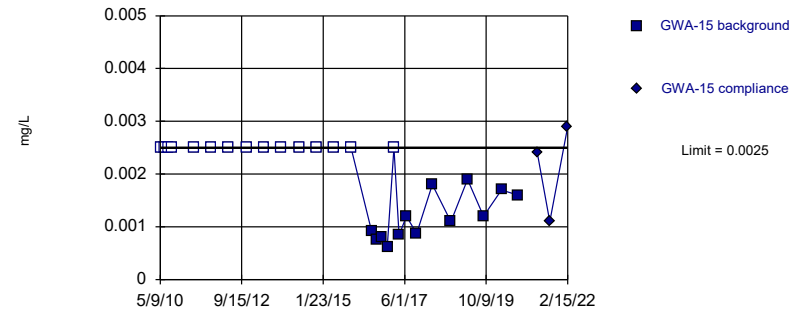


Background Data Summary: Mean=0.007675, Std. Dev.=0.001942, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9317, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

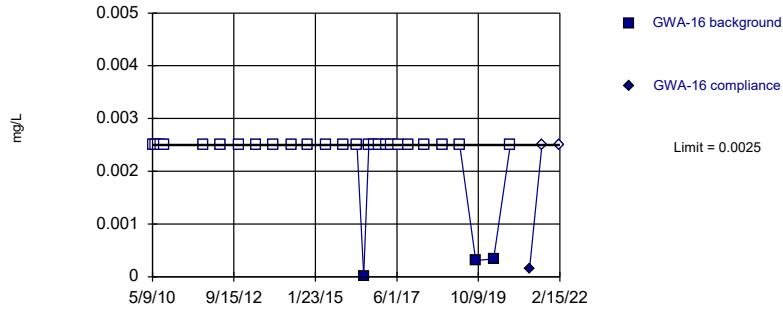


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 53.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

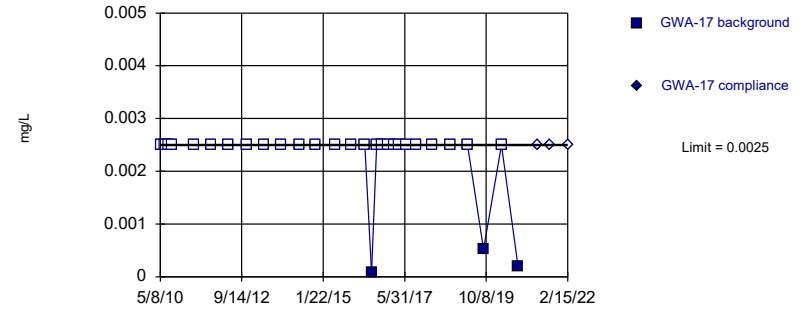


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

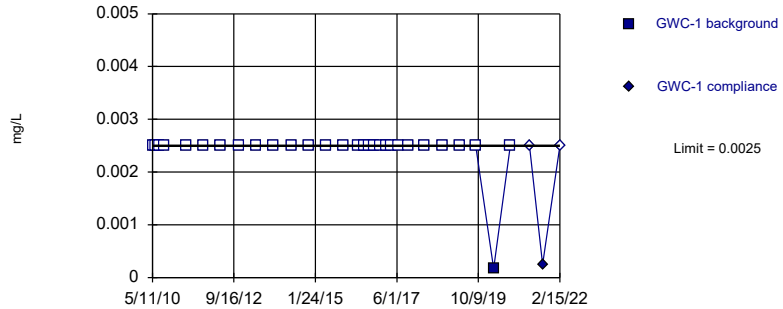


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

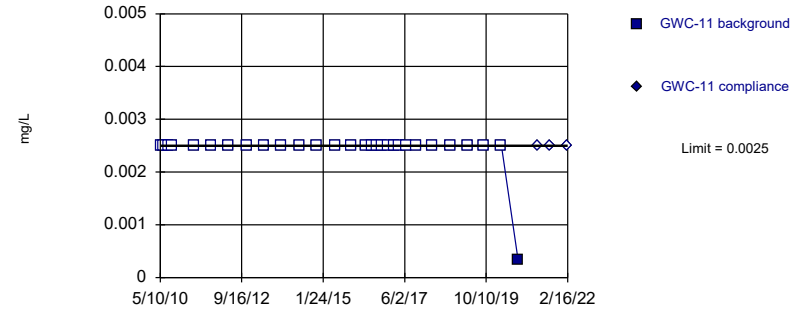


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

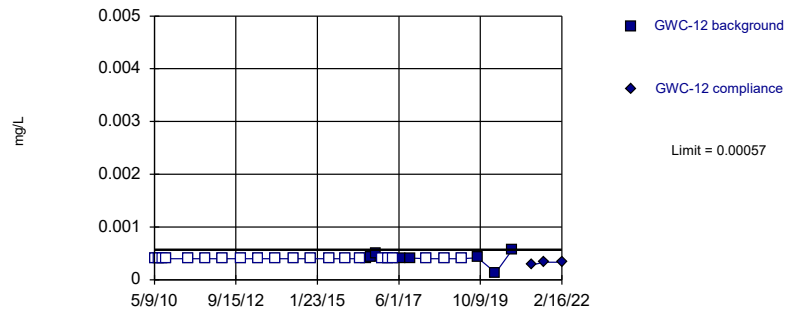


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

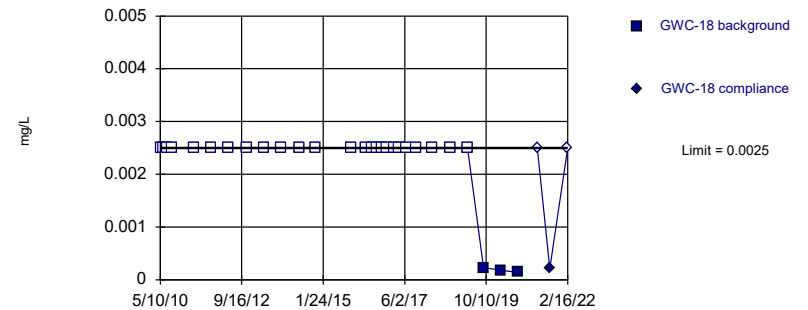


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 72.41% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

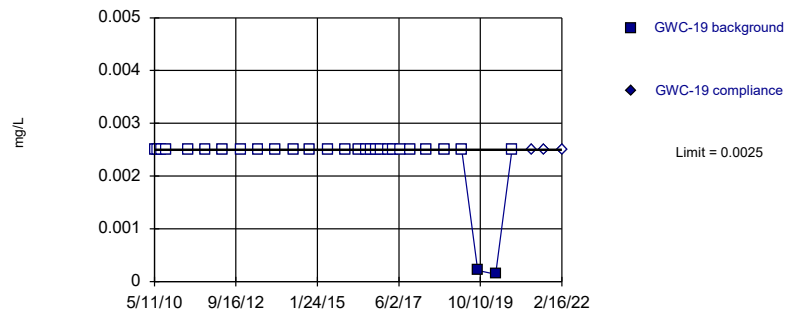


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

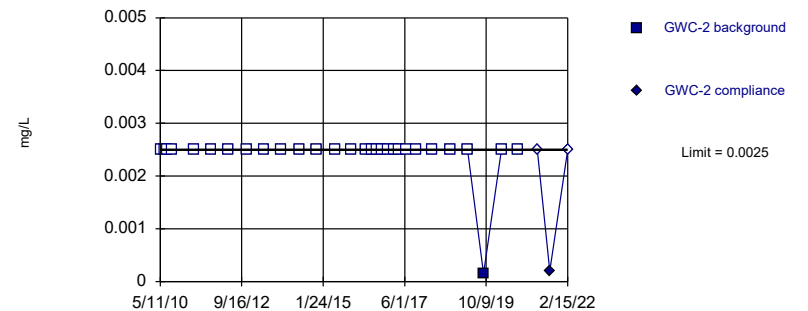


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

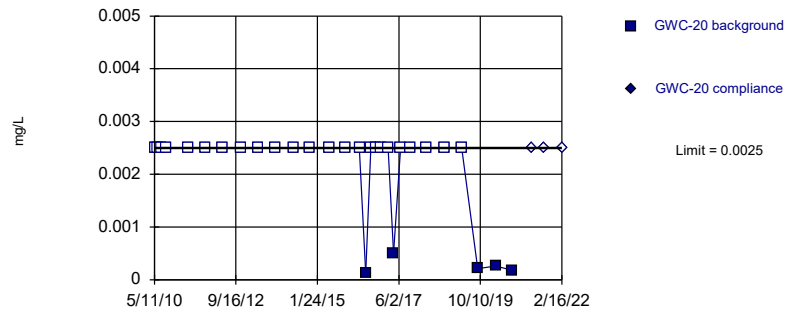


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

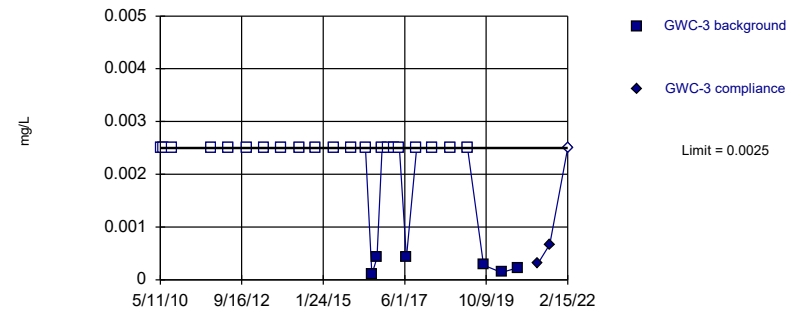


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 82.76% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

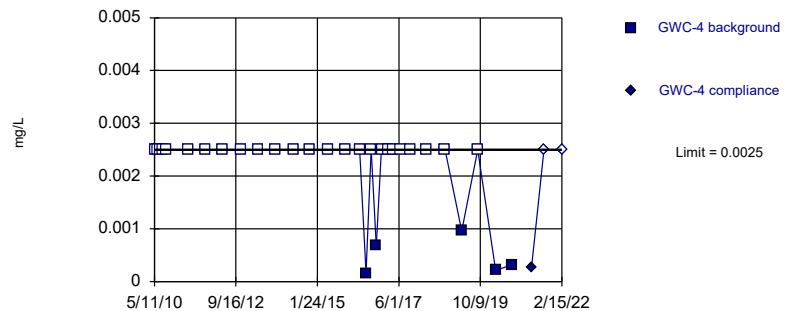


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

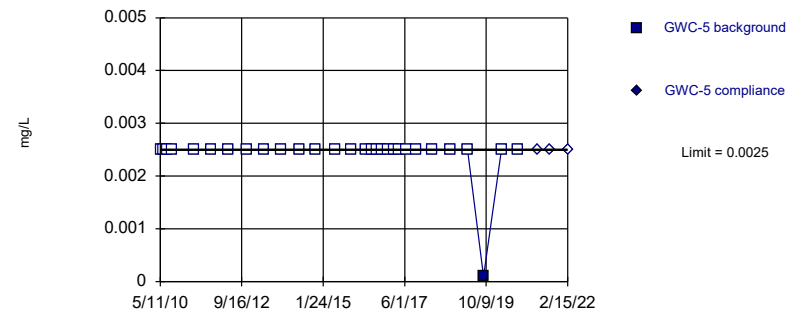


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 82.76% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

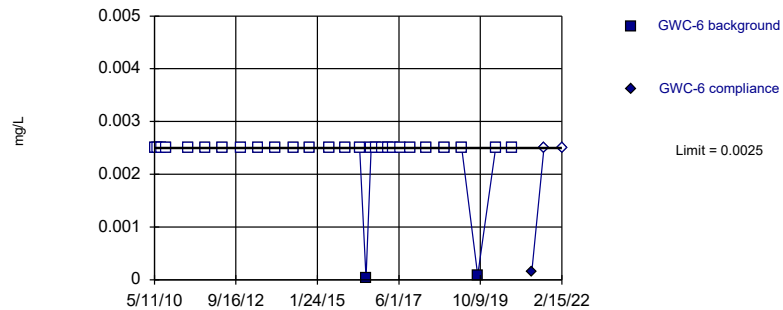


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

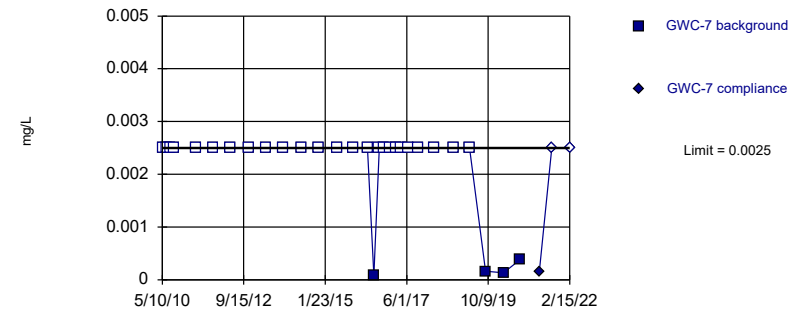


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

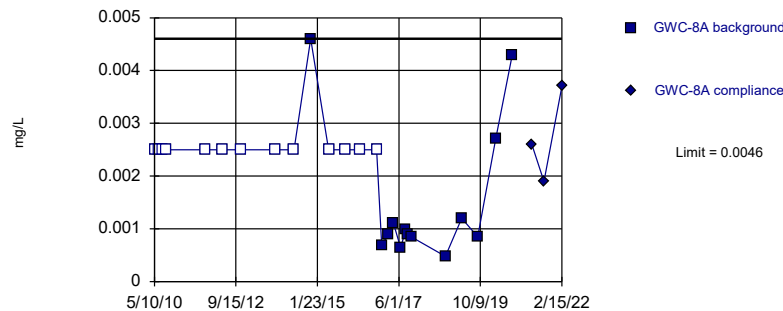


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 86.21% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

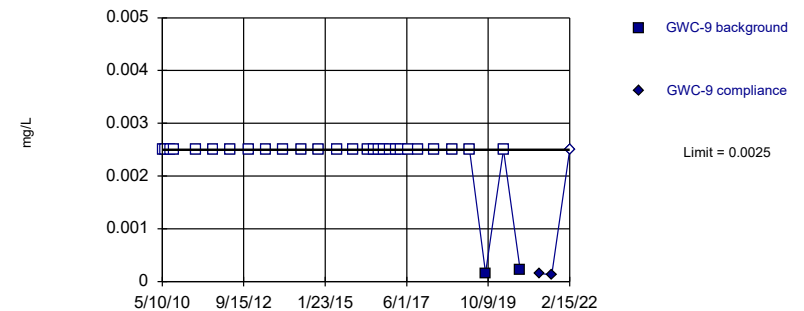


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 50% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

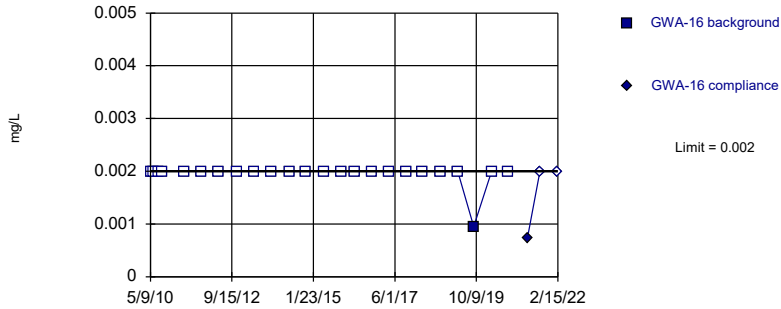


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

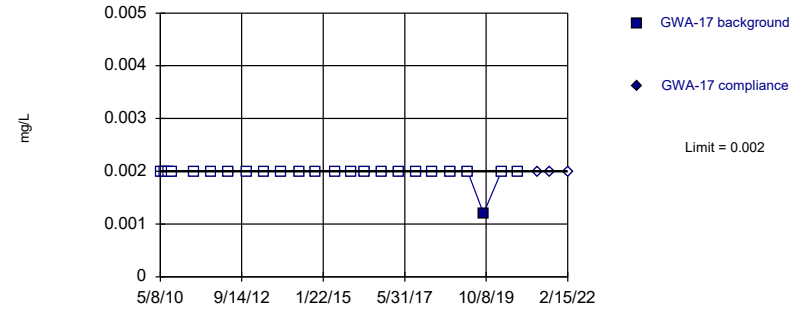


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

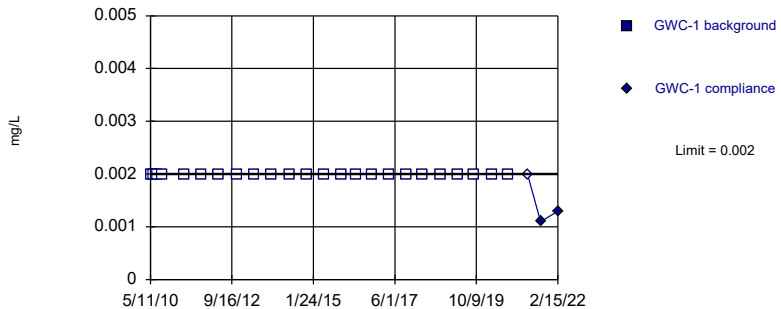


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

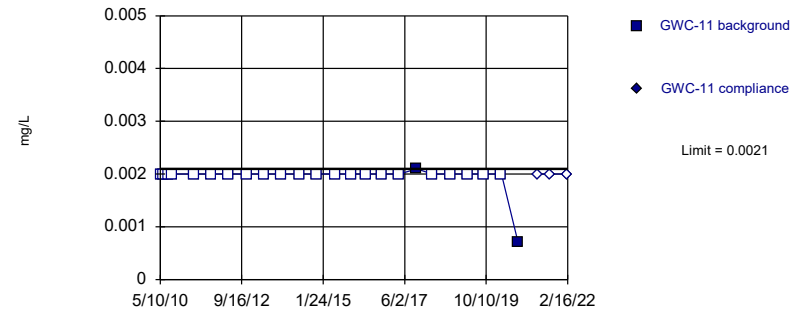


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 24) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

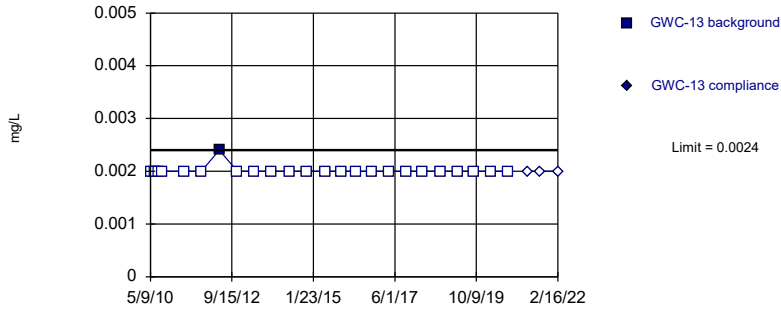


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

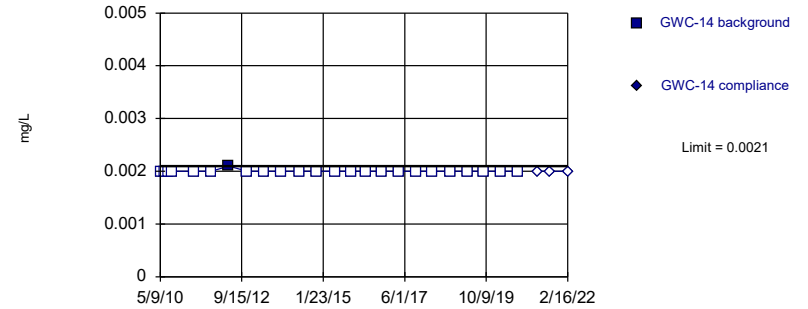


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

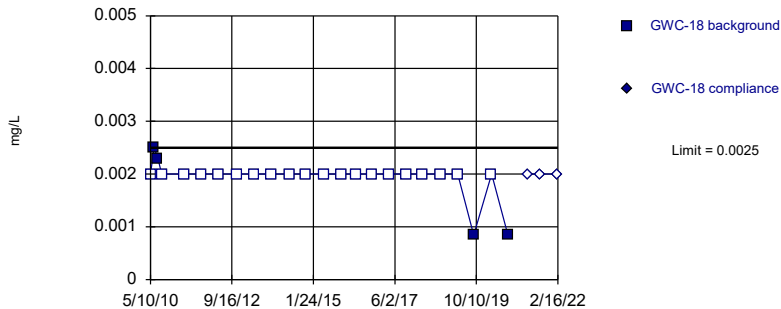


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

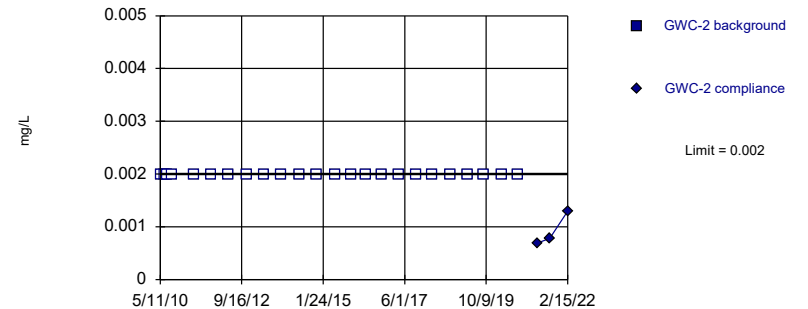


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

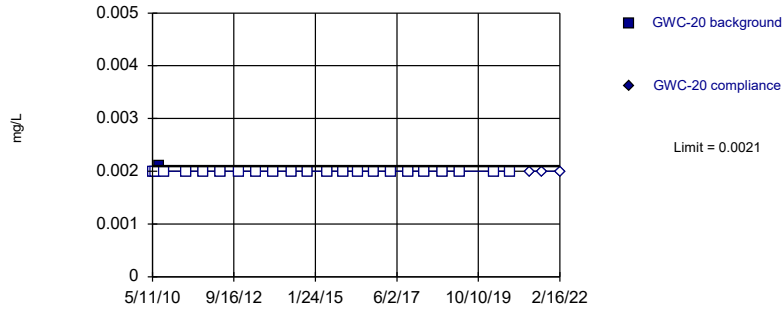


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 24) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

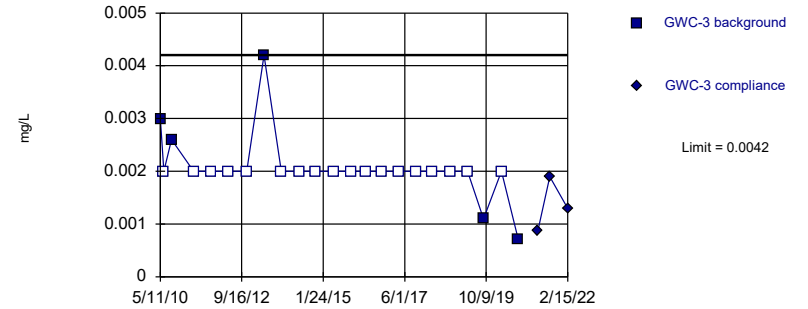


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

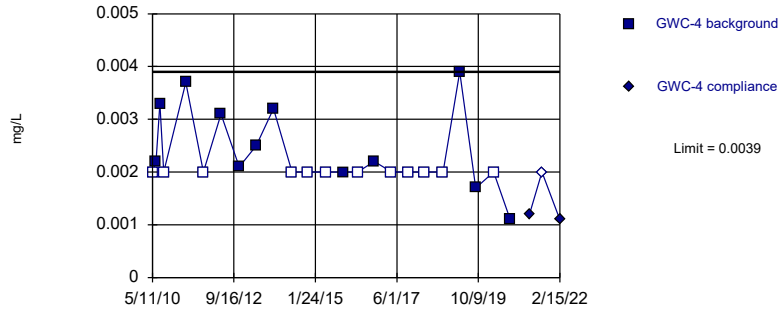


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

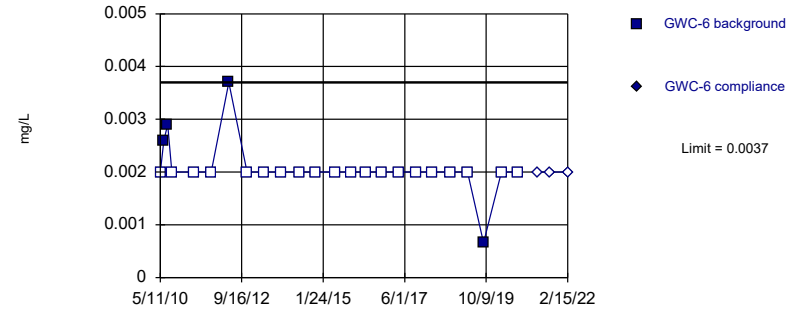


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 50% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

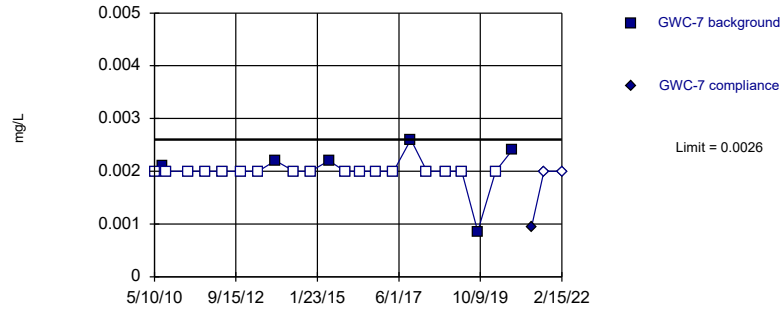


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

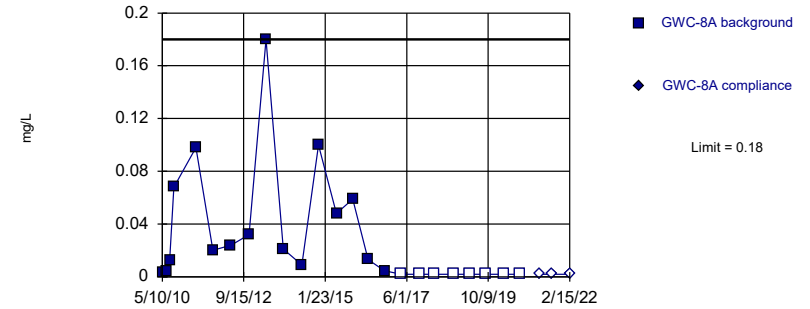


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

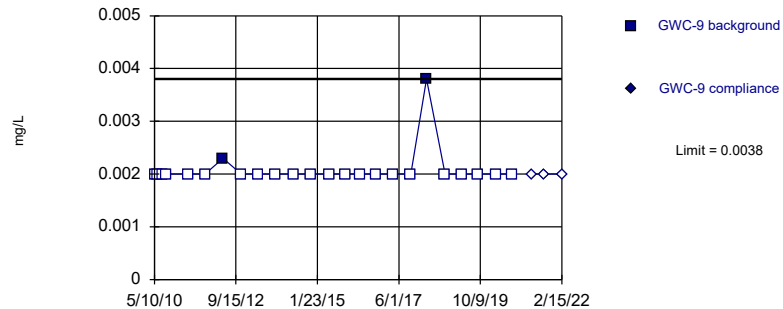


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

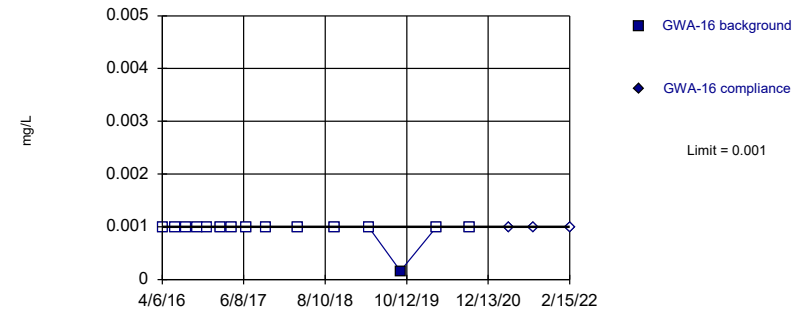


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

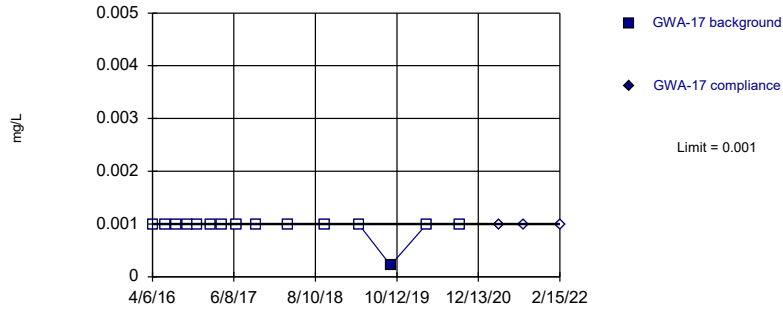


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

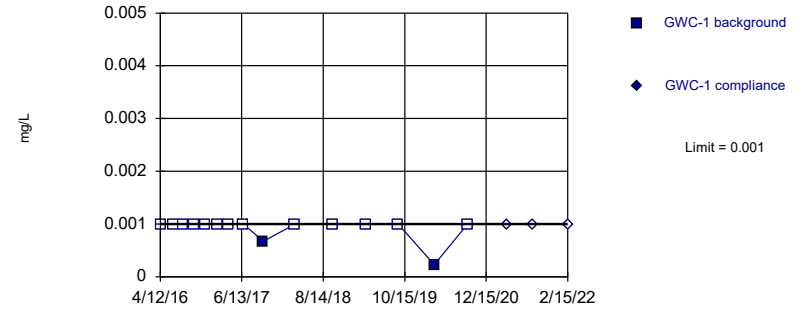


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

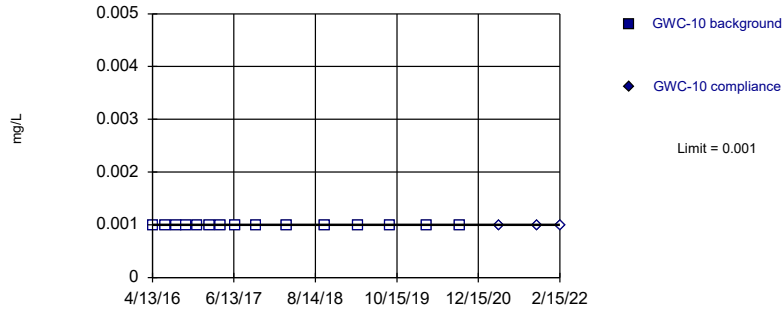


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

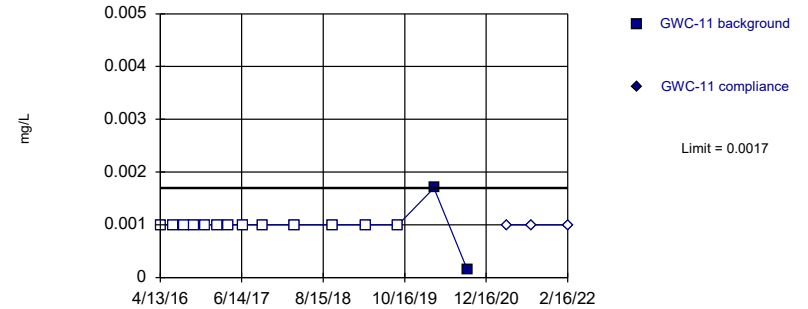


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

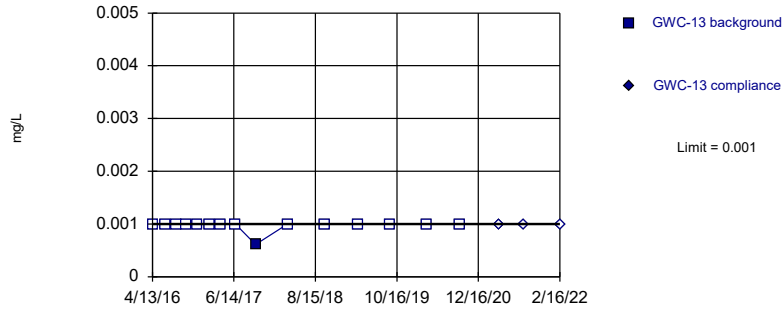


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

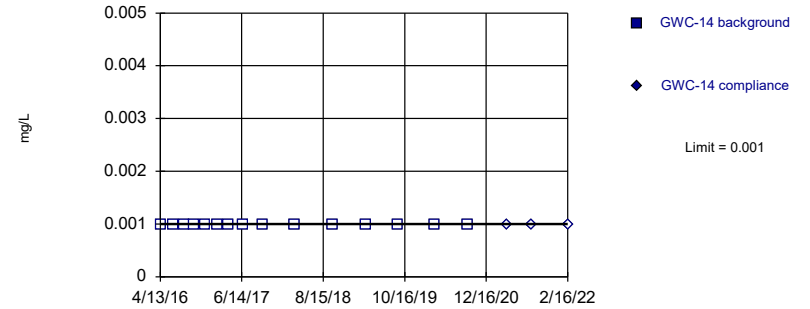


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

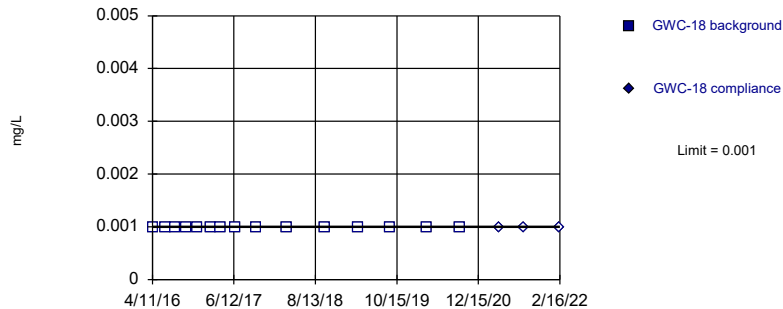


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

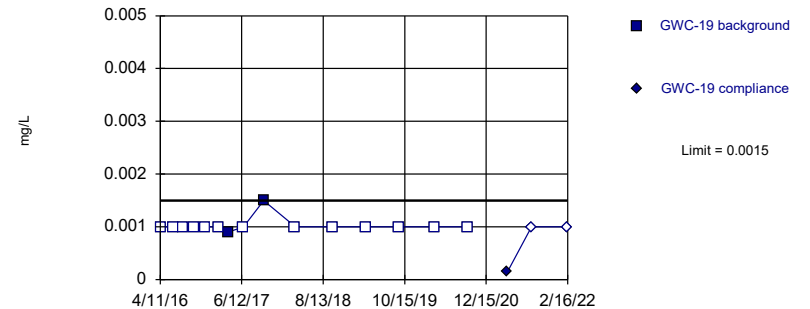


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

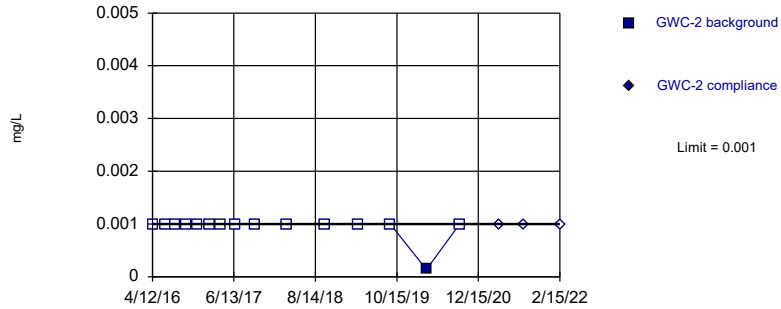


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

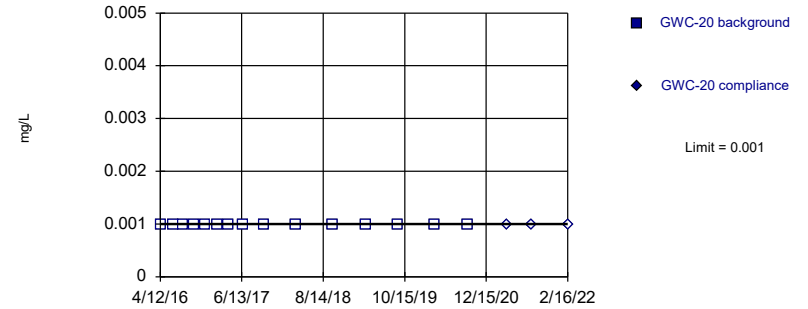


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

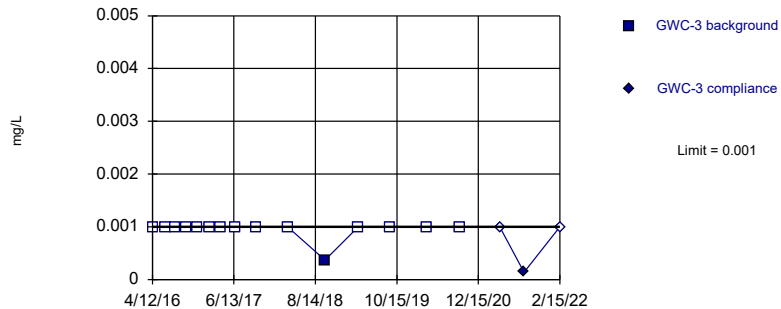


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

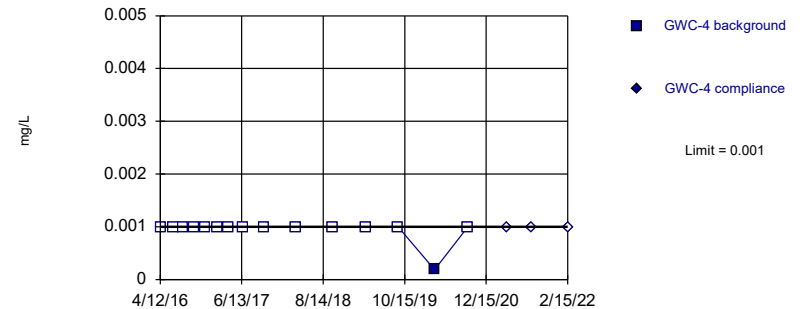


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

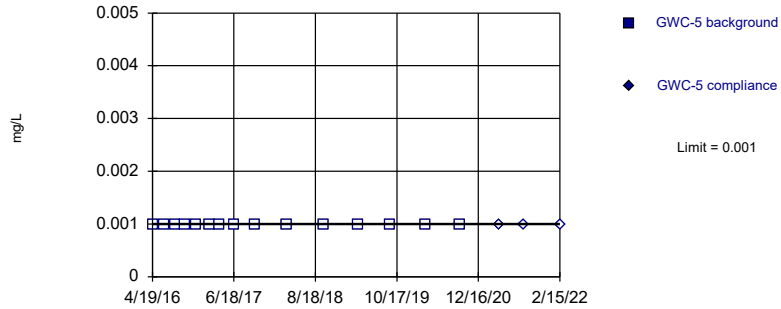


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

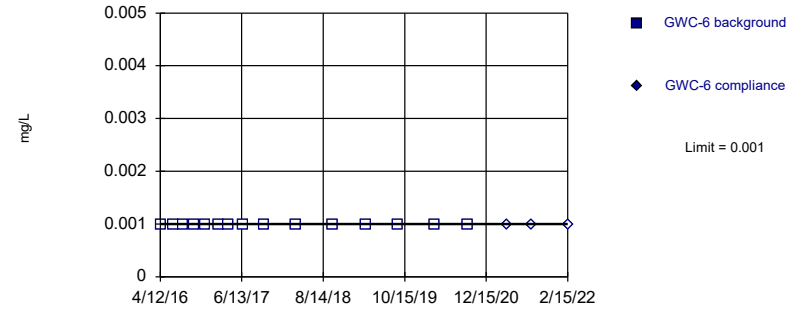


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

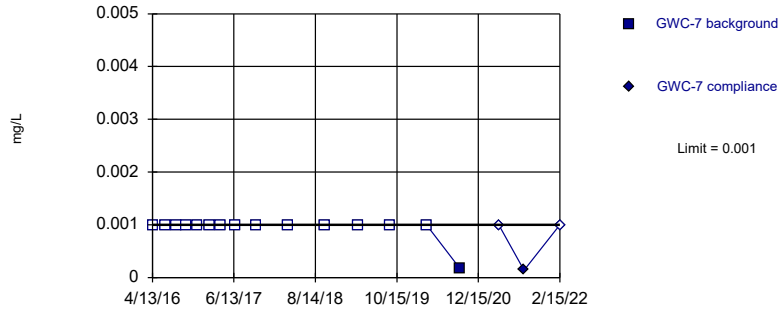


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

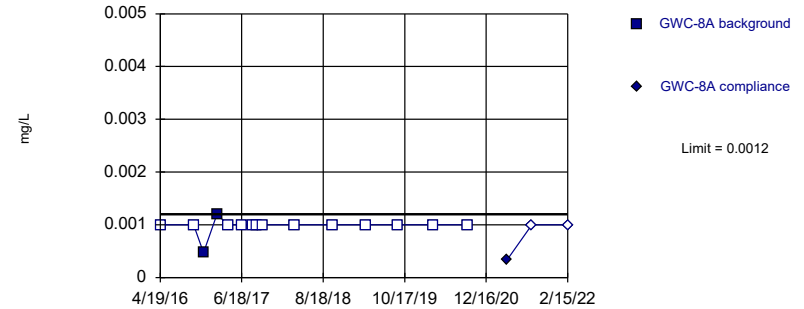


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

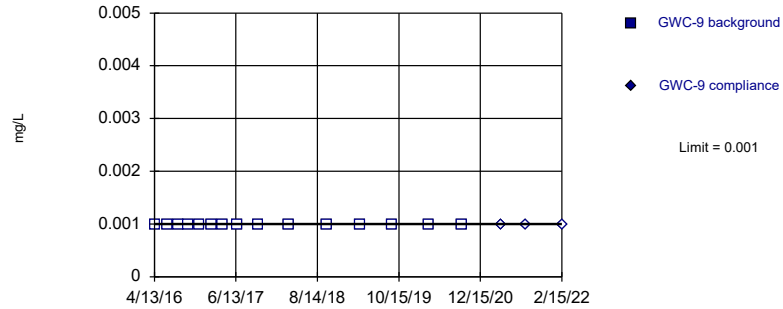


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

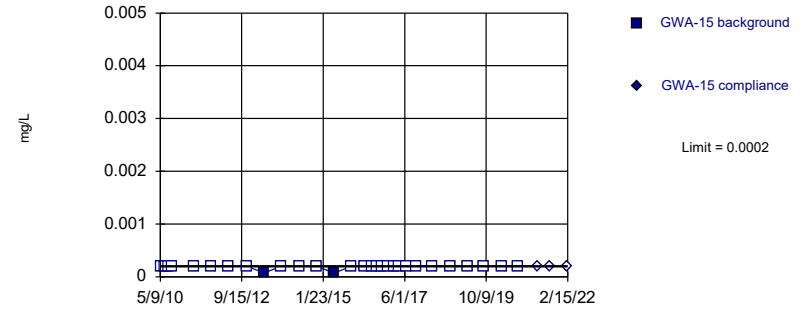


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

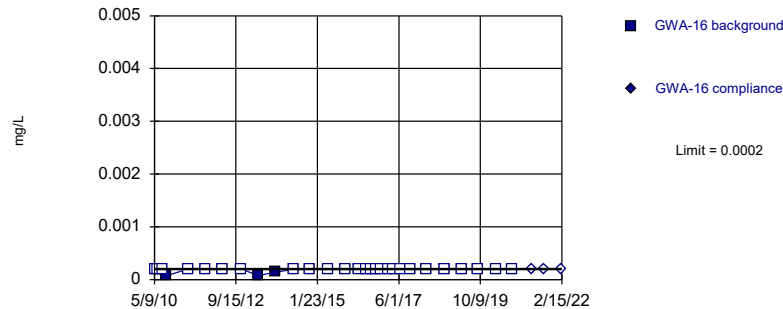


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

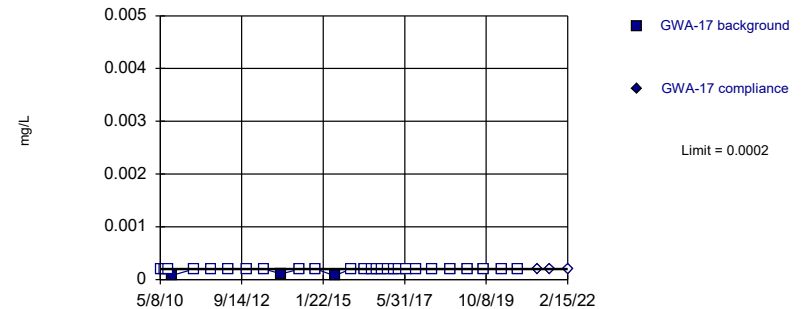


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

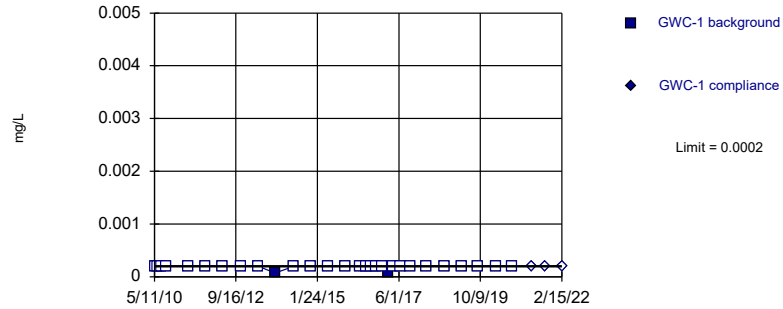


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

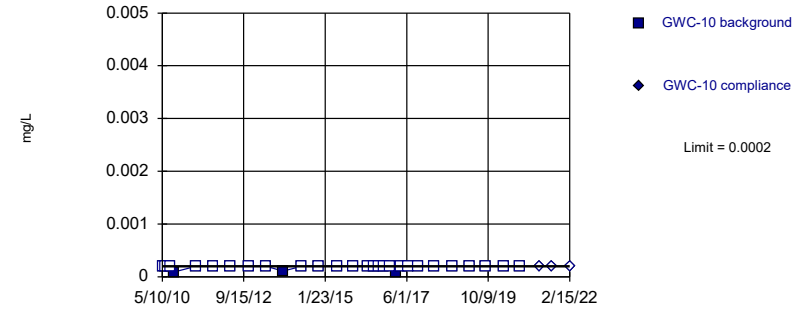


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

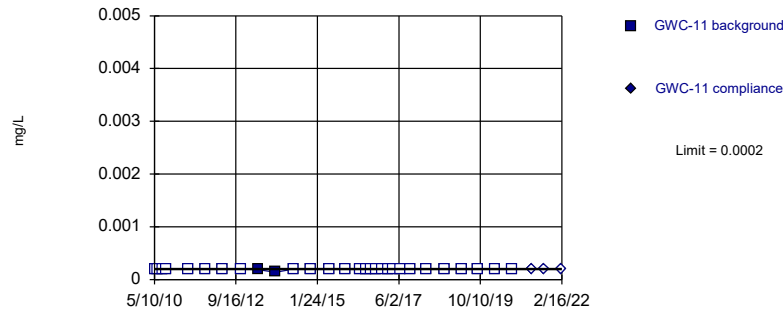


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

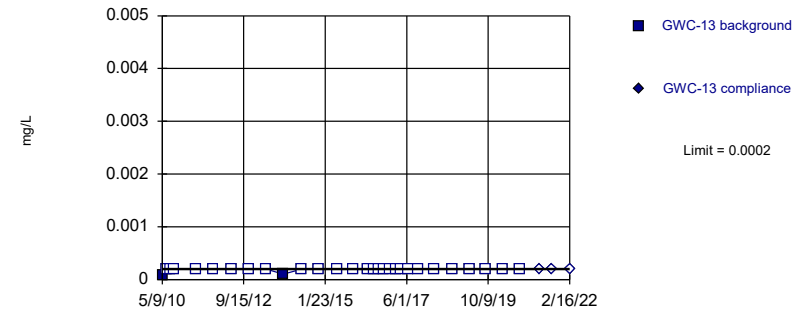


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

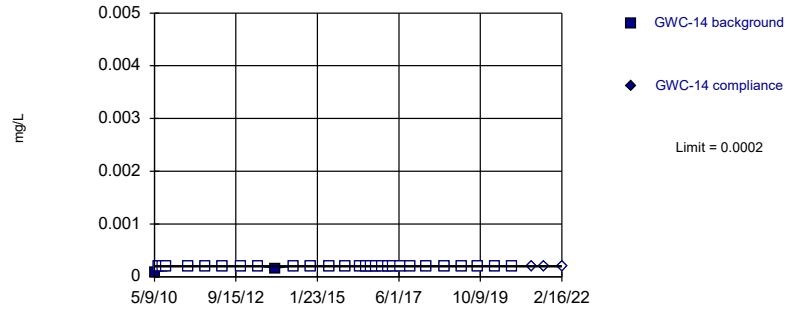


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

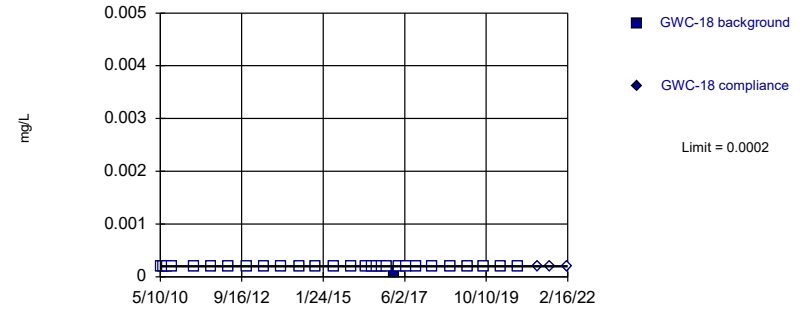


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

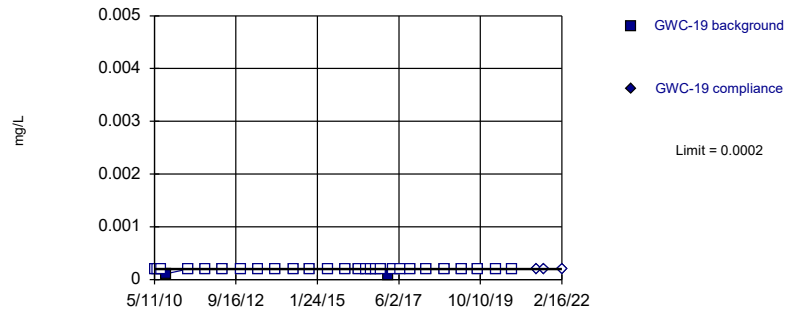


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

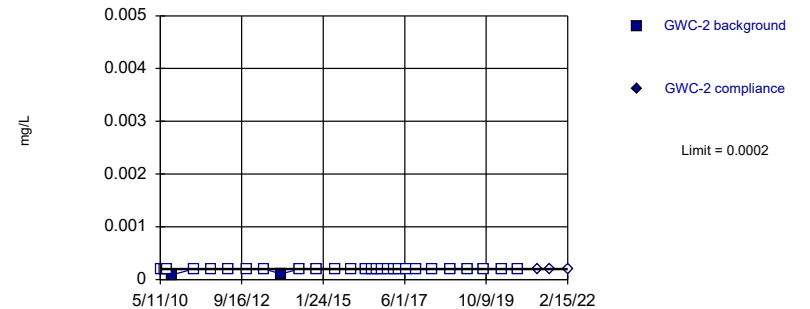


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

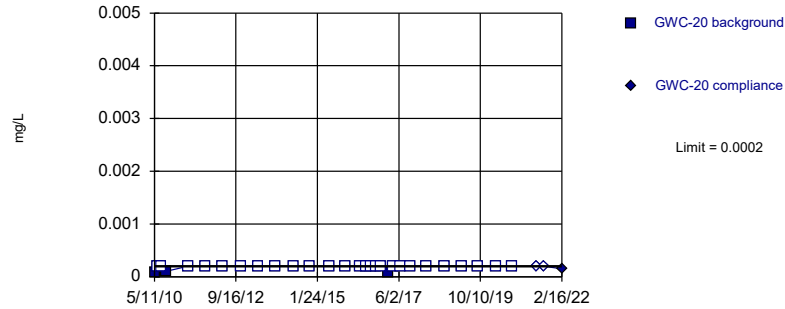


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

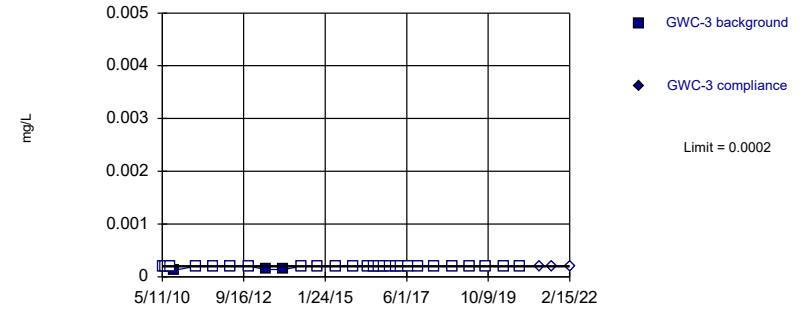


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

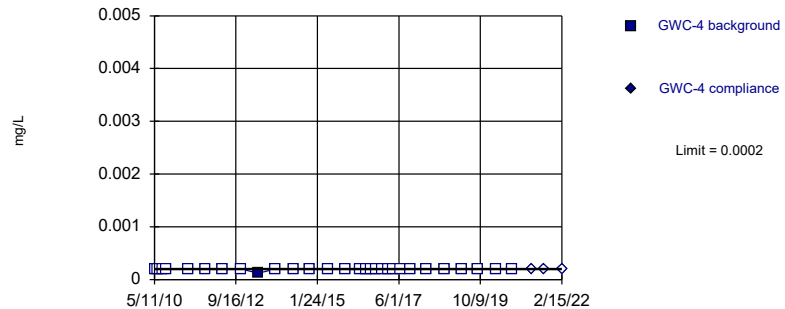


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

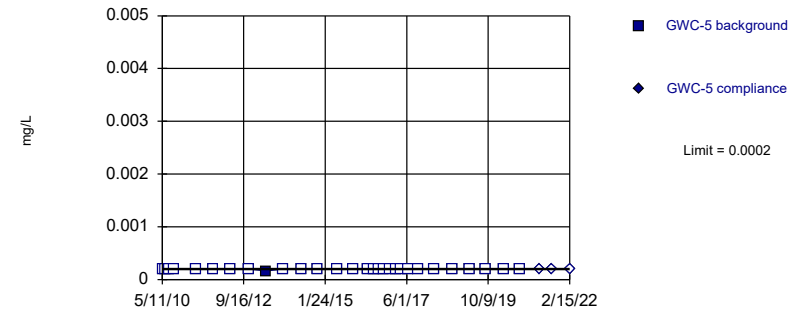


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

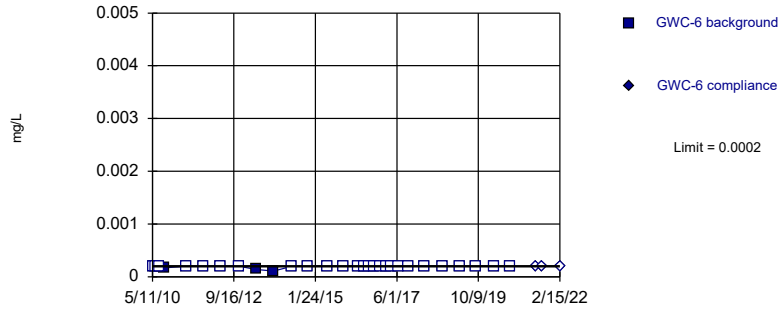


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

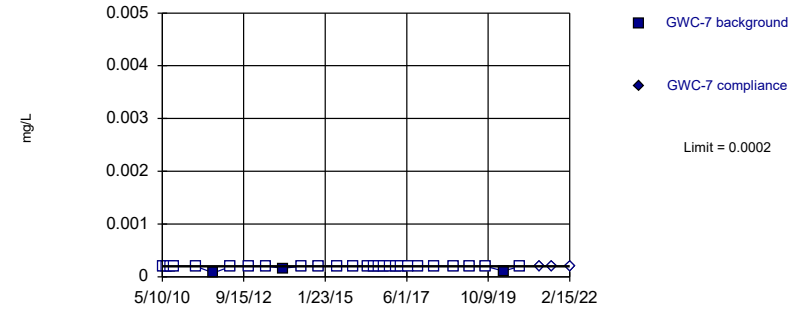


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

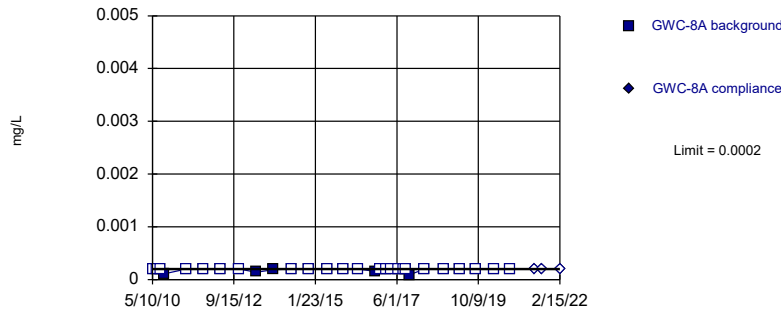


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

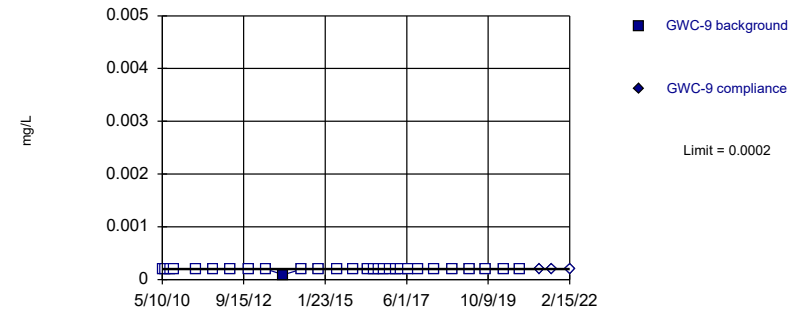


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 82.76% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

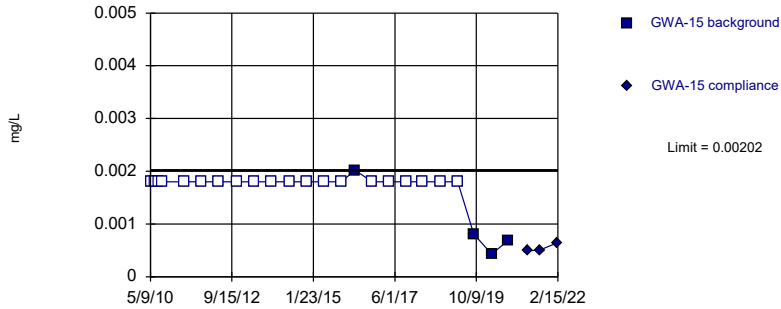


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

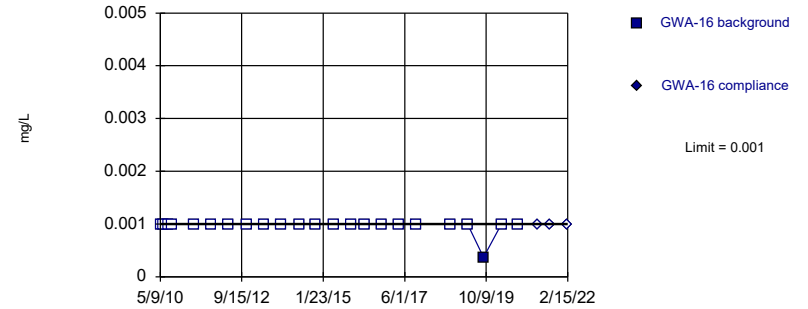


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

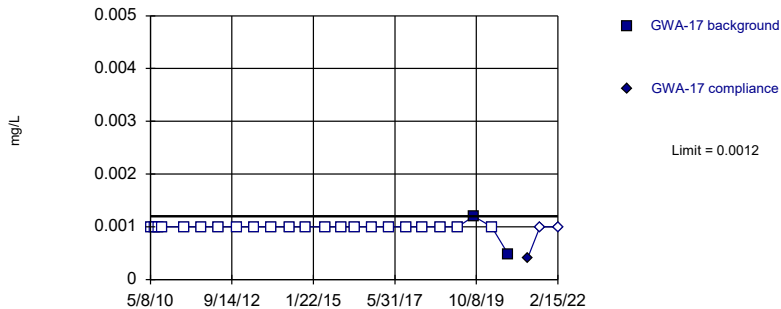


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

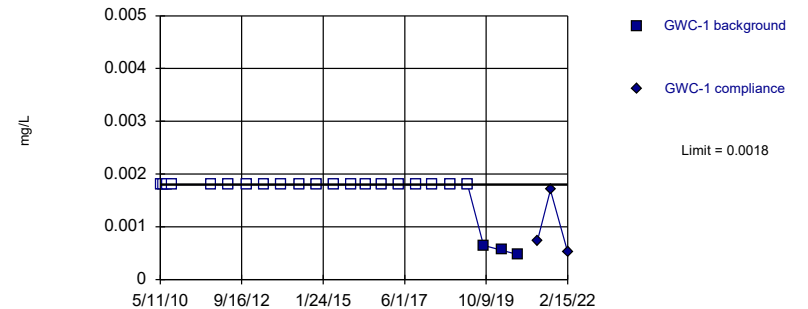


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

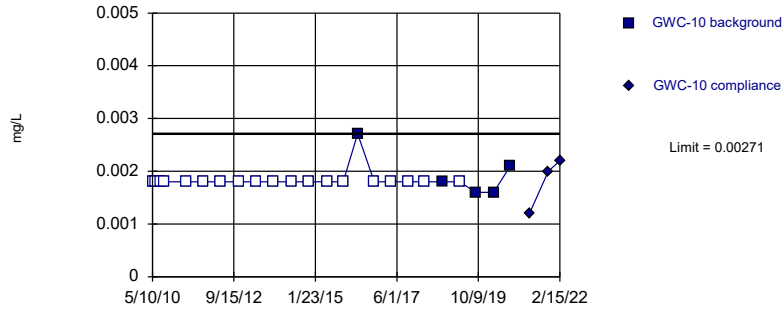


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

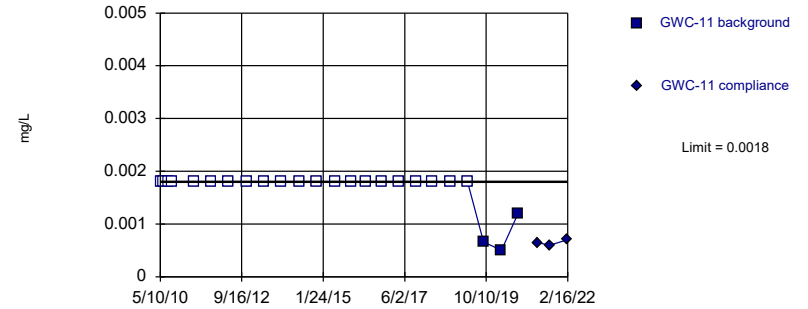


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

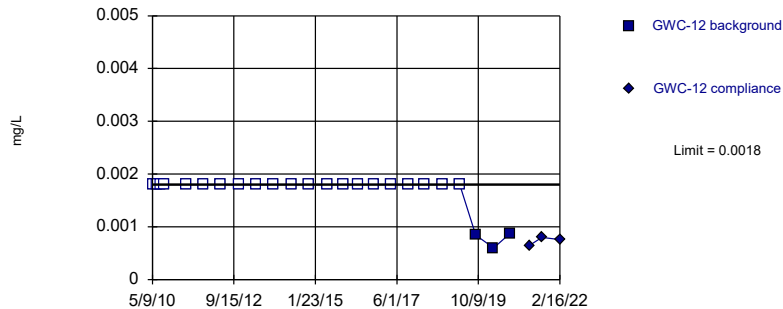


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

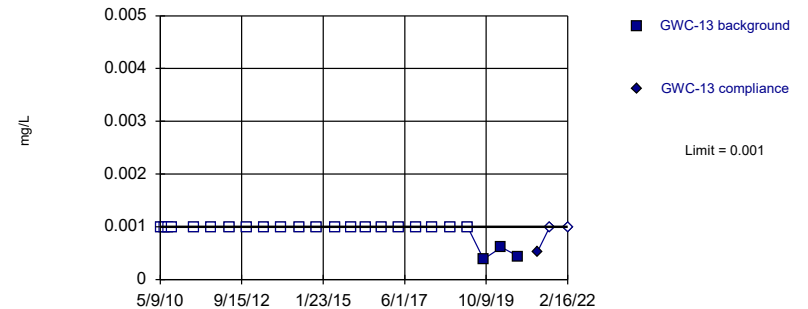


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

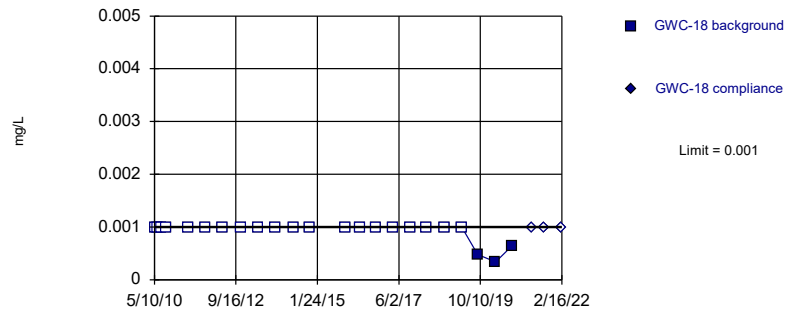


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

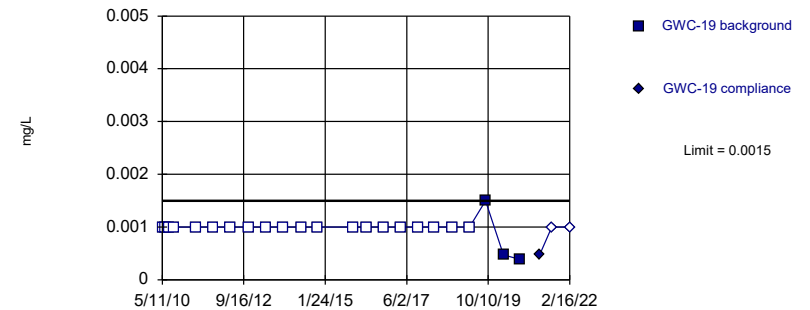


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

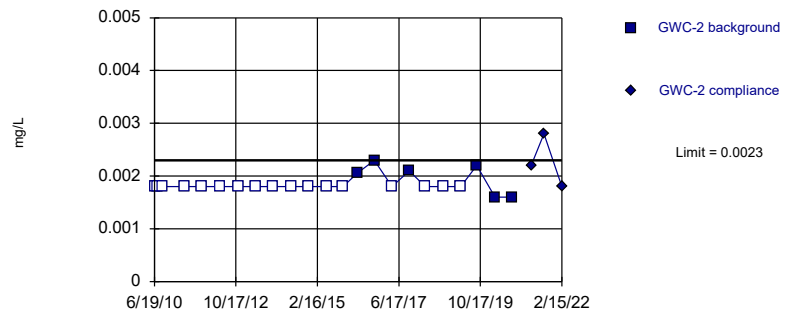


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

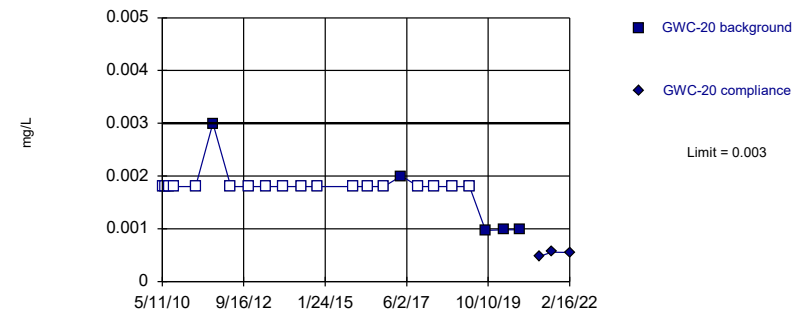


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

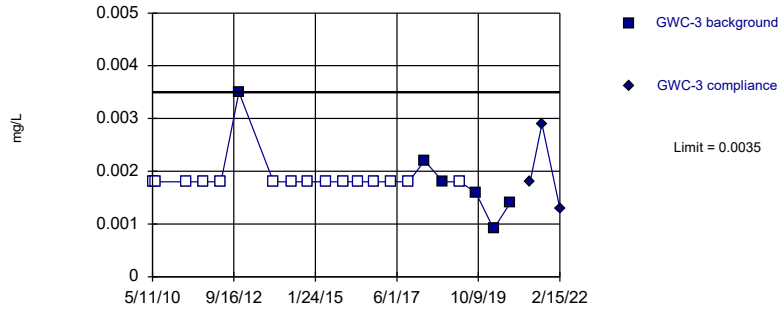


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

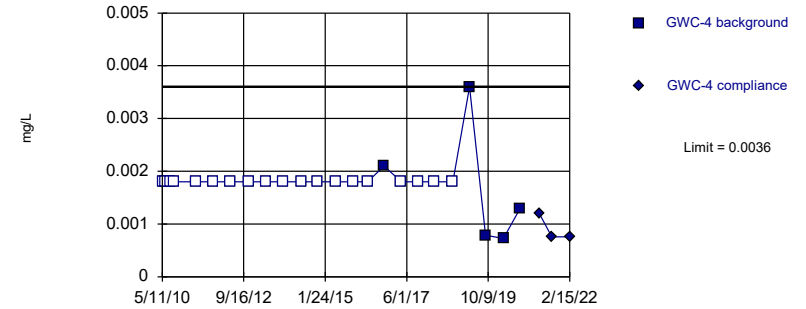


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

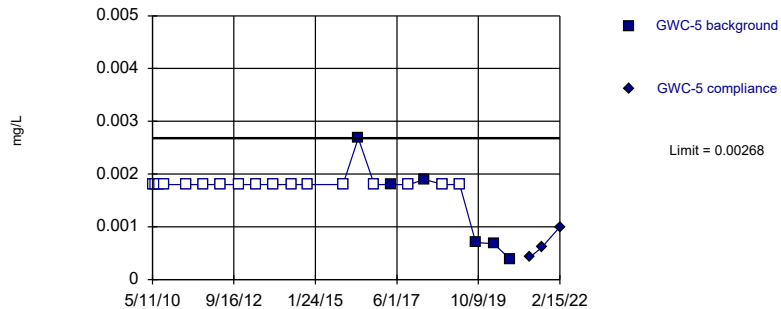


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

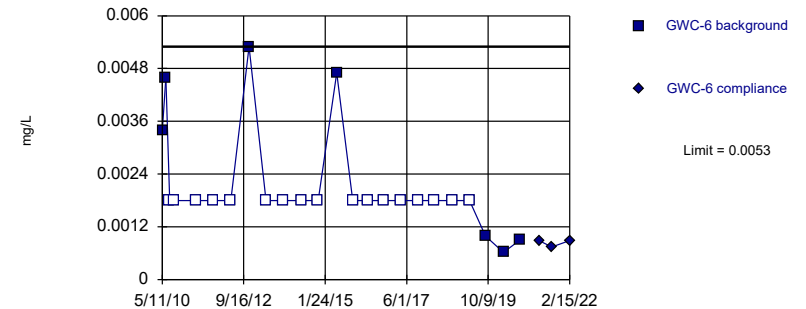


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

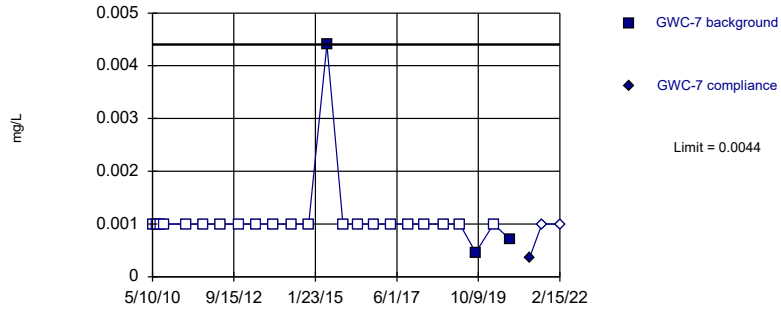


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 70.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

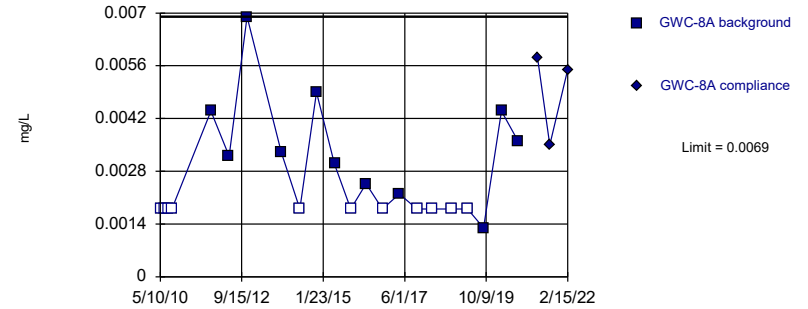


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

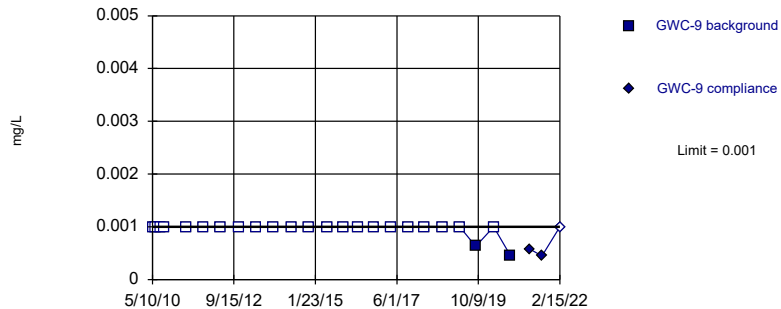


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 50% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

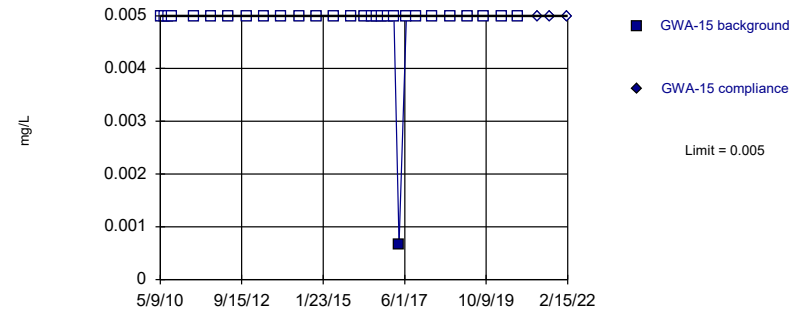


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

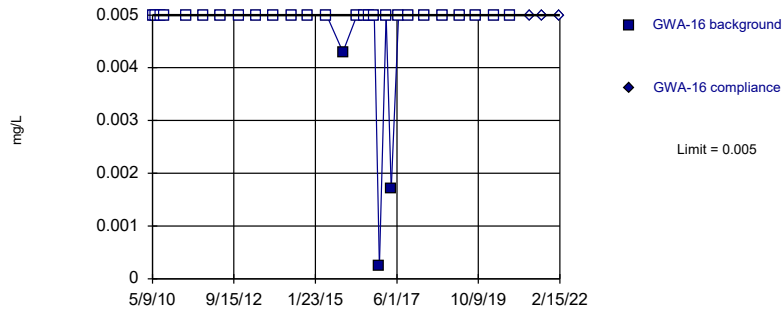


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

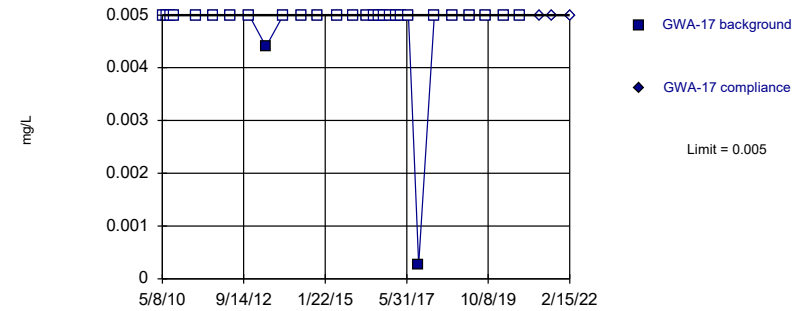


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

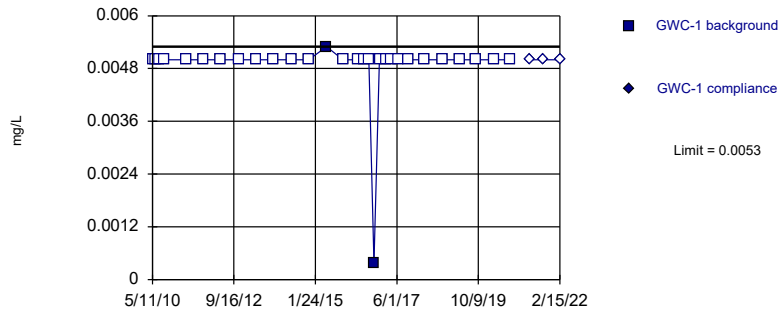


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

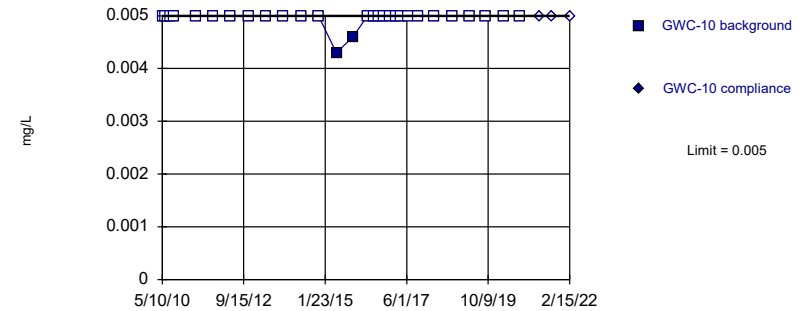


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

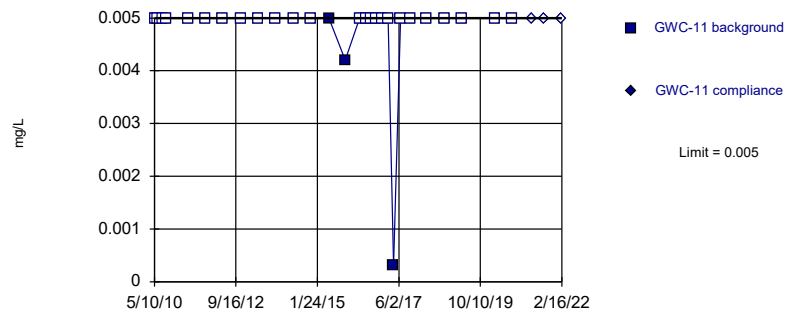


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

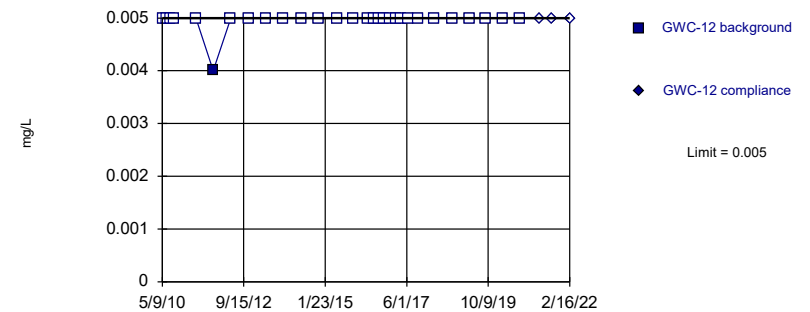


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

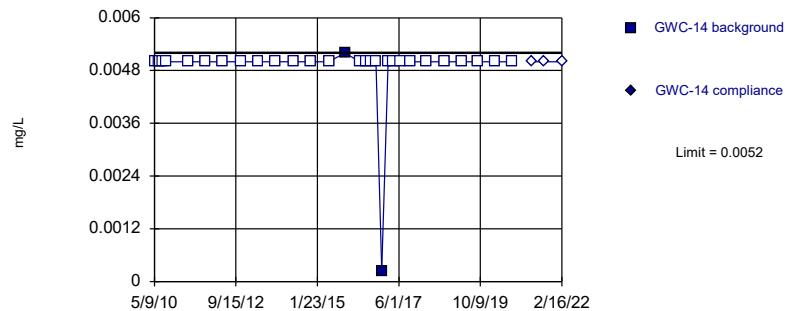


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

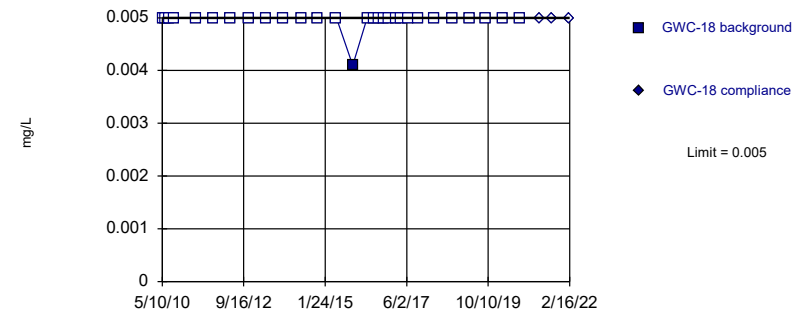


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

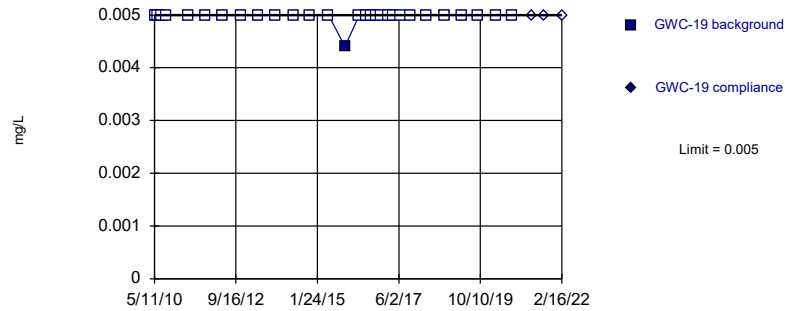


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

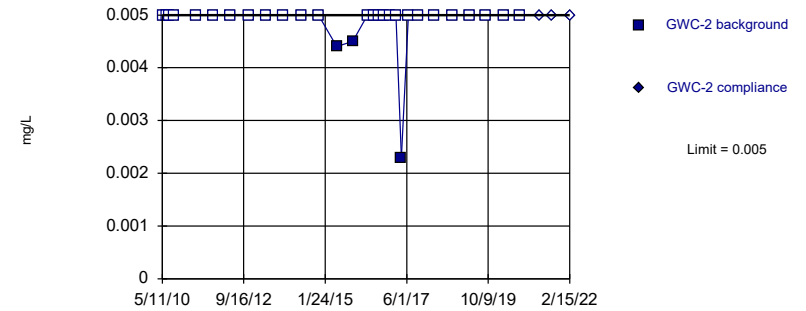


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

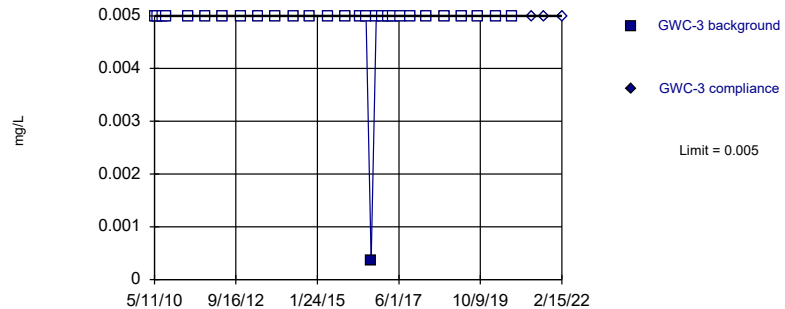


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

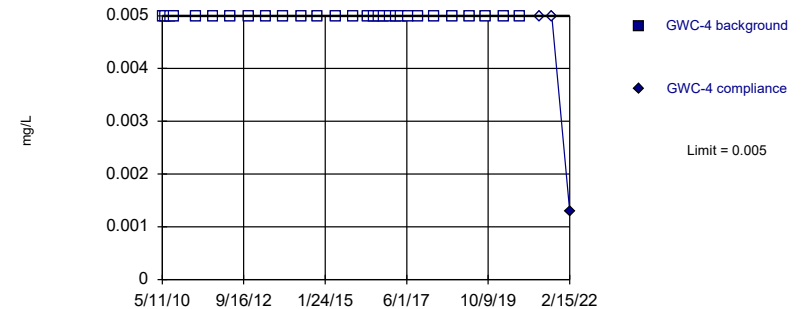


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

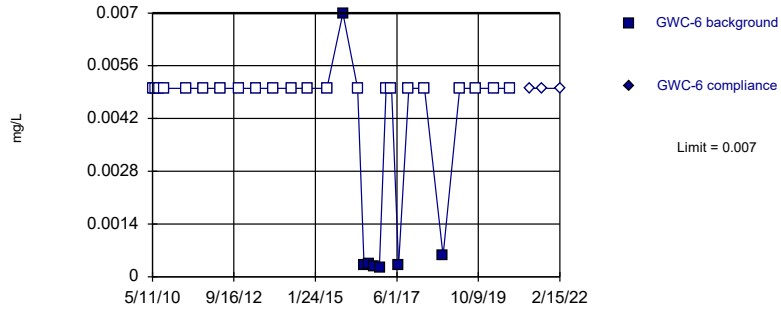


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

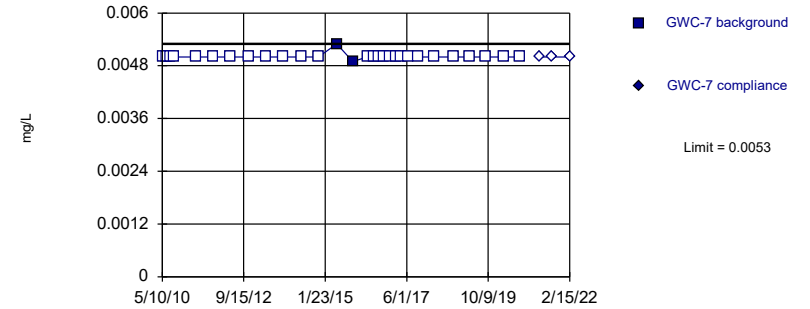


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 75.86% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

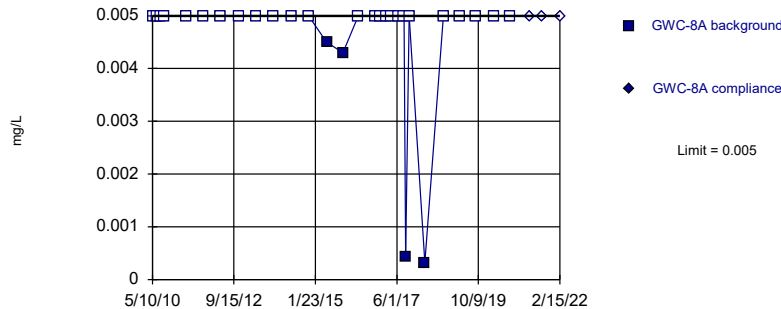


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

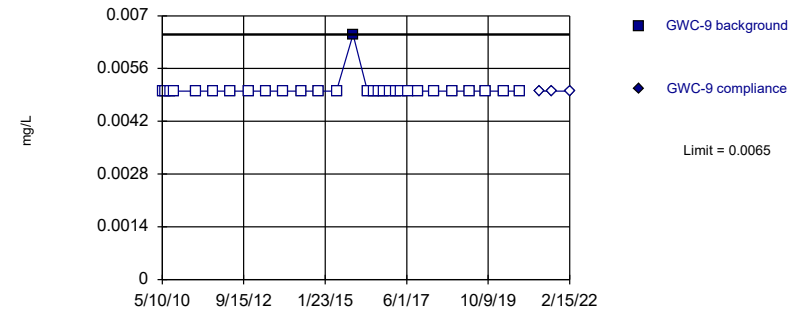


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 86.21% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

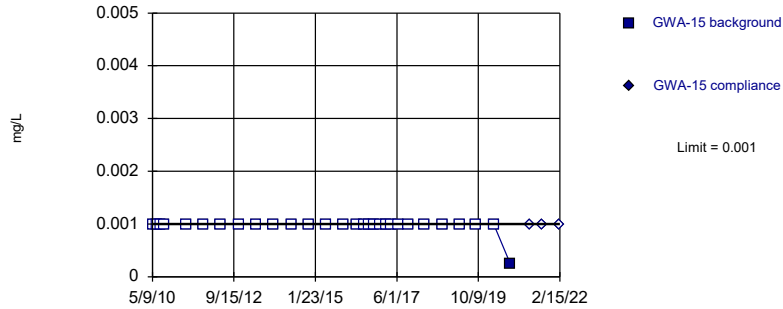


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

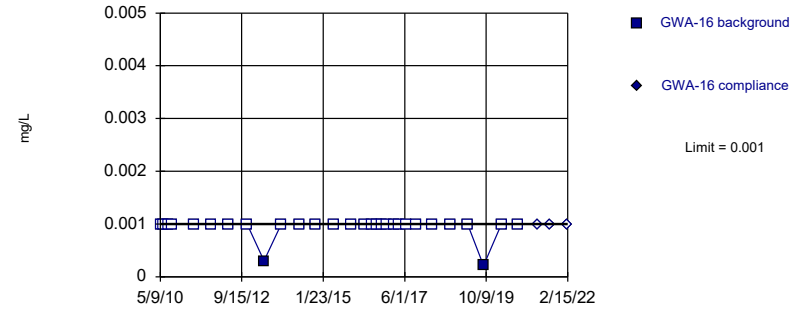


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

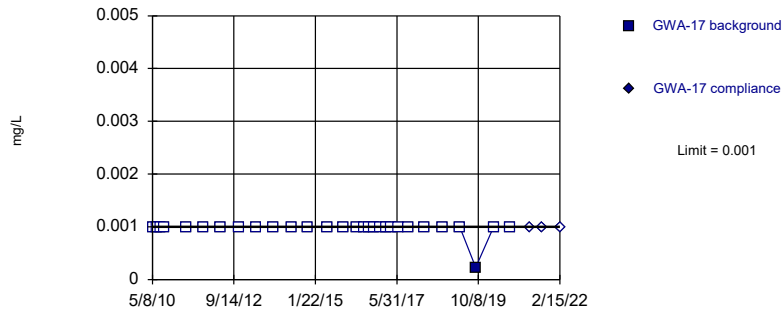


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

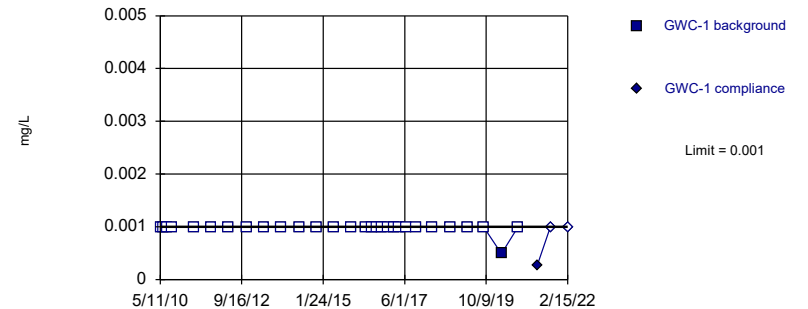


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

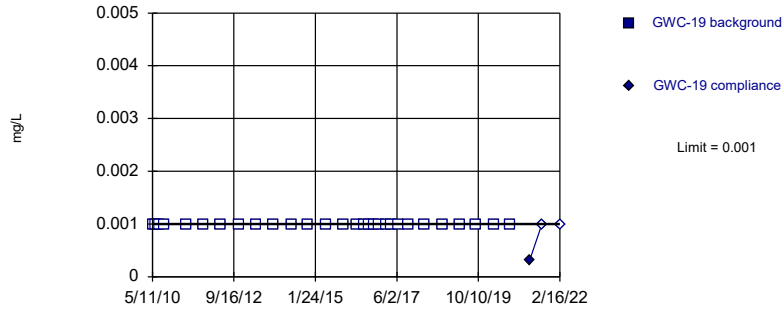


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

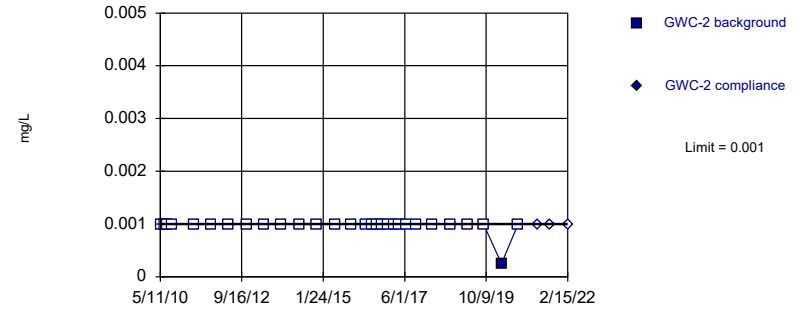


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

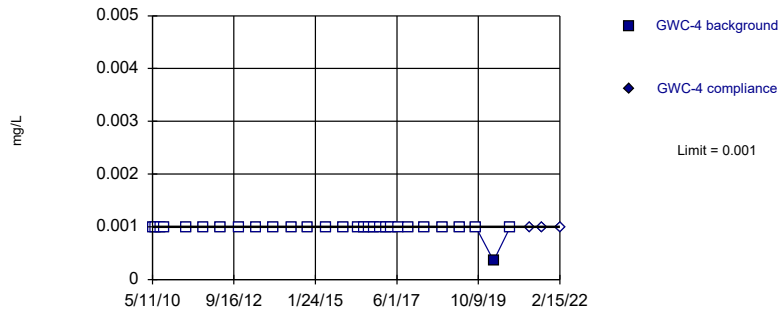


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

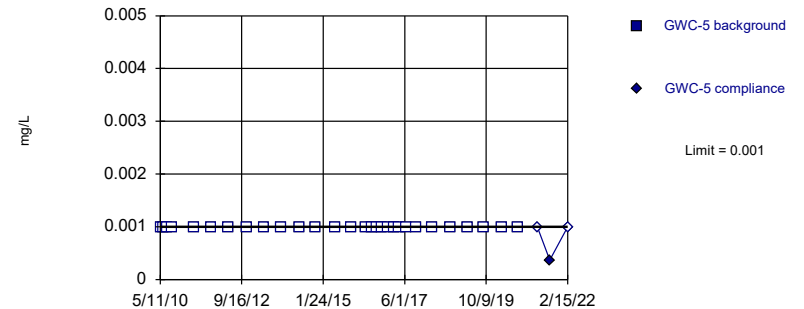


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

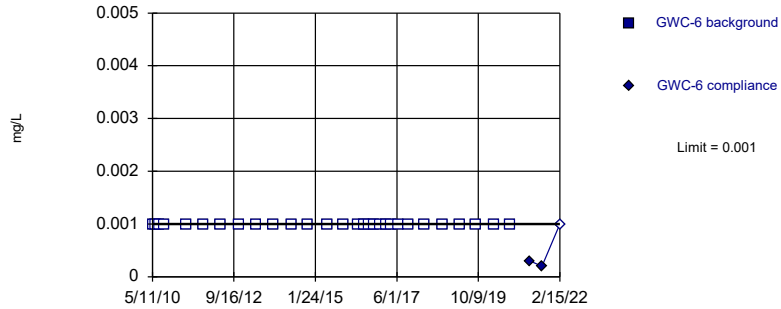


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

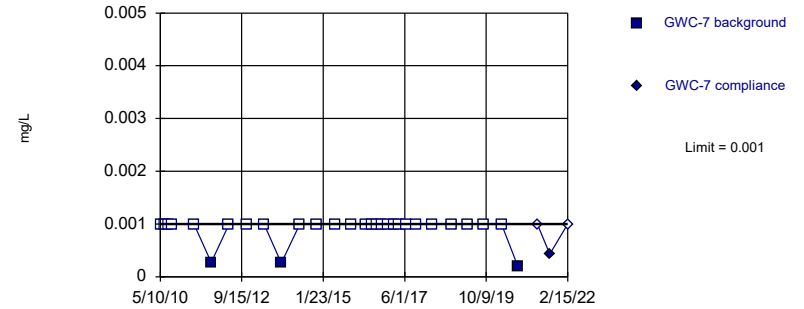


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

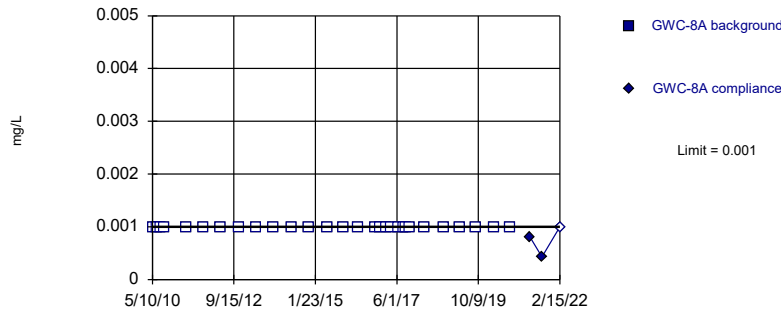


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

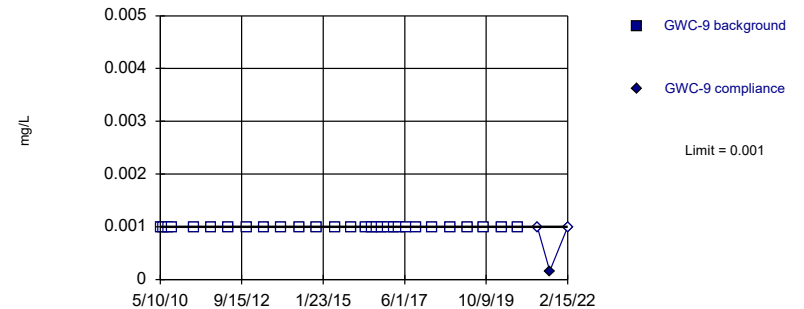


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

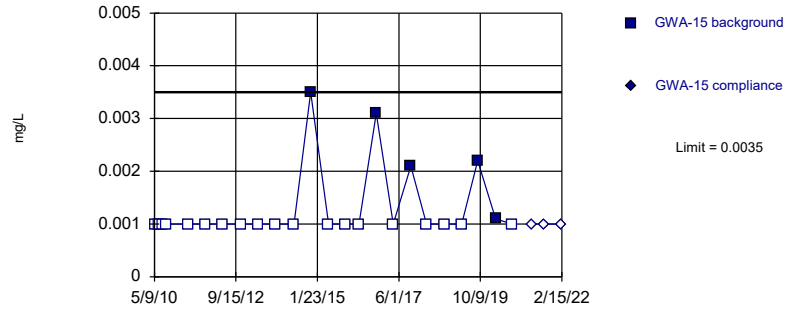


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

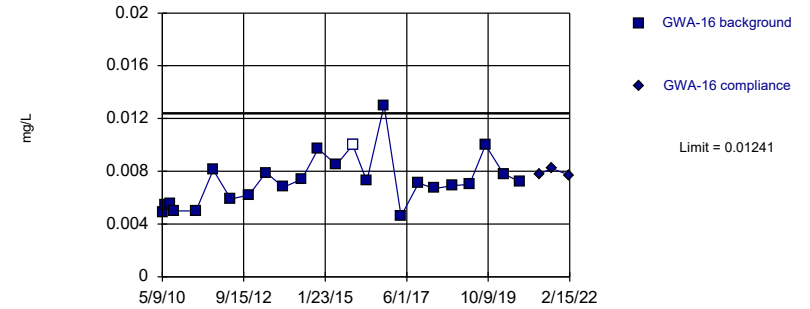


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

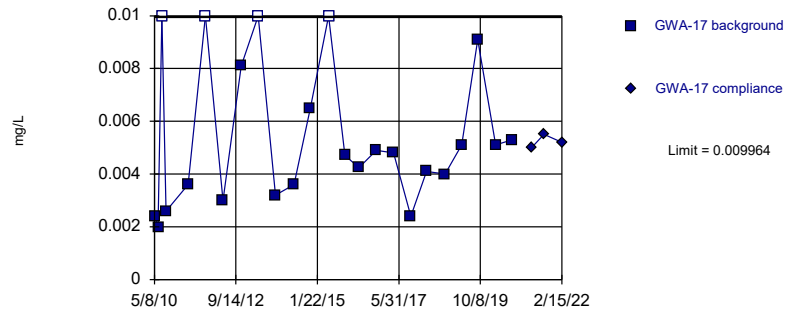


Background Data Summary: Mean=0.007244, Std. Dev.=0.001978, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9179, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

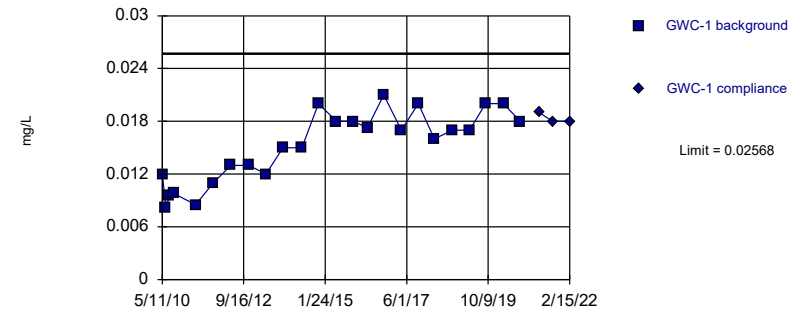


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06396, Std. Dev.=0.01374, n=24, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

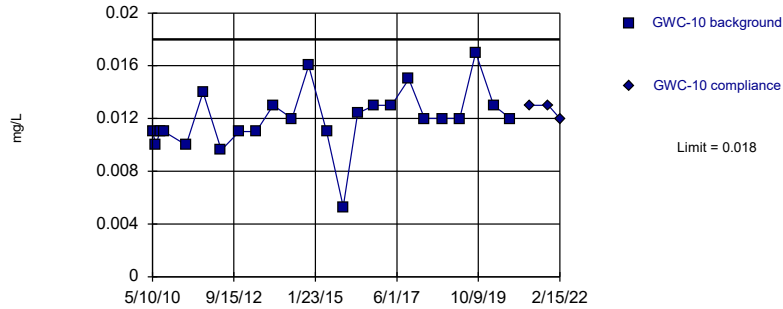


Background Data Summary: Mean=0.01527, Std. Dev.=0.003991, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9292, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

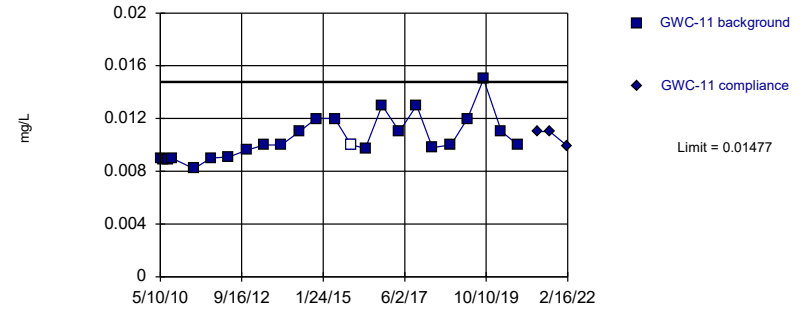


Background Data Summary: Mean=0.01197, Std. Dev.=0.002311, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9233, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric



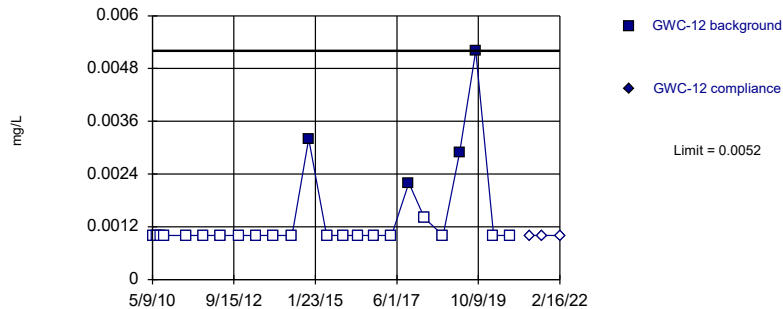
Background Data Summary: Mean=0.01047, Std. Dev.=0.001648, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8992, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



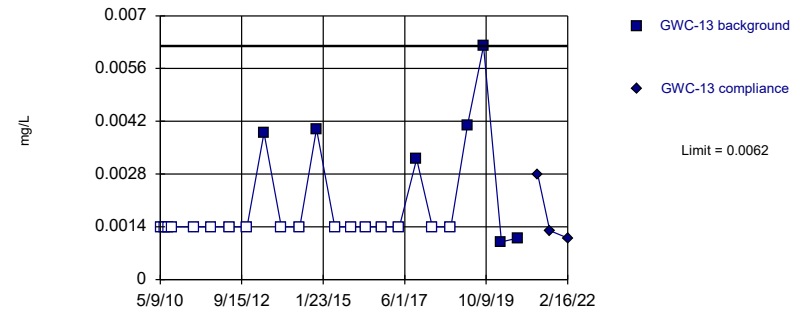
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

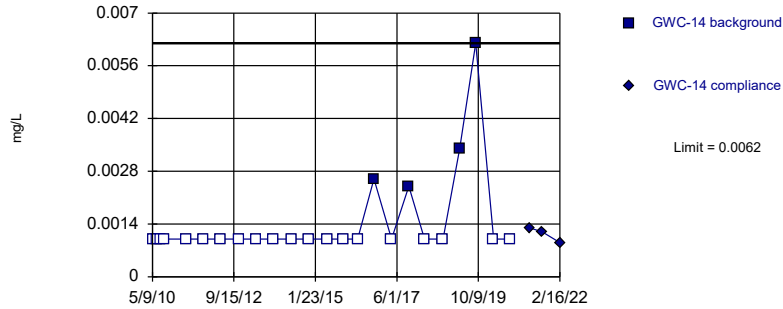


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 70.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

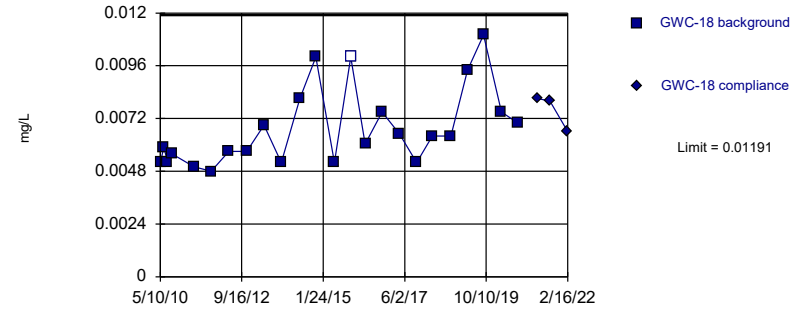


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

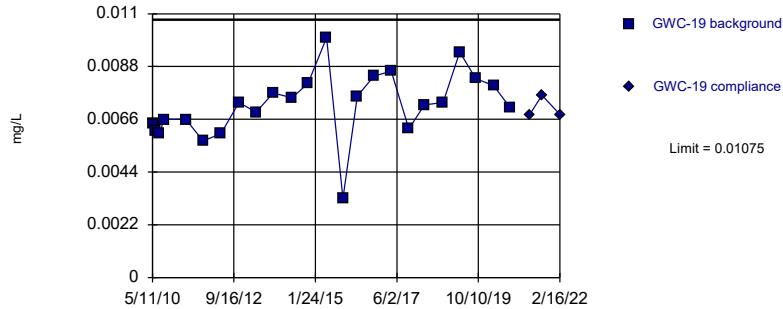


Background Data Summary (based on cube root transformation): Mean=0.1875, Std. Dev.=0.01567, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8887, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

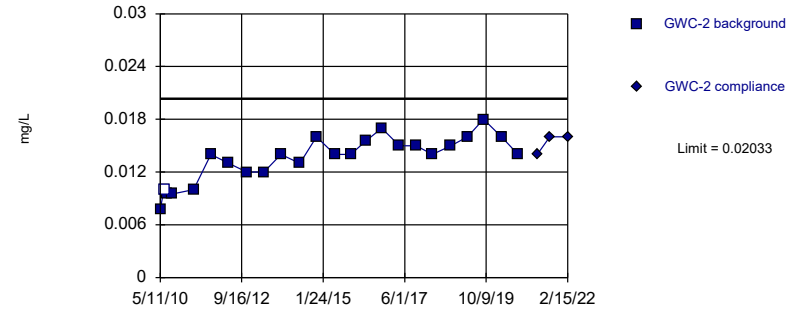


Background Data Summary: Mean=0.007178, Std. Dev.=0.001371, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9601, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

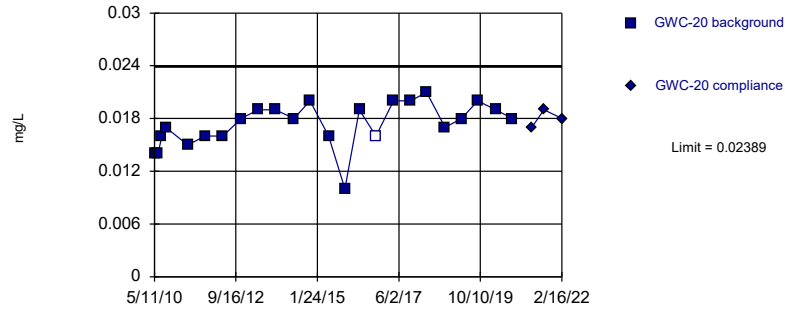


Background Data Summary: Mean=0.01352, Std. Dev.=0.00261, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9448, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

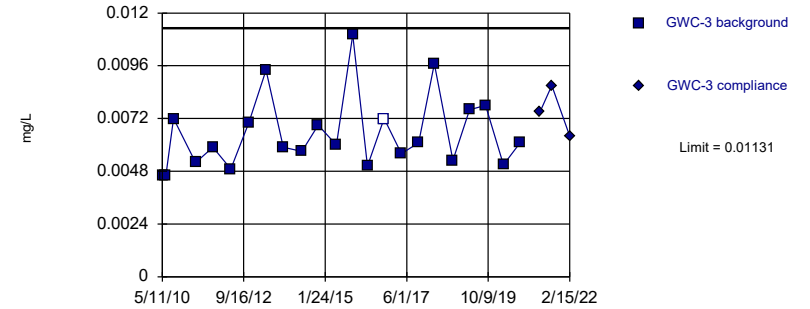


Background Data Summary: Mean=0.01733, Std. Dev.=0.002514, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9211, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

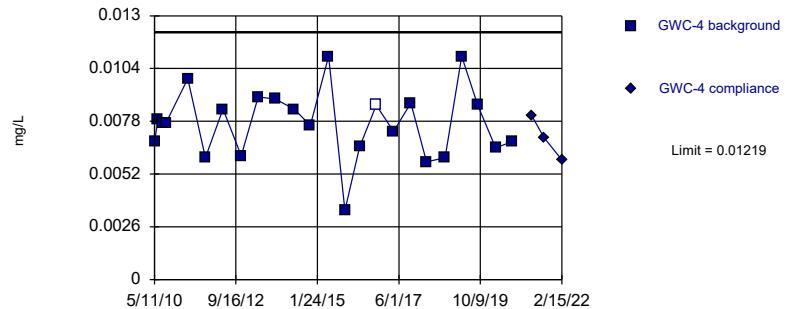


Background Data Summary (based on square root transformation): Mean=0.08012, Std. Dev.=0.009969, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9116, critical = 0.881. Kappa = 2.632 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

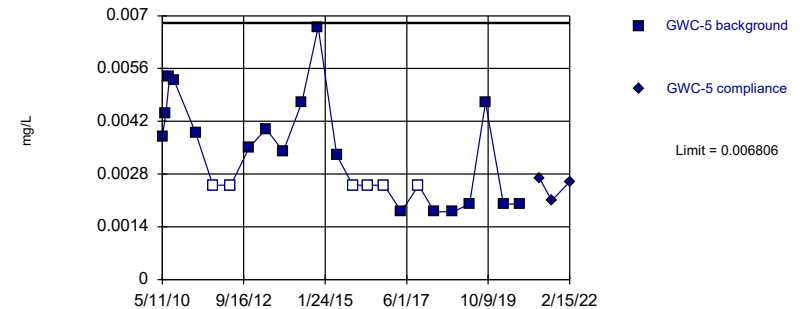


Background Data Summary: Mean=0.007693, Std. Dev.=0.001725, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9665, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

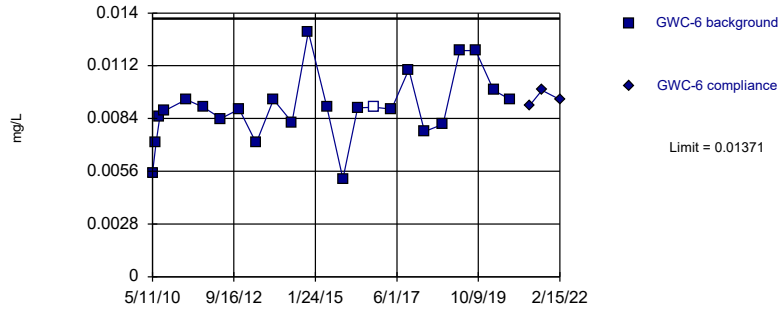


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003039, Std. Dev.=0.001444, n=24, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9048, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

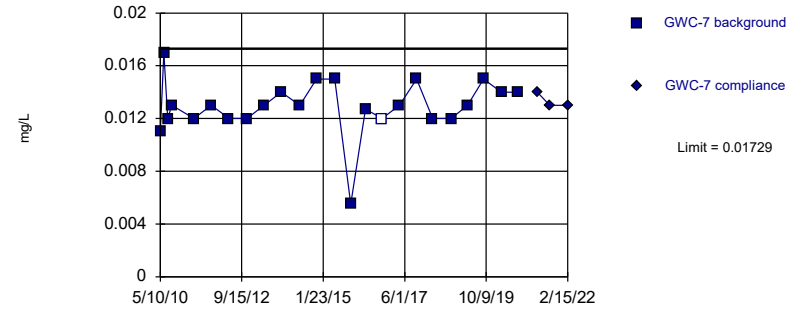


Background Data Summary: Mean=0.008936, Std. Dev.=0.001829, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9399, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

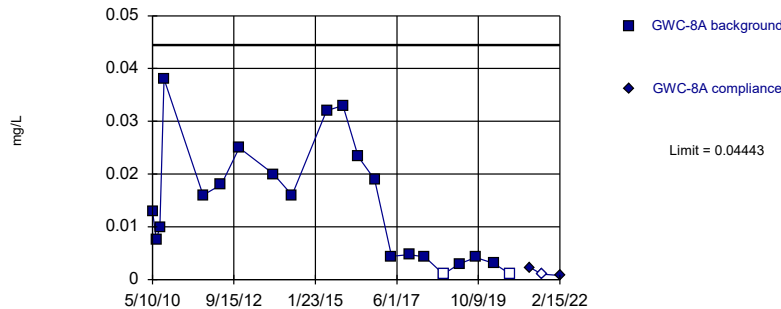


Background Data Summary (based on square transformation): Mean=0.0001713, Std. Dev.=0.0000489, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9045, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

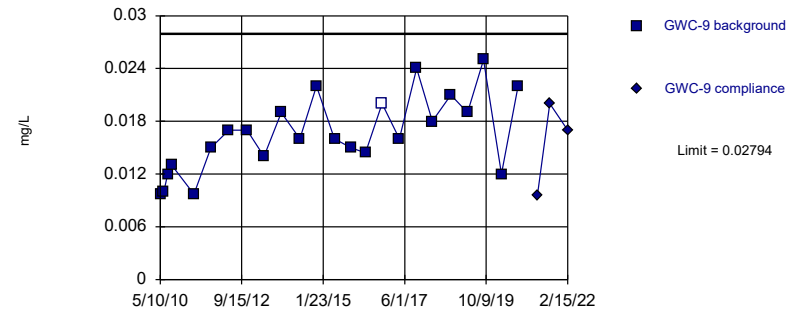


Background Data Summary: Mean=0.01412, Std. Dev.=0.01131, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9106, critical = 0.873. Kappa = 2.68 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

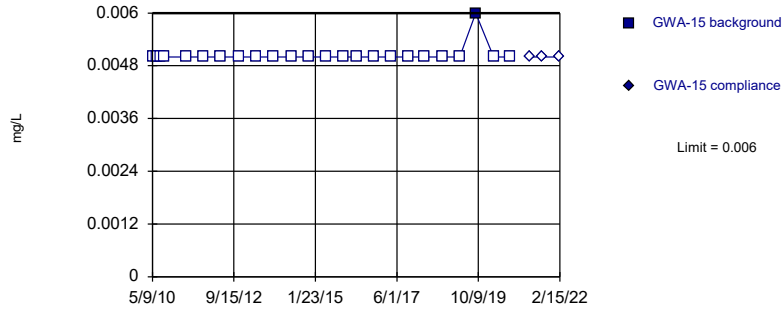


Background Data Summary: Mean=0.01653, Std. Dev.=0.004374, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9688, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

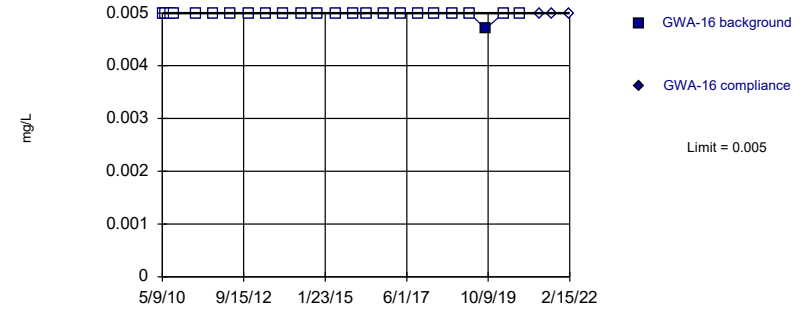


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

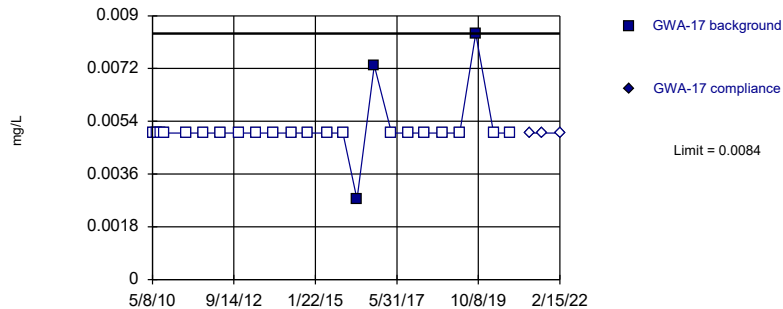


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

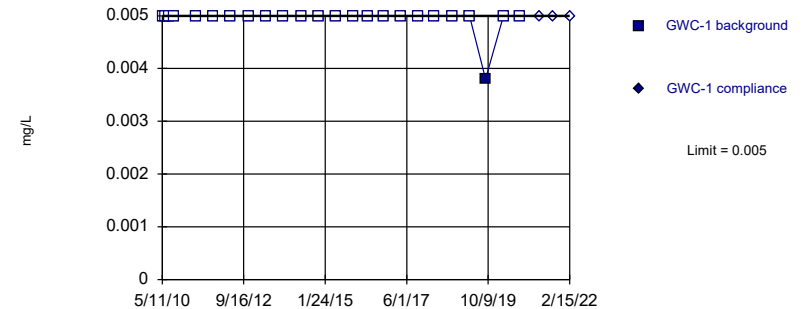


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

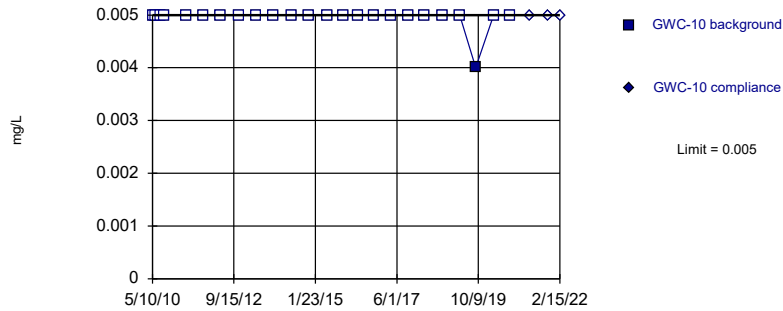


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

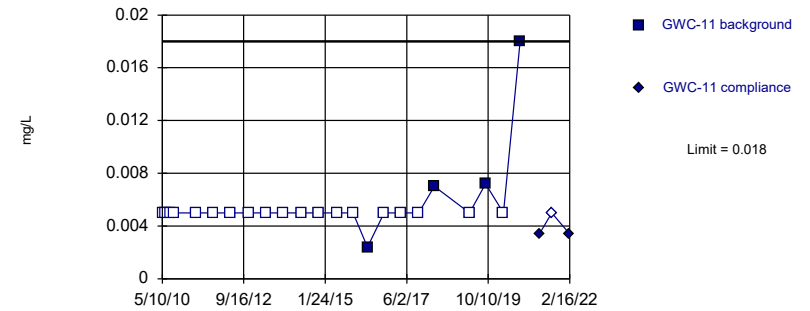


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

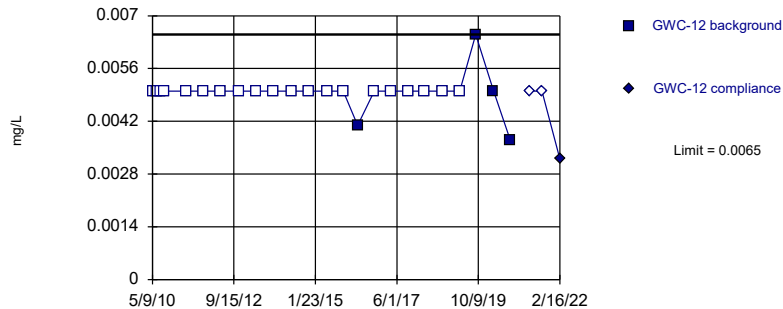


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

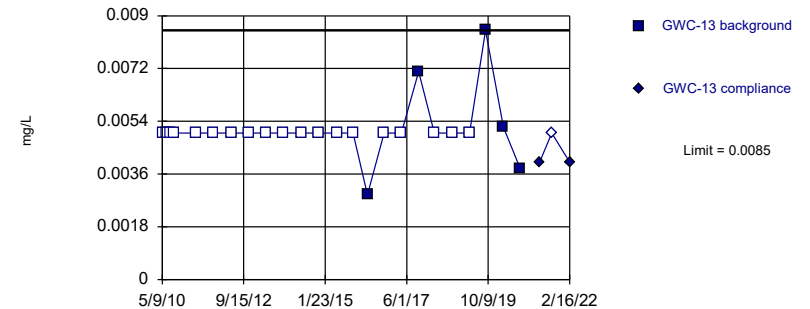


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

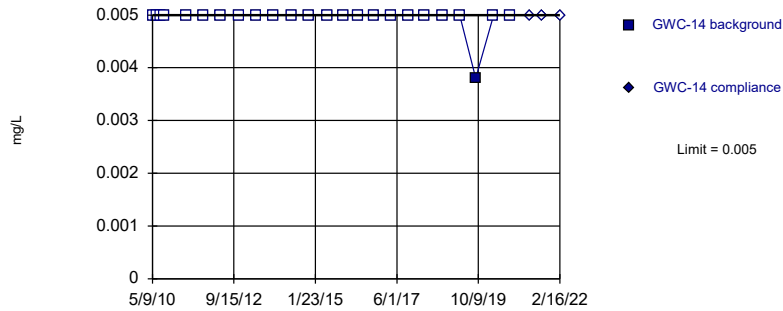


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

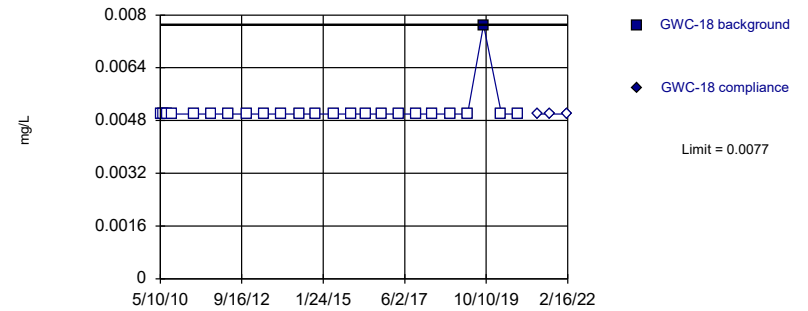


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

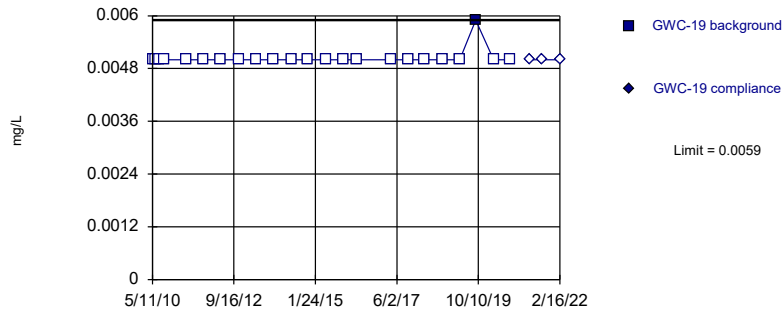


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

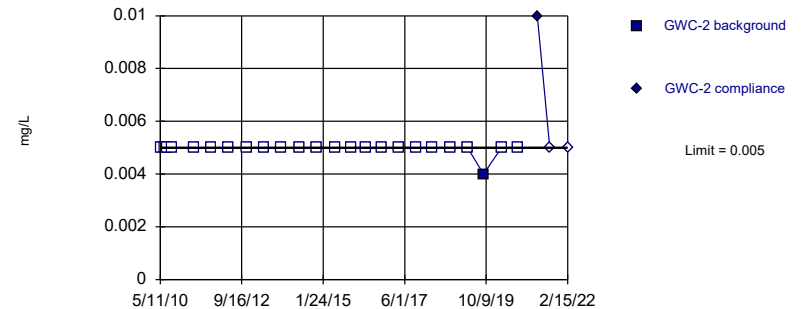


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

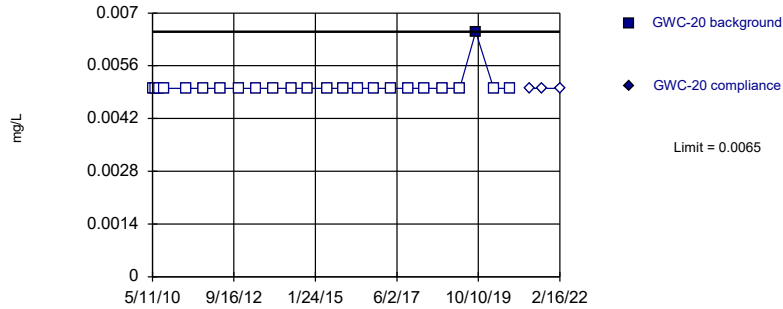


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

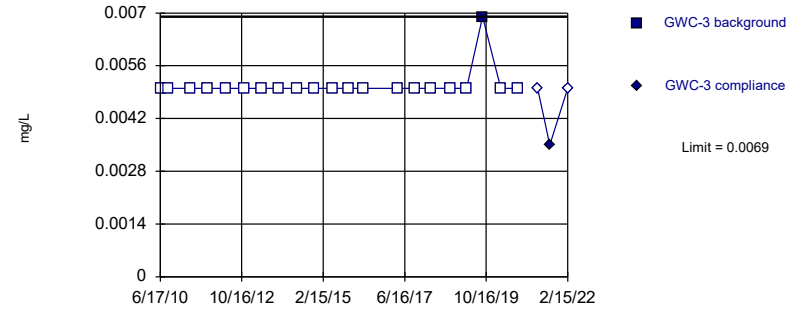


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

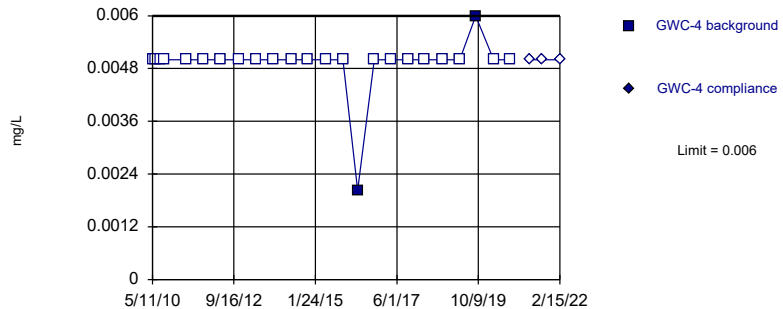


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

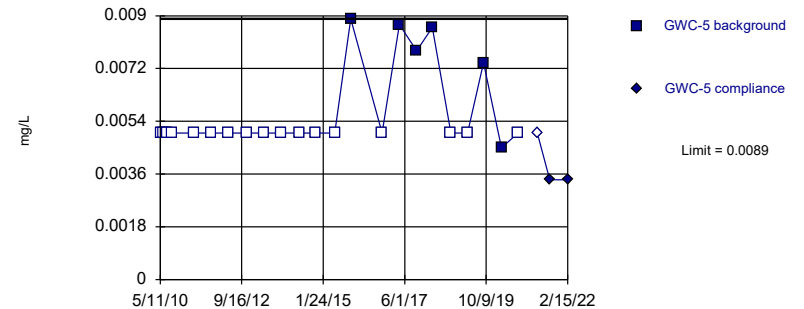


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

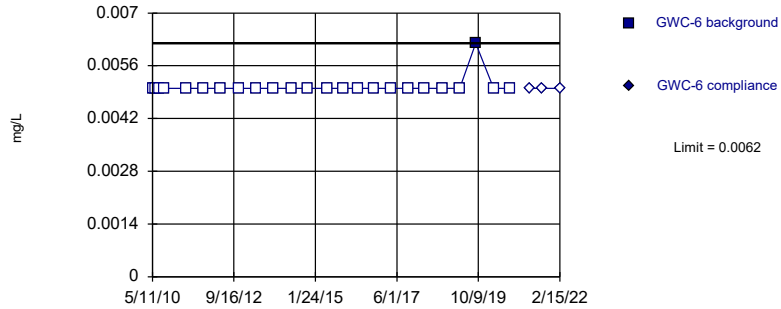


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

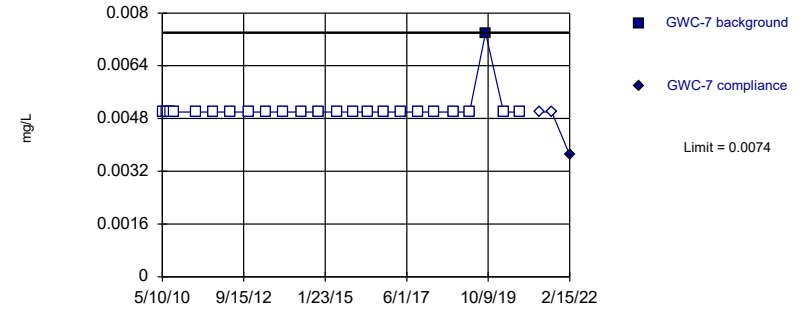


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

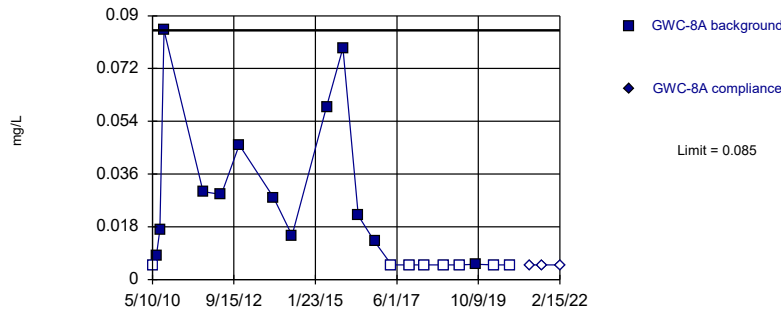


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

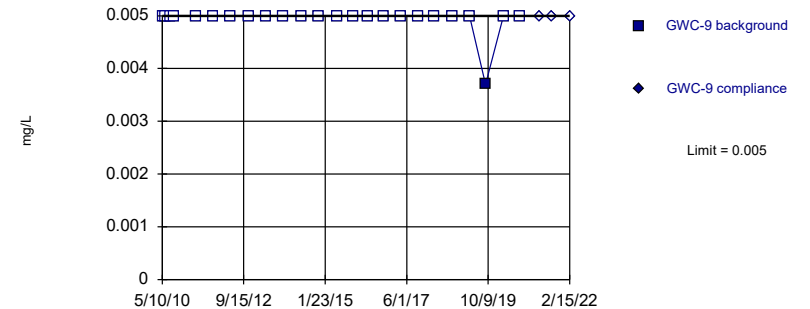


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 38.1% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/29/2016	<0.002	
2/7/2017	0.001 (J)	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/15/2022		<0.002

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	0.000646 (JD)	
6/21/2016	<0.002	
8/15/2016	<0.002	
10/5/2016	<0.002	
12/1/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002 (D)	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00018 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00039 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/8/2014	<0.002	
5/23/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00014 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/9/2020	<0.002	
4/5/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/16/2016	<0.002	
8/11/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00042 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		0.0013 (J)
8/12/2021		<0.002
2/15/2022		<0.002

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002 (D)	
6/20/2016	0.0002 (J)	
8/12/2016	<0.002	
10/5/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021		<0.002
8/12/2021		<0.002
2/15/2022		<0.002

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
6/20/2016	0.0002 (J)	
8/15/2016	<0.002	
10/6/2016	<0.002	
12/1/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/15/2022		<0.002

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	0.01 (J)	
6/18/2010	0.01 (J)	
7/28/2010	0.011 (J)	
9/9/2010	0.011 (J)	
4/30/2011	0.0091 (J)	
10/28/2011	0.0096 (J)	
5/2/2012	0.012	
11/9/2012	0.012 (V)	
5/8/2013	0.01	
11/5/2013	0.0098 (J)	
5/20/2014	0.0081 (J)	
11/12/2014	0.0098 (J)	
5/22/2015	0.0088 (J)	
11/11/2015	0.011	
4/6/2016	0.00959 (J)	
6/15/2016	0.0091 (J)	
8/10/2016	0.009	
10/4/2016	<0.0092	
11/30/2016	0.011	
2/7/2017	0.0099	
4/4/2017	0.0092	
6/20/2017	0.0099	
10/4/2017	0.0098	
3/20/2018	0.01	
10/2/2018	0.0099	
3/26/2019	0.0099	
9/10/2019	0.011	
3/18/2020	0.01	
9/9/2020	0.01	
4/1/2021		0.0092 (J)
8/11/2021		0.01
2/15/2022		0.012

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.031 (J)	
6/16/2010	0.029 (J)	
7/27/2010	0.029 (J)	
9/7/2010	0.028 (J)	
4/29/2011	0.026 (J)	
10/28/2011	0.025	
5/2/2012	0.025	
11/9/2012	0.028 (V)	
5/8/2013	0.029	
11/6/2013	0.026	
5/20/2014	0.025	
11/8/2014	0.026	
5/22/2015	0.026	
11/9/2015	0.024	
4/6/2016	0.026	
6/15/2016	0.023	
8/10/2016	0.022	
10/4/2016	0.024	
11/29/2016	0.023	
2/7/2017	0.024	
4/4/2017	0.022	
6/20/2017	0.025	
10/5/2017	0.023	
3/20/2018	0.023	
10/2/2018	0.023	
3/26/2019	0.024	
9/10/2019	0.039	
3/18/2020	0.027	
9/9/2020	0.024	
4/1/2021		0.024
8/11/2021		0.023
2/15/2022		0.024

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	0.048 (J)	
6/16/2010	0.044 (J)	
7/26/2010	0.042 (J)	
9/7/2010	0.04 (J)	
4/29/2011	0.038 (J)	
10/28/2011	0.034	
5/2/2012	0.03	
11/9/2012	0.039 (V)	
5/8/2013	0.034	
11/6/2013	0.032	
5/20/2014	0.03	
11/8/2014	0.031	
5/22/2015	0.033	
11/9/2015	0.034	
4/6/2016	0.0347	
6/15/2016	0.029	
8/10/2016	0.027	
10/5/2016	<0.029	
11/29/2016	0.024	
2/7/2017	0.029	
4/4/2017	0.03	
6/20/2017	0.036	
10/5/2017	0.027	
3/20/2018	0.027	
10/2/2018	0.027	
3/26/2019	0.031	
9/10/2019	0.051	
3/18/2020	0.031	
9/9/2020	0.033	
4/1/2021		0.029
8/11/2021		0.029
2/15/2022		0.031

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	0.054 (J)	
6/17/2010	0.054 (J)	
7/27/2010	0.054 (J)	
9/9/2010	0.046 (J)	
4/28/2011	0.057 (J)	
10/29/2011	0.046	
5/3/2012	0.049	
11/9/2012	0.045 (V)	
5/9/2013	0.053	
11/5/2013	0.045	
5/23/2014	0.043	
11/13/2014	0.046	
5/23/2015	0.046	
11/11/2015	0.047	
4/12/2016	0.0474	
6/16/2016	0.044	
8/11/2016	0.04	
10/4/2016	0.048	
11/30/2016	0.043	
2/7/2017	0.042	
4/5/2017	0.041	
6/20/2017	0.046	
10/4/2017	0.044	
3/20/2018	0.042	
10/2/2018	0.043	
3/26/2019	0.044	
9/10/2019	0.046	
3/18/2020	0.049	
9/9/2020	0.046	
4/1/2021		0.047
8/18/2021		0.049
2/15/2022		0.052

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	0.024 (J)	
6/16/2010	0.022 (J)	
7/28/2010	0.023 (J)	
9/8/2010	0.023 (J)	
4/29/2011	0.022 (J)	
10/27/2011	0.022	
5/4/2012	0.019	
11/11/2012	0.025 (V)	
5/9/2013	0.024	
11/5/2013	0.025	
5/21/2014	0.024	
11/12/2014	0.026	
5/23/2015	0.026	
11/12/2015	0.026	
4/13/2016	0.0258 (D)	
6/21/2016	0.0286	
8/15/2016	0.024	
10/5/2016	<0.028	
12/1/2016	0.028	
2/8/2017	0.027	
4/6/2017	0.027	
6/21/2017	0.031	
10/5/2017	0.029	
3/21/2018	<0.028 (X)	
10/2/2018	0.029	
3/27/2019		0.027
9/11/2019		0.033
3/18/2020		0.036
9/9/2020		0.036
4/1/2021		0.034
10/18/2021		0.031
2/15/2022		0.036

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	0.018 (J)	
6/16/2010	0.018 (J)	
7/27/2010	0.018 (J)	
9/8/2010	0.017 (J)	
4/29/2011	0.016 (J)	
10/27/2011	0.015	
5/4/2012	0.014	
11/10/2012	0.016 (V)	
5/9/2013	0.016	
11/6/2013	0.016	
5/20/2014	0.016	
11/12/2014	0.017	
5/24/2015	0.017	
11/12/2015	0.016	
4/13/2016	0.0159 (D)	
6/21/2016	0.018	
8/15/2016	0.015	
10/5/2016	<0.016	
12/1/2016	0.016	
2/8/2017	0.015	
4/6/2017	0.016	
6/20/2017	0.016	
10/5/2017	0.016	
3/21/2018	<0.016 (X)	
10/2/2018	0.016	
3/27/2019	0.015	
9/11/2019	0.017	
3/18/2020	0.019	
9/10/2020	0.02	
4/1/2021		0.018
8/11/2021		0.017
2/16/2022		0.018

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	0.017 (J)	
6/18/2010	0.014 (J)	
7/27/2010	0.015 (J)	
9/8/2010	0.013 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.013	
5/3/2012	0.012	
11/10/2012	0.015 (V)	
5/9/2013	0.015	
11/6/2013	0.015	
5/20/2014	0.015	
11/12/2014	0.018	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0166 (D)	
6/21/2016	0.0173	
8/15/2016	0.015	
10/5/2016	<0.017	
12/1/2016	0.016	
2/8/2017	0.016	
4/5/2017	0.016	
6/20/2017	0.017	
10/5/2017	0.017	
3/21/2018	<0.017 (X)	
10/2/2018	0.016	
3/26/2019	0.017	
9/11/2019	0.017	
3/18/2020	0.018	
9/10/2020	0.019	
4/1/2021		0.018
8/11/2021		0.018
2/16/2022		0.018

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	0.029 (J)	
6/18/2010	0.028 (J)	
7/29/2010	0.029 (J)	
9/9/2010	0.028 (J)	
4/26/2011	0.038 (J)	
10/28/2011	0.026	
5/4/2012	0.024	
11/11/2012	0.027 (V)	
5/8/2013	0.045	
11/7/2013	0.026	
5/20/2014	0.024	
11/12/2014	0.029	
5/24/2015	0.027	
11/12/2015	0.029	
4/13/2016	0.029 (D)	
6/21/2016	0.0306	
8/15/2016	0.026	
10/7/2016	0.031	
12/1/2016	0.031	
2/9/2017	0.032	
4/6/2017	0.029	
6/22/2017	0.034	
10/6/2017	0.031	
3/22/2018	0.034	
10/3/2018	0.03	
3/26/2019		0.035
9/11/2019		0.035
3/18/2020		0.058
9/10/2020		0.037
4/6/2021		0.038
8/11/2021		0.037
2/16/2022		0.035

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	0.01 (J)	
6/18/2010	0.0097 (J)	
7/28/2010	0.0096 (J)	
9/9/2010	0.01 (J)	
4/30/2011	0.0096 (J)	
10/28/2011	0.0064 (O)	
5/3/2012	0.0054 (O)	
11/10/2012	0.0094 (J)	
5/8/2013	0.0093 (J)	
11/5/2013	0.009 (J)	
5/20/2014	0.009 (J)	
11/12/2014	0.0098 (J)	
5/24/2015	0.0096 (J)	
11/11/2015	0.0092 (J)	
4/13/2016	0.00929 (JD)	
6/21/2016	0.0106	
8/15/2016	0.0077	
10/4/2016	<0.0091	
12/1/2016	0.0089	
2/7/2017	0.0089	
4/6/2017	0.0085	
6/20/2017	0.0097	
10/5/2017	0.0096	
3/20/2018	0.0091	
10/2/2018	0.0096	
3/26/2019	0.0092	
9/11/2019	0.011	
3/18/2020	0.0099 (J)	
9/9/2020	0.01	
4/1/2021		0.0095 (J)
8/11/2021		0.012
2/16/2022		0.011

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	0.039 (J)	
6/16/2010	0.041 (J)	
7/26/2010	0.04 (J)	
9/7/2010	0.038 (J)	
4/29/2011	0.034 (J)	
10/28/2011	0.035	
5/2/2012	0.038	
11/9/2012	0.035 (V)	
5/8/2013	0.037	
11/6/2013	0.036 (V)	
5/23/2014	0.036	
11/8/2014	0.038	
5/22/2015	0.035	
11/10/2015	0.032	
4/11/2016	0.0352	
6/16/2016	0.033	
8/11/2016	0.035	
10/5/2016	<0.032	
11/29/2016	0.034	
2/8/2017	0.032	
4/6/2017	0.031	
6/21/2017	0.035	
10/5/2017	0.034	
3/20/2018	0.033	
10/2/2018	0.032	
3/26/2019	0.033	
9/11/2019	0.035	
3/18/2020	0.036	
9/9/2020	0.036	
4/1/2021		0.035
8/11/2021		0.037
2/16/2022		0.034

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	0.018 (J)	
6/16/2010	0.017 (J)	
7/27/2010	0.016 (J)	
9/7/2010	0.017 (J)	
4/29/2011	0.018 (J)	
10/28/2011	0.016	
5/2/2012	0.018	
11/9/2012	0.017 (V)	
5/9/2013	0.017	
11/6/2013	0.018 (V)	
5/22/2014	0.016	
11/8/2014	0.018	
5/23/2015	0.018	
11/10/2015	0.017	
4/11/2016	0.0191	
6/16/2016	0.017	
8/11/2016	0.015	
10/5/2016	<0.018	
11/29/2016	0.017	
2/8/2017	0.017	
4/5/2017	0.017	
6/21/2017	0.019	
10/5/2017	0.018	
3/20/2018	0.019	
10/2/2018	0.018	
3/26/2019		0.018
9/12/2019		0.026
3/19/2020		0.025
9/9/2020		0.026
4/5/2021		0.028
8/11/2021		0.031
2/16/2022		0.027

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.048 (J)	
6/19/2010	0.033 (J)	
7/27/2010	0.047 (J)	
9/9/2010	0.045 (J)	
4/28/2011	0.048 (J)	
10/28/2011	0.044	
5/3/2012	0.047	
11/9/2012	0.055 (V)	
5/9/2013	0.049	
11/5/2013	0.045	
5/22/2014	0.04	
11/13/2014	0.045	
5/24/2015	0.045	
11/11/2015	0.045	
4/12/2016	0.0519	
6/16/2016	0.045	
8/11/2016	0.04	
10/4/2016	0.044	
11/30/2016	0.044	
2/7/2017	0.044	
4/6/2017	0.041	
6/20/2017	0.045	
10/4/2017	0.047	
3/20/2018	0.045	
10/2/2018	0.044	
3/26/2019	0.045	
9/10/2019	0.047	
3/18/2020	0.048	
9/9/2020	0.047	
4/1/2021		0.044
8/12/2021		0.048
2/15/2022		0.048

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.032 (J)	
6/17/2010	0.031 (J)	
7/27/2010	0.035 (J)	
9/7/2010	0.032 (J)	
4/29/2011	0.031 (J)	
10/28/2011	0.03	
5/3/2012	0.032	
11/10/2012	0.028 (V)	
5/9/2013	0.029	
11/6/2013	0.03 (V)	
5/22/2014	0.029	
11/9/2014	0.032	
5/24/2015	0.029	
11/10/2015	0.026	
4/12/2016	0.033	
6/16/2016	0.028	
8/11/2016	0.026	
10/5/2016	0.03	
11/30/2016	0.03	
2/8/2017	0.033	
4/6/2017	0.033	
6/21/2017	0.03	
10/5/2017	0.028	
3/21/2018	<0.03 (X)	
10/3/2018	0.028	
3/26/2019	0.03	
9/12/2019	0.035	
3/19/2020	0.032	
9/10/2020	0.031	
4/5/2021		0.029
8/11/2021		0.031
2/16/2022		0.03

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.039	
6/17/2010	0.017	
7/28/2010	0.071 (O)	
9/7/2010	0.026	
4/29/2011	0.016	
10/28/2011	0.014	
5/3/2012	0.017	
11/9/2012	0.022 (V)	
5/10/2013	0.025	
11/6/2013	0.015	
5/22/2014	0.016	
11/9/2014	0.017	
5/22/2015	0.017	
11/10/2015	0.018	
4/12/2016	0.0169 (D)	
6/20/2016	0.014	
8/12/2016	0.018	
10/5/2016	0.015	
11/30/2016	0.018	
2/8/2017	0.018	
4/6/2017	0.017	
6/21/2017	0.02	
10/5/2017	0.017	
3/21/2018	<0.018 (X)	
10/3/2018	0.016	
3/26/2019	0.015	
9/10/2019	0.014	
3/18/2020	0.013	
9/10/2020	0.015	
4/6/2021		0.014
8/12/2021		0.019
2/15/2022		0.013

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032 (V)	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	0.034 (J)	
6/18/2010	0.028 (J)	
7/27/2010	0.026 (J)	
9/9/2010	0.022 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/4/2012	0.017	
11/10/2012	0.014 (V)	
5/9/2013	0.016	
11/6/2013	0.016	
5/22/2014	0.016	
11/9/2014	0.018	
5/24/2015	0.11	
11/11/2015	0.12	
4/19/2016	0.099	
6/22/2016	0.074	
8/16/2016	0.045	
10/6/2016	0.046	
12/1/2016	0.046	
2/9/2017	0.055	
4/6/2017	0.057	
6/21/2017	0.062	
10/5/2017	0.052	
3/22/2018	0.048	
10/3/2018	0.036	
3/27/2019	0.038	
9/11/2019	0.039	
3/18/2020	0.04	
9/9/2020	0.033	
4/1/2021		0.04
8/12/2021		0.036
2/15/2022		0.038

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.053 (J)	
6/18/2010	0.055 (J)	
7/27/2010	0.053 (J)	
9/9/2010	0.05 (J)	
4/30/2011	0.05 (J)	
10/29/2011	0.045	
5/4/2012	0.051	
11/10/2012	0.048 (V)	
5/9/2013	0.048	
11/7/2013	0.049	
5/21/2014	0.048	
11/9/2014	0.053	
5/24/2015	0.061	
11/11/2015	0.063	
4/12/2016	0.0626	
6/20/2016	0.057	
8/12/2016	0.053	
10/6/2016	0.053	
11/30/2016	0.06	
2/9/2017	0.054	
4/6/2017	0.055	
6/21/2017	0.063	
10/6/2017	0.054	
3/21/2018	0.056	
10/3/2018	0.051	
3/26/2019	0.052	
9/11/2019	0.059	
3/18/2020	0.05	
9/10/2020	0.056	
4/5/2021		0.054
8/11/2021		0.054
2/15/2022		0.057

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.029 (J)	
6/18/2010	0.044 (J)	
7/28/2010	0.028 (J)	
9/9/2010	0.029 (J)	
4/30/2011	0.025 (J)	
10/29/2011	0.026	
5/4/2012	0.032	
11/10/2012	0.028 (V)	
5/9/2013	0.03	
11/7/2013	0.031	
5/21/2014	0.029	
11/12/2014	0.031	
5/24/2015	0.039	
11/11/2015	0.032	
4/13/2016	0.0328 (D)	
6/20/2016	0.03	
8/15/2016	0.033	
10/6/2016	0.032	
12/1/2016	0.034	
2/9/2017	0.032	
4/7/2017	0.031	
6/22/2017	0.035	
10/6/2017	0.034	
3/22/2018	0.035	
10/4/2018	0.031	
3/27/2019	0.033	
9/11/2019	0.035	
3/19/2020	0.036	
9/10/2020	0.039	
4/1/2021		0.036
8/11/2021		0.036
2/15/2022		0.035

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	0.05 (J)	
6/19/2010	0.045 (J)	
7/28/2010	0.046 (J)	
9/8/2010	0.071 (J)	
4/30/2011	0.098 (J)	
10/27/2011	0.048	
5/4/2012	0.055	
11/11/2012	0.05 (V)	
5/10/2013	0.12	
11/7/2013	0.044	
5/21/2014	0.037	
11/13/2014	0.085	
5/23/2015	0.054	
11/11/2015	0.059	
4/19/2016	0.0415	
10/10/2016	0.034	
12/1/2016	0.037	
2/9/2017	0.043	
4/7/2017	0.019	
6/21/2017	0.017	
8/15/2017	0.021	
9/1/2017	0.02	
10/9/2017	0.019	
3/22/2018	0.019	
10/4/2018	0.012	
3/27/2019	0.025	
9/11/2019	0.022	
3/18/2020	0.043	
9/9/2020	0.053	
4/5/2021		0.045
8/12/2021		0.026
2/15/2022		0.048

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	0.026 (J)	
6/16/2010	0.026 (J)	
7/27/2010	0.029 (J)	
9/8/2010	0.027 (J)	
4/29/2011	0.02 (J)	
10/27/2011	0.02	
5/3/2012	0.021	
11/11/2012	0.028 (V)	
5/9/2013	0.026	
11/6/2013	0.026	
5/21/2014	0.023	
11/12/2014	0.038	
5/23/2015	0.021	
11/12/2015	0.02	
4/13/2016	0.0164 (D)	
6/22/2016	0.0238	
8/15/2016	0.02	
10/6/2016	0.021	
12/1/2016	0.025	
2/8/2017	0.017	
4/6/2017	0.019	
6/21/2017	0.026	
10/5/2017	0.022	
3/21/2018	<0.021 (X)	
10/2/2018	0.023	
3/27/2019	0.018	
9/11/2019	0.028	
3/18/2020	0.013	
9/9/2020	0.025	
4/1/2021		0.018
8/12/2021		0.023
2/15/2022		0.023

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	0.0021	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021		<0.0025
8/11/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021		<0.0025
8/12/2021		0.00022 (J)
2/15/2022		<0.0025

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/20/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00018 (J)	
4/1/2021		<0.0025
8/11/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021		0.00038 (J)
8/12/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00013 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021		<0.0025
8/11/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.001 (J)	
4/1/2021		<0.0025
8/11/2021		<0.0025
2/16/2022		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021		0.00038 (J)
8/12/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	0.001	
4/30/2011	0.0014	
10/27/2011	0.0011	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0016	
11/7/2013	0.001	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	0.000379 (J)	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	0.00037 (J)	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021		0.0003 (J)
8/12/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002 (D)	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0023 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/15/2022		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.003 (J)	
6/16/2010	0.0042 (J)	
7/27/2010	0.0048 (J)	
9/7/2010	0.0037 (J)	
4/29/2011	0.0046 (J)	
10/28/2011	0.005	
5/2/2012	0.0052	
11/9/2012	0.0054	
5/8/2013	0.0058	
11/6/2013	0.0062 (J)	
5/20/2014	0.0047 (J)	
11/8/2014	0.0064 (J)	
5/22/2015	0.0059 (J)	
11/9/2015	0.0043 (J)	
4/6/2016	0.00457 (J)	
6/15/2016	<0.01	
8/10/2016	0.0042	
10/4/2016	0.0052	
11/29/2016	0.004	
2/7/2017	0.004	
4/4/2017	0.0021 (J)	
6/20/2017	0.0046	
10/5/2017	0.005	
3/20/2018	0.0044	
10/2/2018	0.0043	
3/26/2019	0.0046	
9/10/2019	0.0076	
3/18/2020	0.0044	
9/9/2020	0.005	
4/1/2021		0.0053
8/11/2021		0.0059
2/15/2022		0.0056

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	0.0032 (J)	
6/16/2010	0.0037 (J)	
7/26/2010	0.0058	
9/7/2010	0.0078	
4/29/2011	0.005	
10/28/2011	0.0068	
5/2/2012	0.0065	
11/9/2012	0.006	
5/8/2013	0.0074	
11/6/2013	0.0082 (J)	
5/20/2014	0.0051 (J)	
11/8/2014	0.0074 (J)	
5/22/2015	0.0084 (J)	
11/9/2015	0.009 (J)	
4/6/2016	0.00779 (J)	
6/15/2016	<0.01	
8/10/2016	0.0068	
10/5/2016	0.0076	
11/29/2016	0.0045	
2/7/2017	0.0067	
4/4/2017	0.0079	
6/20/2017	0.0084	
10/5/2017	0.0061	
3/20/2018	0.006	
10/2/2018	0.0061	
3/26/2019	0.0065	
9/10/2019	0.012	
3/18/2020	0.0083	
9/9/2020	0.0088	
4/1/2021		0.0082
8/11/2021		0.0089
2/15/2022		0.0084

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	0.0077	
6/17/2010	0.0053	
7/27/2010	0.0085	
9/9/2010	0.0076	
4/28/2011	0.0048 (J)	
10/29/2011	0.0093	
5/3/2012	0.01	
11/9/2012	0.009	
5/9/2013	0.0085	
11/5/2013	0.015	
5/23/2014	0.012	
11/13/2014	0.011	
5/23/2015	0.012	
11/11/2015	0.014	
4/12/2016	0.0135	
6/16/2016	0.014	
8/11/2016	0.013	
10/4/2016	0.014	
11/30/2016	0.013	
2/7/2017	0.013	
4/5/2017	0.014	
6/20/2017	0.013	
10/4/2017	0.015	
3/20/2018	0.013	
10/2/2018	0.014	
3/26/2019	0.013	
9/10/2019	0.018	
3/18/2020	0.014	
9/9/2020	0.014	
4/1/2021		0.014
8/18/2021		0.014
2/15/2022		0.011

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.0095	
7/28/2010	0.01	
9/8/2010	0.011	
4/29/2011	0.0096	
10/27/2011	0.011	
5/4/2012	0.01	
11/11/2012	0.01	
5/9/2013	0.011	
11/5/2013	0.015	
5/21/2014	0.013	
11/12/2014	0.012	
5/23/2015	0.014	
11/12/2015	0.016	
4/13/2016	0.0152 (D)	
6/21/2016	0.016	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.015	
2/8/2017	0.017	
4/6/2017	0.018	
6/21/2017	0.017	
10/5/2017	0.018	
3/21/2018	0.017 (J+X)	
10/2/2018	0.018	
3/27/2019		0.017
9/11/2019		0.023
3/18/2020		0.02
9/9/2020		0.018
4/1/2021		0.02
10/18/2021		0.019
2/15/2022		0.021

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	0.011	
6/16/2010	0.012	
7/27/2010	0.012	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.0077	
5/4/2012	0.0082	
11/10/2012	0.007	
5/9/2013	0.0079	
11/6/2013	0.011	
5/20/2014	0.0076 (J)	
11/12/2014	0.0071 (J)	
5/24/2015	0.0083 (J)	
11/12/2015	0.0069 (J)	
4/13/2016	0.00804 (JD)	
6/21/2016	0.0086 (J)	
8/15/2016	0.0073	
10/5/2016	0.0077	
12/1/2016	0.0075	
2/8/2017	0.0078	
4/6/2017	0.0079	
6/20/2017	0.0078	
10/5/2017	0.0081	
3/21/2018	<0.0081 (X)	
10/2/2018	0.0075	
3/27/2019	0.007	
9/11/2019	0.011	
3/18/2020	0.0086	
9/10/2020	0.009	
4/1/2021		0.0078
8/11/2021		0.0078
2/16/2022		0.0074

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	0.002 (J)	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	0.0031 (J)	
5/20/2014	0.002 (J)	
11/12/2014	<0.002	
5/23/2015	0.0027 (J)	
11/12/2015	0.0022 (J)	
4/13/2016	<0.002 (D)	
6/21/2016	0.0012 (J)	
8/15/2016	0.0021 (J)	
10/5/2016	0.0013 (J)	
12/1/2016	0.0015 (J)	
2/8/2017	0.0016 (J)	
4/5/2017	0.0014 (J)	
6/20/2017	0.0015 (J)	
10/5/2017	0.0015 (J)	
3/21/2018	<0.002 (XD)	
10/2/2018	0.0012 (J)	
3/26/2019	0.0013 (J)	
9/11/2019	0.0036	
3/18/2020	0.0016 (J)	
9/10/2020	<0.002	
4/1/2021		0.0015 (J)
8/11/2021		<0.002
2/16/2022		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	0.0051	
6/18/2010	0.0043 (J)	
7/29/2010	0.0058	
9/9/2010	0.0052	
4/26/2011	0.0025 (J)	
10/28/2011	0.0035 (J)	
5/4/2012	0.0073	
11/11/2012	0.004 (J)	
5/8/2013	0.006	
11/7/2013	0.0068 (J)	
5/20/2014	0.0039 (J)	
11/12/2014	0.0039 (J)	
5/24/2015	0.004 (J)	
11/12/2015	0.0077 (J)	
4/13/2016	0.0038 (JD)	
6/21/2016	0.0035 (J)	
8/15/2016	0.0034	
10/7/2016	0.0037	
12/1/2016	0.0037	
2/9/2017	0.0038	
4/6/2017	0.0039	
6/22/2017	0.0042	
10/6/2017	0.0039	
3/22/2018	0.028 (O)	
10/3/2018	0.0056	
3/26/2019	0.0048	
9/11/2019	0.0075	
3/18/2020	0.008	
9/10/2020	0.0054	
4/6/2021		0.0061
8/11/2021		0.0051
2/16/2022		0.005

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
6/21/2016	0.0006 (J)	
8/15/2016	<0.002	
10/4/2016	<0.002	
12/1/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.0038	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	0.012	
6/16/2010	0.014	
7/26/2010	0.013	
9/7/2010	0.015	
4/29/2011	0.014	
10/28/2011	0.014	
5/2/2012	0.017	
11/9/2012	0.014	
5/8/2013	0.017	
11/6/2013	0.017	
5/23/2014	0.013	
11/8/2014	0.018	
5/22/2015	0.02	
11/10/2015	0.013	
4/11/2016	0.0139	
6/16/2016	0.014	
8/11/2016	0.016	
10/5/2016	0.014	
11/29/2016	0.013	
2/8/2017	0.013	
4/6/2017	0.014	
6/21/2017	0.013	
10/5/2017	0.014	
3/20/2018	0.014	
10/2/2018	0.014	
3/26/2019	0.014	
9/11/2019	0.017	
3/18/2020	0.014	
9/9/2020	0.013	
4/1/2021		0.014
8/11/2021		0.014
2/16/2022		0.012

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	0.0039 (J)	
6/16/2010	0.0049 (J)	
7/27/2010	0.0047 (J)	
9/7/2010	0.0057	
4/29/2011	0.0087	
10/28/2011	0.0075	
5/2/2012	0.011	
11/9/2012	0.0076	
5/9/2013	0.0088	
11/6/2013	0.011	
5/22/2014	0.0057 (J)	
11/8/2014	0.013	
5/23/2015	0.014	
11/10/2015	0.0091 (J)	
4/11/2016	0.00767 (J)	
6/16/2016	<0.01	
8/11/2016	0.0085	
10/5/2016	0.01	
11/29/2016	0.0087	
2/8/2017	0.0093	
4/5/2017	0.0098	
6/21/2017	0.0094	
10/5/2017	0.0096	
3/20/2018	0.0097	
10/2/2018	0.0097	
3/26/2019	0.0091	
9/12/2019	0.012	
3/19/2020	0.012	
9/9/2020	0.011	
4/5/2021		0.012
8/11/2021		0.013
2/16/2022		0.011

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0051	
6/19/2010	<0.011	
7/27/2010	0.01	
9/9/2010	0.0072	
4/28/2011	0.0077	
10/28/2011	0.011	
5/3/2012	0.011	
11/9/2012	0.0089	
5/9/2013	0.0089	
11/5/2013	0.011	
5/22/2014	0.01	
11/13/2014	0.0084 (J)	
5/24/2015	0.0095 (J)	
11/11/2015	0.011	
4/12/2016	0.0122	
6/16/2016	<0.011	
8/11/2016	0.01	
10/4/2016	0.011	
11/30/2016	0.0098	
2/7/2017	0.0096	
4/6/2017	0.01	
6/20/2017	0.01	
10/4/2017	0.011	
3/20/2018	0.0099	
10/2/2018	0.01	
3/26/2019	0.0096	
9/10/2019	0.014	
3/18/2020	0.011	
9/9/2020	0.01	
4/1/2021		0.0057
8/12/2021		0.012
2/15/2022		0.011

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.0063	
6/17/2010	0.0053	
7/27/2010	0.0064	
9/7/2010	0.0078	
4/29/2011	0.0065	
10/28/2011	0.0092	
5/3/2012	0.011	
11/10/2012	0.0073	
5/9/2013	0.0098	
11/6/2013	0.011	
5/22/2014	0.0097 (J)	
11/9/2014	0.012	
5/24/2015	0.016	
11/10/2015	0.0088 (J)	
4/12/2016	0.00965 (J)	
6/16/2016	<0.0085	
8/11/2016	0.0083	
10/5/2016	0.0094	
11/30/2016	0.0084	
2/8/2017	0.0091	
4/6/2017	0.011	
6/21/2017	0.0081	
10/5/2017	0.0083	
3/21/2018	<0.0085 (X)	
10/3/2018	0.0091	
3/26/2019	0.0092	
9/12/2019	0.011	
3/19/2020	0.0094	
9/10/2020	0.009	
4/5/2021		0.008
8/11/2021		0.0087
2/16/2022		0.0081

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.01	
6/17/2010	0.0087	
7/28/2010	0.028 (O)	
9/7/2010	0.022	
4/29/2011	0.0099	
10/28/2011	0.0089	
5/3/2012	0.0091	
11/9/2012	0.008	
5/10/2013	0.019	
11/6/2013	0.013	
5/22/2014	0.0093 (J)	
11/9/2014	0.0098 (J)	
5/22/2015	0.01	
11/10/2015	0.011	
4/12/2016	0.00925 (JD)	
6/20/2016	0.0076 (J)	
8/12/2016	0.0079	
10/5/2016	0.0085	
11/30/2016	0.0086	
2/8/2017	0.011	
4/6/2017	0.0098	
6/21/2017	0.011	
10/5/2017	0.01	
3/21/2018	<0.0093 (X)	
10/3/2018	0.0081	
3/26/2019	0.0075	
9/10/2019	0.0092	
3/18/2020	0.0049	
9/10/2020	0.0061	
4/6/2021		0.0074
8/12/2021		0.0085
2/15/2022		0.0076

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.0046 (J)	
6/17/2010	0.007	
7/28/2010	0.0084	
9/8/2010	0.0071	
4/28/2011	0.008	
10/29/2011	0.0054	
5/3/2012	0.0065	
11/10/2012	0.0059	
5/10/2013	0.0083	
11/6/2013	0.0099 (J)	
5/22/2014	0.0049 (J)	
11/9/2014	0.0068 (J)	
5/22/2015	0.0087 (J)	
11/11/2015	0.0084 (J)	
4/12/2016	0.00419 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.0062	
11/30/2016	0.0043	
2/8/2017	0.0052	
4/6/2017	0.005	
6/22/2017	0.0052	
10/6/2017	0.0049	
3/21/2018	<0.0062 (X)	
10/3/2018	0.0039	
3/26/2019	0.0084	
9/10/2019	0.0067	
3/19/2020	0.0045	
9/10/2020	0.0055	
4/2/2021		0.0052
8/12/2021		0.0045
2/15/2022		0.0041

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	0.004 (J)	
6/18/2010	0.0056	
7/27/2010	0.0051	
9/9/2010	0.0037 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	0.0026 (J)	
5/4/2012	0.0031 (J)	
11/10/2012	<0.005	
5/9/2013	0.0033 (J)	
11/6/2013	0.0045 (J)	
5/22/2014	0.0035 (J)	
11/9/2014	0.0062 (J)	
5/24/2015	0.012	
11/11/2015	0.0068 (J)	
4/19/2016	0.00368 (J)	
6/22/2016	0.0031 (J)	
8/16/2016	0.0028	
10/6/2016	0.003	
12/1/2016	0.0022 (J)	
2/9/2017	0.0035	
4/6/2017	0.0032	
6/21/2017	0.0031	
10/5/2017	0.0029	
3/22/2018	0.0086 (J+X)	
10/3/2018	0.003	
3/27/2019	0.0039	
9/11/2019	0.0079	
3/18/2020	0.0052	
9/9/2020	0.0048	
4/1/2021		0.0058
8/12/2021		0.0053
2/15/2022		0.0061

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.012	
6/18/2010	0.0063	
7/27/2010	0.004 (J)	
9/9/2010	0.0053	
4/30/2011	0.0035 (J)	
10/29/2011	0.0048 (J)	
5/4/2012	0.0064	
11/10/2012	0.0084	
5/9/2013	0.0041 (J)	
11/7/2013	0.0077 (J)	
5/21/2014	0.0044 (J)	
11/9/2014	0.0071 (J)	
5/24/2015	0.01	
11/11/2015	0.0053 (J)	
4/12/2016	0.00493 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.004	
11/30/2016	0.0035	
2/9/2017	0.0041	
4/6/2017	0.0038	
6/21/2017	0.004	
10/6/2017	0.0038	
3/21/2018	<0.012 (X)	
10/3/2018	0.0042	
3/26/2019	0.0044	
9/11/2019	0.0078	
3/18/2020	0.0046	
9/10/2020	0.0049	
4/5/2021		0.005
8/11/2021		0.005
2/15/2022		0.0046

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.007	
6/18/2010	0.011	
7/28/2010	0.0092	
9/9/2010	0.01	
4/30/2011	0.012	
10/29/2011	0.012	
5/4/2012	0.013	
11/10/2012	0.0097	
5/9/2013	0.013	
11/7/2013	0.013	
5/21/2014	0.0091 (J)	
11/12/2014	0.0097 (J)	
5/24/2015	0.018	
11/11/2015	0.0086 (J)	
4/13/2016	0.00924 (JD)	
6/20/2016	0.0084 (J)	
8/15/2016	0.0083	
10/6/2016	0.0081	
12/1/2016	0.0083	
2/9/2017	0.0087	
4/7/2017	0.009	
6/22/2017	0.0092	
10/6/2017	0.0095	
3/22/2018	0.0086 (J+X)	
10/4/2018	0.0083	
3/27/2019	0.0088	
9/11/2019	0.013	
3/19/2020	0.011	
9/10/2020	0.0098	
4/1/2021		0.0091
8/11/2021		0.0092
2/15/2022		0.0088

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.002	
6/19/2010	<0.002	
7/28/2010	0.0034 (J)	
9/8/2010	0.014	
4/30/2011	0.022	
10/27/2011	0.0064	
5/4/2012	0.0059	
11/11/2012	0.011	
5/10/2013	0.038 (O)	
11/7/2013	0.012	
5/21/2014	0.0048 (J)	
11/13/2014	0.023	
5/23/2015	0.015	
11/11/2015	0.016	
4/19/2016	0.0086 (J)	
10/10/2016	0.0052	
12/1/2016	0.0062	
2/9/2017	0.0091	
4/7/2017	<0.002	
6/21/2017	<0.002	
8/15/2017	<0.002	
9/1/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	0.0079 (J+X)	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021		<0.002
8/12/2021		<0.002
2/15/2022		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	0.0097	
6/16/2010	0.0074	
7/27/2010	0.0068	
9/8/2010	0.007	
4/29/2011	0.0062	
10/27/2011	0.0084	
5/3/2012	0.0099	
11/11/2012	0.0073	
5/9/2013	0.0085	
11/6/2013	0.013	
5/21/2014	0.0097 (J)	
11/12/2014	0.0072 (J)	
5/23/2015	0.0095 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	0.00627 (JD)	
6/22/2016	0.0079 (J)	
8/15/2016	0.0075	
10/6/2016	0.0071	
12/1/2016	0.007	
2/8/2017	0.0047	
4/6/2017	0.006	
6/21/2017	0.0071	
10/5/2017	0.008	
3/21/2018	<0.0046 (X)	
10/2/2018	0.0081	
3/27/2019	0.0064	
9/11/2019	0.012	
3/18/2020	0.0066	
9/9/2020	0.0081	
4/1/2021		0.0018 (J)
8/12/2021		0.0077
2/15/2022		0.0079

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/6/2016	0.00261 (O)	
6/15/2016	0.00092 (J)	
8/10/2016	0.00076 (J)	
10/4/2016	0.00081 (J)	
11/30/2016	0.00061 (J)	
2/7/2017	<0.0025	
4/4/2017	0.00084 (J)	
6/20/2017	0.0012 (J)	
10/4/2017	0.00087 (J)	
3/20/2018	0.0018 (JD)	
10/2/2018	0.0011 (J)	
3/26/2019	0.0019 (J)	
9/10/2019	0.0012 (J)	
3/18/2020	0.0017 (J)	
9/9/2020	0.0016 (J)	
4/1/2021		0.0024 (J)
8/11/2021		0.0011 (J)
2/15/2022		0.0029

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	0.003 (O)	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	2.2E-05 (J)	
8/10/2016	<0.0025	
10/4/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00031 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	<0.0025	
4/1/2021		0.00014 (J)
8/11/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	8.4E-05 (J)	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00052 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00019 (J)	
4/1/2021		<0.0025
8/11/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	0.00017 (J)	
9/9/2020	<0.0025	
4/1/2021		<0.0025
8/18/2021		0.00025 (J)
2/15/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.00033 (J)	
4/1/2021		<0.0025
8/11/2021		<0.0025
2/16/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.0004	
6/18/2010	<0.0004	
7/27/2010	<0.0004	
9/8/2010	<0.0004	
4/29/2011	<0.0004	
10/28/2011	<0.0004	
5/3/2012	<0.0004	
11/10/2012	<0.0004	
5/9/2013	<0.0004	
11/6/2013	<0.0004	
5/20/2014	<0.0004	
11/12/2014	<0.0004	
5/23/2015	<0.0004	
11/12/2015	<0.0004	
4/13/2016	<0.0004 (D)	
6/21/2016	0.0004 (J)	
8/15/2016	0.00042 (J)	
10/5/2016	0.00049 (J)	
12/1/2016	<0.0004	
2/8/2017	<0.0004	
4/5/2017	<0.0004	
6/20/2017	0.0004 (J)	
10/5/2017	0.00041 (J)	
3/21/2018	<0.0004	
10/2/2018	<0.0004	
3/26/2019	<0.0004	
9/11/2019	0.00042 (J)	
3/18/2020	0.00013 (J)	
9/10/2020	0.00057 (J)	
4/1/2021		0.00028 (J)
8/11/2021		0.00033 (J)
2/16/2022		0.00033 (J)

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/23/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	0.0032 (O)	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00023 (J)	
3/18/2020	0.00018 (J)	
9/9/2020	0.00014 (J)	
4/1/2021		<0.0025
8/11/2021		0.00021 (J)
2/16/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/8/2014	<0.0025	
5/23/2015	<0.0025	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00014 (J)	
9/9/2020	<0.0025	
4/5/2021		<0.0025
8/11/2021		<0.0025
2/16/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00015 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021		<0.0025
8/12/2021		0.0002 (J)
2/15/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	0.00012 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	0.0005 (J)	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00026 (J)	
9/10/2020	0.00018 (J)	
4/5/2021		<0.0025
8/11/2021		<0.0025
2/16/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.0034 (O)	
9/7/2010	<0.0025	
4/29/2011	0.0037 (O)	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025 (D)	
6/20/2016	0.0001 (J)	
8/12/2016	0.00042 (J)	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	0.00042 (J)	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00028 (J)	
3/18/2020	0.00014 (J)	
9/10/2020	0.00023 (J)	
4/6/2021		0.00031 (J)
8/12/2021		0.00067 (J)
2/15/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	0.00016 (J)	
8/12/2016	<0.0025	
10/6/2016	0.00068 (J)	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.00096 (J)	
9/10/2019	<0.0025	
3/19/2020	0.00021 (J)	
9/10/2020	0.00032 (J)	
4/2/2021		0.00026 (J)
8/12/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	9.9E-05 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021		<0.0025
8/12/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	3E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	8.7E-05 (J)	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/5/2021		0.00015 (J)
8/11/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/20/2016	8.6E-05 (J)	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/19/2020	0.00013 (J)	
9/10/2020	0.00038 (J)	
4/1/2021		0.00015 (J)
8/11/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.0063 (O)	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0068 (O)	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	0.0046	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	0.00068 (J)	
2/9/2017	0.0009 (J)	
4/7/2017	0.0011 (J)	
6/21/2017	0.00064 (J)	
8/15/2017	0.001 (J)	
9/1/2017	0.00089 (J)	
10/9/2017	0.00085 (J)	
3/22/2018	<0.0004 (o)	
10/4/2018	0.00048 (J)	
3/27/2019	0.0012 (J)	
9/11/2019	0.00085 (J)	
3/18/2020	0.0027	
9/9/2020	0.0043	
4/5/2021		0.0026
8/12/2021		0.0019 (J)
2/15/2022		0.0037

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/3/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/22/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00023 (J)	
4/1/2021		0.00015 (J)
8/12/2021		0.00013 (J)
2/15/2022		<0.0025

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00095 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		0.00074 (J)
8/11/2021		<0.002
2/15/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/5/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0012 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/15/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/13/2014	<0.002	
5/23/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/5/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/18/2021		0.0011 (J)
2/15/2022		0.0013 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	0.0021 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	0.0007 (J)	
4/1/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	0.0024 (J)	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	0.0021 (J)	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	0.0025 (J)	
7/26/2010	0.0023 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00084 (J)	
3/18/2020	<0.002	
9/9/2020	0.00084 (J)	
4/1/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		0.00069 (J)
8/12/2021		0.00078 (J)
2/15/2022		0.0013 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	0.0021 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/5/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.003 (J)	
6/17/2010	<0.002	
7/28/2010	0.012 (O)	
9/7/2010	0.0026 (J)	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	0.0042 (J)	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002 (D)	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0011 (J)	
3/18/2020	<0.002	
9/10/2020	0.00072 (J)	
4/6/2021		0.00088 (J)
8/12/2021		0.0019 (J)
2/15/2022		0.0013 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	0.0022 (J)	
7/28/2010	0.0033 (J)	
9/8/2010	<0.002	
4/28/2011	0.0037 (J)	
10/29/2011	<0.002	
5/3/2012	0.0031 (J)	
11/10/2012	0.0021 (J)	
5/10/2013	0.0025 (J)	
11/6/2013	0.0032 (J)	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	0.002 (J)	
4/12/2016	<0.002	
10/6/2016	0.0022 (J)	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0039	
9/10/2019	0.0017 (J)	
3/19/2020	<0.002	
9/10/2020	0.0011 (J)	
4/2/2021		0.0012 (J)
8/12/2021		<0.002
2/15/2022		0.0011 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.002	
6/18/2010	0.0026 (J)	
7/27/2010	0.0029 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	0.0037 (J)	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00066 (J)	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/5/2021		<0.002
8/11/2021		<0.002
2/15/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	0.008 (O)	
7/28/2010	0.0021 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	0.0022 (J)	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	0.0022 (J)	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
10/6/2016	<0.002	
4/7/2017	<0.002	
10/6/2017	0.0026	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00086 (J)	
3/19/2020	<0.002	
9/10/2020	0.0024	
4/1/2021		0.00094 (J)
8/11/2021		<0.002
2/15/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	0.0036 (J)	
6/19/2010	0.004 (J)	
7/28/2010	0.013	
9/8/2010	0.068	
4/30/2011	0.098	
10/27/2011	0.02	
5/4/2012	0.024	
11/11/2012	0.032	
5/10/2013	0.18	
11/7/2013	0.021	
5/21/2014	0.0089 (J)	
11/13/2014	0.1	
5/23/2015	0.048	
11/11/2015	0.059	
4/19/2016	0.0131 (J)	
10/10/2016	0.0046	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021		<0.002
8/12/2021		<0.002
2/15/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/3/2012	0.0023	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	0.0038	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/12/2021		<0.002
2/15/2022		<0.002

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.0021 (J)	
6/16/2010	0.0028 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/2/2012	<0.001	
11/9/2012	0.0024 (J)	
5/8/2013	0.0051	
11/6/2013	0.0033 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0036 (J)	
11/9/2015	0.0039 (J)	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00016 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	0.0021 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0024 (J)	
10/28/2011	0.002 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0034 (J)	
11/6/2013	0.0028 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0032 (J)	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00022 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	0.0026 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0036 (J)	
10/29/2011	0.0038 (J)	
5/3/2012	<0.001	
11/9/2012	0.0024 (J)	
5/9/2013	0.0085	
11/5/2013	0.0042 (J)	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	0.0044 (J)	
11/11/2015	0.0042 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	0.00067 (J)	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00023 (J)	
9/9/2020	<0.001	
4/1/2021		<0.001
8/18/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.001	
6/16/2010	0.002 (J)	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.003 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/11/2012	0.0022 (J)	
5/9/2013	0.007	
11/5/2013	0.0048 (J)	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.0035 (J)	
11/12/2015	0.0032 (J)	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
10/18/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0032 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/10/2012	0.0025 (J)	
5/9/2013	0.0051	
11/6/2013	0.0037 (J)	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0037 (J)	
11/12/2015	0.0038 (J)	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	0.0017	
9/10/2020	0.00014 (J)	
4/1/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	0.0021	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	0.0036	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/7/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	0.00061 (J)	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/8/2013	0.0024	
11/5/2013	0.0028	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/4/2016	<0.001	
12/1/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	0.0023 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0033 (J)	
10/28/2011	0.0023 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0052	
11/6/2013	0.003 (J)	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0023 (J)	
11/10/2015	0.0025 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	0.0022 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0029 (J)	
10/28/2011	0.0021 (J)	
5/2/2012	<0.001	
11/9/2012	0.002 (J)	
5/9/2013	0.0056	
11/6/2013	0.0035 (J)	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/23/2015	0.0047 (J)	
11/10/2015	0.0044 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	0.0009 (J)	
6/21/2017	<0.001	
10/5/2017	0.0015	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021		0.00014 (J)
8/11/2021		<0.001
2/16/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	0.003 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0037 (J)	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/9/2012	0.003 (J)	
5/9/2013	0.0063	
11/5/2013	0.0043 (J)	
5/22/2014	<0.001	
11/13/2014	0.0021 (J)	
5/24/2015	0.0043 (J)	
11/11/2015	0.0032 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00014 (J)	
9/9/2020	<0.001	
4/1/2021		<0.001
8/12/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.0026 (J)	
6/17/2010	0.0021 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0056	
11/6/2013	0.0032 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0044 (J)	
11/10/2015	0.0038 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/5/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.011	
6/17/2010	0.0027 (J)	
7/28/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0038 (J)	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	0.0029 (J)	
5/10/2013	0.0061	
11/6/2013	0.0025 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0034 (J)	
11/10/2015	0.0021 (J)	
4/12/2016	<0.001 (D)	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	0.00037 (J)	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/12/2021		0.00014 (J)
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.002 (J)	
4/28/2011	0.0042 (J)	
10/29/2011	0.0036 (J)	
5/3/2012	<0.001	
11/10/2012	0.0023 (J)	
5/10/2013	0.0062	
11/6/2013	0.0043 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0046 (J)	
11/11/2015	0.0028 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00019 (J)	
9/10/2020	<0.001	
4/2/2021		<0.001
8/12/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	0.0024	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	0.0028	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0061	
11/6/2013	0.0034	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0093 (O)	
11/11/2015	0.0071	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/12/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	0.0034 (J)	
10/29/2011	0.0041 (J)	
5/4/2012	<0.001	
11/10/2012	0.0023 (J)	
5/9/2013	0.0067	
11/7/2013	0.0048 (J)	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0045 (J)	
11/11/2015	0.0048 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	0.0027 (J)	
7/28/2010	<0.001	
9/9/2010	0.002 (J)	
4/30/2011	0.0037 (J)	
10/29/2011	0.0025 (J)	
5/4/2012	<0.001	
11/10/2012	0.003 (J)	
5/9/2013	0.0064	
11/7/2013	0.0037 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0053 (J)	
11/11/2015	0.0022 (J)	
4/13/2016	<0.001 (D)	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00017 (J)	
4/1/2021		<0.001
8/11/2021		0.00014 (J)
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.0023 (J)	
4/30/2011	0.011 (O)	
10/27/2011	0.0055	
5/4/2012	0.0029 (J)	
11/11/2012	0.0052	
5/10/2013	0.023 (O)	
11/7/2013	0.0083	
5/21/2014	<0.001	
11/13/2014	0.0085	
5/23/2015	0.0077	
11/11/2015	0.008	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	0.00047 (J)	
2/9/2017	0.0012 (J)	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021		0.00034 (J)
8/12/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	0.003 (J)	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0039 (J)	
10/27/2011	0.0043 (J)	
5/3/2012	<0.001	
11/11/2012	0.0025 (J)	
5/9/2013	0.0067	
11/6/2013	0.0069	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.003 (J)	
11/12/2015	0.0044 (J)	
4/13/2016	<0.001 (D)	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/12/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	7E-05 (J)	
11/5/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/22/2015	7.2E-05 (J)	
11/11/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002 (D)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	7.4E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	8E-05 (J)	
11/6/2013	0.00014	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	7.8E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	0.00011	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	7.1E-05 (J)	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	7.3E-05 (J)	
5/23/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	7E-05 (J)	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/18/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	8.8E-05 (J)	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/17/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00019	
11/6/2013	0.00014	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/16/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	8.2E-05 (J)	
6/18/2010	<0.0002	
7/29/2010	<0.0002	
9/9/2010	<0.0002	
4/26/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/8/2013	<0.0002	
11/7/2013	0.0001	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/7/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021		<0.0002
8/11/2021		<0.0002
2/16/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	9.1E-05 (J)	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	0.00016	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/4/2016	<0.0002	
12/1/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/16/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	<0.0002	
5/23/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	8.9E-05	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/16/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.00011	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/8/2014	<0.0002	
5/23/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/5/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021		<0.0002
8/11/2021		<0.0002
2/16/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.0002	
6/19/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	9.3E-05	
4/28/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011	
5/22/2014	<0.0002	
11/13/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	8.5E-05	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.0001	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	7.5E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
6/1/2021		<0.0002
8/11/2021		<0.0002
2/16/2022		0.00015 (J)

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/7/2010	0.00012	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/10/2013	0.00014	
11/6/2013	0.00014	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002 (D)	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/10/2013	0.00012	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00016	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
6/22/2016	<0.0002	
8/16/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/22/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	0.00017	
4/30/2011	<0.0002	
10/29/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00014	
11/7/2013	0.00011	
5/21/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
6/2/2021		<0.0002
8/11/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/29/2011	7E-05 (J)	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/7/2013	0.00016	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/20/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	<0.0002 (X)	
10/4/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/19/2020	0.00011 (J)	
9/10/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0002	
6/19/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	0.00011 (J)	
4/30/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/10/2013	0.00014	
11/7/2013	0.00019	
5/21/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
10/10/2016	0.000155 (D)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/21/2017	<0.0002	
8/15/2017	<0.0002	
9/1/2017	<0.0002	
10/9/2017	8.9E-05 (J)	
3/22/2018	<0.0002 (X)	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/3/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	8.8E-05	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/22/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.0018	
6/18/2010	<0.0018	
7/28/2010	<0.0018	
9/9/2010	<0.0018	
4/30/2011	<0.0018	
10/28/2011	<0.0018	
5/2/2012	<0.0018	
11/9/2012	<0.0018	
5/8/2013	<0.0018	
11/5/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/22/2015	<0.0018	
11/11/2015	<0.0018	
4/6/2016	0.00202 (J)	
10/4/2016	<0.0018	
4/4/2017	<0.0018	
10/4/2017	<0.0018	
3/20/2018	<0.0018 (D)	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/10/2019	0.00081 (J)	
3/18/2020	0.00043 (J)	
9/9/2020	0.00069 (J)	
4/1/2021		0.00049 (J)
8/11/2021		0.00051 (J)
2/15/2022		0.00065 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	0.04 (O)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00037 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/5/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0012	
3/18/2020	<0.001	
9/9/2020	0.00048 (J)	
4/1/2021		0.0004 (J)
8/11/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/28/2011	0.0086 (O)	
10/29/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/23/2014	<0.0018	
11/13/2014	<0.0018	
5/23/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/4/2016	<0.0018	
4/5/2017	<0.0018	
10/4/2017	<0.0018	
3/20/2018	<0.0018	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/10/2019	0.00065 (J)	
3/18/2020	0.00056 (J)	
9/9/2020	0.00047 (J)	
4/1/2021		0.00073 (J)
8/18/2021		0.0017
2/15/2022		0.00052 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.0018	
6/16/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/27/2011	<0.0018	
5/4/2012	<0.0018	
11/11/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/21/2014	<0.0018	
11/12/2014	<0.0018	
5/23/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	0.00271	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/2/2018	0.0018 (J)	
3/27/2019	<0.0018	
9/11/2019	0.0016	
3/18/2020	0.0016	
9/9/2020	0.0021	
4/1/2021		0.0012
10/18/2021		0.002
2/15/2022		0.0022

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0018	
6/16/2010	<0.0018	
7/27/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/27/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/24/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/2/2018	<0.0018	
3/27/2019	<0.0018	
9/11/2019	0.00066 (J)	
3/18/2020	0.0005 (J)	
9/10/2020	0.0012	
4/1/2021		0.00065 (J)
8/11/2021		0.0006 (J)
2/16/2022		0.0007 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.0018	
6/18/2010	<0.0018	
7/27/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/23/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/5/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018 (D)	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/11/2019	0.00084 (J)	
3/18/2020	0.0006 (J)	
9/10/2020	0.00088 (J)	
4/1/2021		0.00065 (J)
8/11/2021		0.0008 (J)
2/16/2022		0.00076 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	<0.001	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	<0.001	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
10/7/2016	<0.001	
4/6/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00039 (J)	
3/18/2020	0.00061 (J)	
9/10/2020	0.00044 (J)	
4/6/2021		0.00053 (J)
8/11/2021		<0.001
2/16/2022		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0045 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00048 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	0.00064 (J)	
4/1/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/23/2015	0.01 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.0015	
3/19/2020	0.00047 (J)	
9/9/2020	0.00039 (J)	
4/5/2021		0.00047 (J)
8/11/2021		<0.001
2/16/2022		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0033 (O)	
6/19/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/28/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/22/2014	<0.0018	
11/13/2014	<0.0018	
5/24/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	0.00206 (J)	
10/4/2016	0.0023 (J)	
4/6/2017	<0.0018	
10/4/2017	0.0021 (J)	
3/20/2018	<0.0018	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/10/2019	0.0022	
3/18/2020	0.0016	
9/9/2020	0.0016	
4/1/2021		0.0022
8/12/2021		0.0028
2/15/2022		0.0018

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/27/2010	<0.0018	
9/7/2010	<0.0018	
4/29/2011	<0.0018	
10/28/2011	0.003 (J)	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/24/2015	0.0063 (O)	
11/10/2015	<0.0018	
4/12/2016	<0.0018	
10/5/2016	<0.0018	
4/6/2017	0.002 (J)	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
3/26/2019	<0.0018	
9/12/2019	0.00097 (J)	
3/19/2020	0.00098 (J)	
9/10/2020	0.00098 (J)	
4/5/2021		0.00048 (J)
8/11/2021		0.00056 (J)
2/16/2022		0.00055 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/28/2010	0.019 (O)	
9/7/2010	0.0093 (O)	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	0.0035 (J)	
5/10/2013	0.0081 (O)	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/22/2015	<0.0018	
11/10/2015	<0.0018	
4/12/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	0.0022 (J)	
10/3/2018	0.0018 (J)	
3/26/2019	<0.0018	
9/10/2019	0.0016	
3/18/2020	0.00091 (J)	
9/10/2020	0.0014	
4/6/2021		0.0018
8/12/2021		0.0029
2/15/2022		0.0013

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/28/2011	<0.0018	
10/29/2011	<0.0018	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/10/2013	<0.0018	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/22/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/6/2016	0.0021 (J)	
4/6/2017	<0.0018	
10/6/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
3/26/2019	0.0036	
9/10/2019	0.00079 (J)	
3/19/2020	0.00073 (J)	
9/10/2020	0.0013	
4/2/2021		0.0012
8/12/2021		0.00076 (J)
2/15/2022		0.00076 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0018	
6/18/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/24/2015	0.006 (O)	
11/11/2015	<0.0018	
4/19/2016	0.00268 (J)	
10/6/2016	<0.0018	
4/6/2017	0.0018 (J)	
10/5/2017	<0.0018	
3/22/2018	0.0019 (J)	
10/3/2018	<0.0018	
3/27/2019	<0.0018	
9/11/2019	0.0007 (J)	
3/18/2020	0.00068 (J)	
9/9/2020	0.00039 (J)	
4/1/2021		0.00042 (J)
8/12/2021		0.00061 (J)
2/15/2022		0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.0034	
6/18/2010	0.0046	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/30/2011	<0.0018	
10/29/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	0.0053	
5/9/2013	<0.0018	
11/7/2013	<0.0018	
5/21/2014	<0.0018	
11/9/2014	<0.0018	
5/24/2015	0.0047	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/6/2016	<0.0018	
4/6/2017	<0.0018	
10/6/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
3/26/2019	<0.0018	
9/11/2019	0.00099 (J)	
3/18/2020	0.00062 (J)	
9/10/2020	0.0009 (J)	
4/5/2021		0.00088 (J)
8/11/2021		0.00074 (J)
2/15/2022		0.00089 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0044	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
10/6/2016	<0.001	
4/7/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00046 (J)	
3/19/2020	<0.001	
9/10/2020	0.0007 (J)	
4/1/2021		0.00036 (J)
8/11/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0018	
6/19/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/30/2011	0.008 (O)	
10/27/2011	0.0044 (J)	
5/4/2012	0.0032 (J)	
11/11/2012	0.0069	
5/10/2013	0.0093 (O)	
11/7/2013	0.0033 (J)	
5/21/2014	<0.0018	
11/13/2014	0.0049 (J)	
5/23/2015	0.003 (J)	
11/11/2015	<0.0018	
4/19/2016	0.00247 (J)	
10/10/2016	<0.0018	
4/7/2017	0.0022 (J)	
10/9/2017	<0.0018	
3/22/2018	<0.0018	
10/4/2018	<0.0018	
3/27/2019	<0.0018	
9/11/2019	0.0013	
3/18/2020	0.0044	
9/9/2020	0.0036	
4/5/2021		0.0058
8/12/2021		0.0035
2/15/2022		0.0055

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
10/6/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00063 (J)	
3/18/2020	<0.001	
9/9/2020	0.00046 (J)	
4/1/2021		0.00058 (J)
8/12/2021		0.00045 (J)
2/15/2022		<0.001

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	0.00067 (J)	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	0.0043	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/29/2016	0.00024 (J)	
2/7/2017	<0.005	
4/4/2017	0.0017	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	0.0044	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	0.00027 (J)	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0053	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	0.00037 (J)	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (X)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/18/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	0.0043	
11/12/2015	0.0046	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/17/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.005	
11/12/2015	0.0042	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	0.00031 (J)	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	0.004	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0052	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/4/2016	<0.005	
12/1/2016	0.00025 (J)	
2/7/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0041	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/23/2015	<0.005	
11/10/2015	0.0044	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	0.0044	
11/11/2015	0.0045	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/6/2017	0.0023	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (X)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005 (D)	
6/20/2016	<0.005	
8/12/2016	0.00036 (J)	
10/5/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005 (X)	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021		<0.005
8/12/2021		<0.005
2/15/2022		0.0013 (J)

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.007	
4/12/2016	<0.005	
6/20/2016	0.00032 (J)	
8/12/2016	0.00035 (J)	
10/6/2016	0.00029 (J)	
11/30/2016	0.00026 (J)	
2/9/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	0.00031 (J)	
10/6/2017	<0.005	
3/21/2018	<0.005 (X)	
10/3/2018	0.00056 (J)	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.0053	
11/11/2015	0.0049	
4/13/2016	<0.005 (D)	
6/20/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/30/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/10/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0045	
11/11/2015	0.0043	
4/19/2016	<0.005	
10/10/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/21/2017	<0.005	
8/15/2017	<0.005	
9/1/2017	0.00044 (J)	
10/9/2017	<0.005	
3/22/2018	0.00032 (J)	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	0.0065	
4/13/2016	<0.005 (D)	
6/22/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (X)	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001 (D)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	0.00025 (J)	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0003	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00021 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00023 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00049 (J)	
9/9/2020	<0.001	
4/1/2021		0.00027 (J)
8/18/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/23/2015	<0.001	
11/10/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021		0.00032 (J)
8/11/2021		<0.001
2/16/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/22/2014	<0.001	
11/13/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00025 (J)	
9/9/2020	<0.001	
4/1/2021		<0.001
8/12/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/10/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00036 (J)	
9/10/2020	<0.001	
4/2/2021		<0.001
8/12/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/12/2021		0.00037 (J)
2/15/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021		0.0003 (J)
8/11/2021		0.0002 (J)
2/15/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	0.00027	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	0.00026	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00019 (J)	
4/1/2021		<0.001
8/11/2021		0.00043 (J)
2/15/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/30/2011	<0.001	
10/27/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/10/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021		0.00081 (J)
8/12/2021		0.00043 (J)
2/15/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/12/2021		0.00016 (J)
2/15/2022		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	0.0035 (J)	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	<0.001	
10/4/2016	0.0031	
4/4/2017	<0.001	
10/4/2017	0.0021 (J)	
3/20/2018	<0.001 (D)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0022	
3/18/2020	0.0011	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.0049 (J)	
6/16/2010	0.0054 (J)	
7/27/2010	0.0055 (J)	
9/7/2010	0.005 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0081 (J)	
5/2/2012	0.0059 (J)	
11/9/2012	0.0062 (J)	
5/8/2013	0.0079 (J)	
11/6/2013	0.0068 (J)	
5/20/2014	0.0074 (J)	
11/8/2014	0.0097 (J)	
5/22/2015	0.0085 (J)	
11/9/2015	<0.01	
4/6/2016	0.00726 (J)	
10/4/2016	0.013	
4/4/2017	0.0046	
10/5/2017	0.0071	
3/20/2018	0.0067	
10/2/2018	0.0069	
3/26/2019	0.007	
9/10/2019	0.01	
3/18/2020	0.0078	
9/9/2020	0.0072	
4/1/2021		0.0078
8/11/2021		0.0082
2/15/2022		0.0077

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	0.0024 (J)	
6/16/2010	0.002 (J)	
7/26/2010	<0.01	
9/7/2010	0.0026 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	<0.01	
5/2/2012	0.003 (J)	
11/9/2012	0.0081 (J)	
5/8/2013	<0.01	
11/6/2013	0.0032 (J)	
5/20/2014	0.0036 (J)	
11/8/2014	0.0065 (J)	
5/22/2015	<0.01	
11/9/2015	0.0047 (J)	
4/6/2016	0.00424 (J)	
10/5/2016	0.0049	
4/4/2017	0.0048	
10/5/2017	0.0024 (J)	
3/20/2018	0.0041	
10/2/2018	0.004	
3/26/2019	0.0051	
9/10/2019	0.0091	
3/18/2020	0.0051	
9/9/2020	0.0053	
4/1/2021		0.005
8/11/2021		0.0055
2/15/2022		0.0052

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	0.012	
6/17/2010	0.0082 (J)	
7/27/2010	0.0096 (J)	
9/9/2010	0.0098 (J)	
4/28/2011	0.0085 (J)	
10/29/2011	0.011	
5/3/2012	0.013	
11/9/2012	0.013	
5/9/2013	0.012	
11/5/2013	0.015	
5/23/2014	0.015	
11/13/2014	0.02	
5/23/2015	0.018	
11/11/2015	0.018	
4/12/2016	0.0173	
10/4/2016	0.021	
4/5/2017	0.017	
10/4/2017	0.02	
3/20/2018	0.016	
10/2/2018	0.017	
3/26/2019	0.017	
9/10/2019	0.02	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021		0.019
8/18/2021		0.018
2/15/2022		0.018

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.01	
7/28/2010	0.011	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.014	
5/4/2012	0.0096 (J)	
11/11/2012	0.011	
5/9/2013	0.011	
11/5/2013	0.013	
5/21/2014	0.012	
11/12/2014	0.016	
5/23/2015	0.011	
11/12/2015	0.0053 (J)	
4/13/2016	0.0124 (D)	
10/5/2016	0.013	
4/6/2017	0.013	
10/5/2017	0.015	
3/21/2018	0.012	
10/2/2018	0.012	
3/27/2019	0.012	
9/11/2019	0.017	
3/18/2020	0.013	
9/9/2020	0.012	
4/1/2021		0.013
10/18/2021		0.013
2/15/2022		0.012

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	0.009 (J)	
6/16/2010	0.0089 (J)	
7/27/2010	0.0089 (J)	
9/8/2010	0.009 (J)	
4/29/2011	0.0082 (J)	
10/27/2011	0.009 (J)	
5/4/2012	0.0091 (J)	
11/10/2012	0.0096 (J)	
5/9/2013	0.01	
11/6/2013	0.01	
5/20/2014	0.011	
11/12/2014	0.012	
5/24/2015	0.012	
11/12/2015	<0.01	
4/13/2016	0.00976 (JD)	
10/5/2016	0.013	
4/6/2017	0.011	
10/5/2017	0.013	
3/21/2018	0.0098	
10/2/2018	0.01	
3/27/2019	0.012	
9/11/2019	0.015	
3/18/2020	0.011	
9/10/2020	0.01	
4/1/2021		0.011
8/11/2021		0.011
2/16/2022		0.0099

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	0.0032 (J)	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	0.0022 (J)	
3/21/2018	<0.0014 (JX)	
10/2/2018	<0.001	
3/26/2019	0.0029	
9/11/2019	0.0052	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.0014	
6/18/2010	<0.0014	
7/29/2010	<0.0014	
9/9/2010	<0.0014	
4/26/2011	<0.0014	
10/28/2011	<0.0014	
5/4/2012	<0.0014	
11/11/2012	<0.0014	
5/8/2013	0.0039 (J)	
11/7/2013	<0.0014	
5/20/2014	<0.0014	
11/12/2014	0.004 (J)	
5/24/2015	<0.0014	
11/12/2015	<0.0014	
4/13/2016	<0.0014 (D)	
10/7/2016	<0.0014	
4/6/2017	<0.0014	
10/6/2017	0.0032	
3/22/2018	<0.0014	
10/3/2018	<0.0014	
3/26/2019	0.0041	
9/11/2019	0.0062	
3/18/2020	0.001	
9/10/2020	0.0011	
4/6/2021		0.0028
8/11/2021		0.0013
2/16/2022		0.0011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
10/4/2016	0.0026	
4/6/2017	<0.001	
10/5/2017	0.0024 (J)	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	0.0034	
9/11/2019	0.0062	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		0.0013
8/11/2021		0.0012
2/16/2022		0.00091 (J)

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	0.0052 (J)	
6/16/2010	0.0059 (J)	
7/26/2010	0.0052 (J)	
9/7/2010	0.0056 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0048 (J)	
5/2/2012	0.0057 (J)	
11/9/2012	0.0057 (J)	
5/8/2013	0.0069 (J)	
11/6/2013	0.0052 (J)	
5/23/2014	0.0081 (J)	
11/8/2014	0.01	
5/22/2015	0.0052 (J)	
11/10/2015	<0.01	
4/11/2016	0.00604 (J)	
10/5/2016	0.0075	
4/6/2017	0.0065	
10/5/2017	0.0052	
3/20/2018	0.0064	
10/2/2018	0.0064	
3/26/2019	0.0094	
9/11/2019	0.011	
3/18/2020	0.0075	
9/9/2020	0.007	
4/1/2021		0.0081
8/11/2021		0.008
2/16/2022		0.0066

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	0.0064 (J)	
6/16/2010	0.0061 (J)	
7/27/2010	0.006 (J)	
9/7/2010	0.0066 (J)	
4/29/2011	0.0066 (J)	
10/28/2011	0.0057 (J)	
5/2/2012	0.006 (J)	
11/9/2012	0.0073 (J)	
5/9/2013	0.0069 (J)	
11/6/2013	0.0077 (J)	
5/22/2014	0.0075 (J)	
11/8/2014	0.0081 (J)	
5/23/2015	0.01	
11/10/2015	0.0033 (J)	
4/11/2016	0.00756 (J)	
10/5/2016	0.0084	
4/5/2017	0.0086	
10/5/2017	0.0062	
3/20/2018	0.0072	
10/2/2018	0.0073	
3/26/2019	0.0094	
9/12/2019	0.0083	
3/19/2020	0.008	
9/9/2020	0.0071	
4/5/2021		0.0068
8/11/2021		0.0076
2/16/2022		0.0068

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0078 (J)	
6/19/2010	<0.01	
7/27/2010	0.0096 (J)	
9/9/2010	0.0095 (J)	
4/28/2011	0.01	
10/28/2011	0.014	
5/3/2012	0.013	
11/9/2012	0.012	
5/9/2013	0.012	
11/5/2013	0.014	
5/22/2014	0.013	
11/13/2014	0.016	
5/24/2015	0.014	
11/11/2015	0.014	
4/12/2016	0.0155	
10/4/2016	0.017	
4/6/2017	0.015	
10/4/2017	0.015	
3/20/2018	0.014	
10/2/2018	0.015	
3/26/2019	0.016	
9/10/2019	0.018	
3/18/2020	0.016	
9/9/2020	0.014	
4/1/2021		0.014
8/12/2021		0.016
2/15/2022		0.016

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.014	
6/17/2010	0.014	
7/27/2010	0.016	
9/7/2010	0.017	
4/29/2011	0.015	
10/28/2011	0.016	
5/3/2012	0.016	
11/10/2012	0.018	
5/9/2013	0.019	
11/6/2013	0.019	
5/22/2014	0.018	
11/9/2014	0.02	
5/24/2015	0.016	
11/10/2015	0.01	
4/12/2016	0.019	
10/5/2016	<0.016	
4/6/2017	0.02	
10/5/2017	0.02	
3/21/2018	0.021	
10/3/2018	0.017	
3/26/2019	0.018	
9/12/2019	0.02	
3/19/2020	0.019	
9/10/2020	0.018	
4/5/2021		0.017
8/11/2021		0.019
2/16/2022		0.018

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.0046 (J)	
6/17/2010	0.0046 (J)	
7/28/2010	0.019 (O)	
9/7/2010	0.0072 (J)	
4/29/2011	0.0052 (J)	
10/28/2011	0.0059 (J)	
5/3/2012	0.0049 (J)	
11/9/2012	0.007 (J)	
5/10/2013	0.0094 (J)	
11/6/2013	0.0059 (J)	
5/22/2014	0.0057 (J)	
11/9/2014	0.0069 (J)	
5/22/2015	0.006 (J)	
11/10/2015	0.011	
4/12/2016	0.00503 (JD)	
10/5/2016	<0.0072	
4/6/2017	0.0056	
10/5/2017	0.0061	
3/21/2018	0.0097	
10/3/2018	0.0053	
3/26/2019	0.0076	
9/10/2019	0.0078	
3/18/2020	0.0051	
9/10/2020	0.0061	
4/6/2021		0.0075
8/12/2021		0.0087
2/15/2022		0.0064

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.0068 (J)	
6/17/2010	0.0079 (J)	
7/28/2010	0.0077 (J)	
9/8/2010	0.0077 (J)	
4/28/2011	0.0099 (J)	
10/29/2011	0.006 (J)	
5/3/2012	0.0084 (J)	
11/10/2012	0.0061 (J)	
5/10/2013	0.009 (J)	
11/6/2013	0.0089 (J)	
5/22/2014	0.0084 (J)	
11/9/2014	0.0076 (J)	
5/22/2015	0.011	
11/11/2015	0.0034 (J)	
4/12/2016	0.00654 (J)	
10/6/2016	<0.0086	
4/6/2017	0.0073	
10/6/2017	0.0087	
3/21/2018	0.0058	
10/3/2018	0.006	
3/26/2019	0.011	
9/10/2019	0.0086	
3/19/2020	0.0065	
9/10/2020	0.0068	
4/2/2021		0.0081
8/12/2021		0.007
2/15/2022		0.0059

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	0.0038 (J)	
6/18/2010	0.0044 (J)	
7/27/2010	0.0054 (J)	
9/9/2010	0.0053 (J)	
4/29/2011	0.0039 (J)	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0035 (J)	
5/9/2013	0.004 (J)	
11/6/2013	0.0034 (J)	
5/22/2014	0.0047 (J)	
11/9/2014	0.0067 (J)	
5/24/2015	0.0033 (J)	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	0.0018 (J)	
10/5/2017	<0.0025	
3/22/2018	0.0018 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.002 (J)	
9/11/2019	0.0047	
3/18/2020	0.002	
9/9/2020	0.002	
4/1/2021		0.0027
8/12/2021		0.0021
2/15/2022		0.0026

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.0055	
6/18/2010	0.0071 (J)	
7/27/2010	0.0085 (J)	
9/9/2010	0.0088 (J)	
4/30/2011	0.0094 (J)	
10/29/2011	0.009 (J)	
5/4/2012	0.0084 (J)	
11/10/2012	0.0089 (J)	
5/9/2013	0.0071 (J)	
11/7/2013	0.0094 (J)	
5/21/2014	0.0082 (J)	
11/9/2014	0.013	
5/24/2015	0.009 (J)	
11/11/2015	0.0052	
4/12/2016	0.00896 (J)	
10/6/2016	<0.009	
4/6/2017	0.0089	
10/6/2017	0.011	
3/21/2018	0.0077	
10/3/2018	0.0081	
3/26/2019	0.012	
9/11/2019	0.012	
3/18/2020	0.0099	
9/10/2020	0.0094	
4/5/2021		0.0091
8/11/2021		0.0099
2/15/2022		0.0094

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.011	
6/18/2010	0.017	
7/28/2010	0.012	
9/9/2010	0.013	
4/30/2011	0.012	
10/29/2011	0.013	
5/4/2012	0.012	
11/10/2012	0.012	
5/9/2013	0.013	
11/7/2013	0.014	
5/21/2014	0.013	
11/12/2014	0.015	
5/24/2015	0.015	
11/11/2015	0.0055 (J)	
4/13/2016	0.0127 (D)	
10/6/2016	<0.012	
4/7/2017	0.013	
10/6/2017	0.015	
3/22/2018	0.012	
10/4/2018	0.012	
3/27/2019	0.013	
9/11/2019	0.015	
3/19/2020	0.014	
9/10/2020	0.014	
4/1/2021		0.014
8/11/2021		0.013
2/15/2022		0.013

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	0.013	
6/19/2010	0.0075 (J)	
7/28/2010	0.01	
9/8/2010	0.038	
4/30/2011	0.053 (O)	
10/27/2011	0.016	
5/4/2012	0.018	
11/11/2012	0.025	
5/10/2013	0.09 (O)	
11/7/2013	0.02	
5/21/2014	0.016	
11/13/2014	0.065 (O)	
5/23/2015	0.032	
11/11/2015	0.033	
4/19/2016	0.0233	
10/10/2016	0.019 (D)	
4/7/2017	0.0044	
10/9/2017	0.0047	
3/22/2018	0.0043	
10/4/2018	<0.001	
3/27/2019	0.003	
9/11/2019	0.0042	
3/18/2020	0.0031	
9/9/2020	<0.001	
4/5/2021		0.0023
8/12/2021		<0.001
2/15/2022		0.00079 (J)

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	0.0097 (J)	
6/16/2010	0.01	
7/27/2010	0.012	
9/8/2010	0.013	
4/29/2011	0.0097 (J)	
10/27/2011	0.015	
5/3/2012	0.017	
11/11/2012	0.017	
5/9/2013	0.014	
11/6/2013	0.019	
5/21/2014	0.016	
11/12/2014	0.022	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0144 (D)	
10/6/2016	<0.02	
4/6/2017	0.016	
10/5/2017	0.024	
3/21/2018	0.018	
10/2/2018	0.021	
3/27/2019	0.019	
9/11/2019	0.025	
3/18/2020	0.012	
9/9/2020	0.022	
4/1/2021		0.0095
8/12/2021		0.02
2/15/2022		0.017

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0047 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	0.00274 (J)	
10/5/2016	0.0073 (J)	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0084	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/5/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/18/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005 (D)	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
10/18/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00241 (JD)	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.007 (J)	
10/2/2018	0.022 (O)	
3/27/2019	<0.005	
9/11/2019	0.0072	
3/18/2020	<0.005	
9/10/2020	0.018	
4/1/2021		0.0034 (J)
8/11/2021		<0.005
2/16/2022		0.0034 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00409 (JD)	
10/5/2016	<0.005	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0065	
3/18/2020	0.005	
9/10/2020	0.0037 (J)	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		0.0032 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.005	
6/18/2010	<0.005	
7/29/2010	<0.005	
9/9/2010	<0.005	
4/26/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/8/2013	<0.005	
11/7/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00289 (JD)	
10/7/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	0.0071 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0085	
3/18/2020	0.0052	
9/10/2020	0.0038 (J)	
4/6/2021		0.004 (J)
8/11/2021		<0.005
2/16/2022		0.004 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005 (D)	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0077	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/23/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	0.0085 (O)	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0059	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		0.01
8/12/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0065	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/5/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.018 (O)	
6/17/2010	<0.005	
7/28/2010	0.016 (O)	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005 (D)	
10/5/2016	0.01 (O)	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0069	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/12/2021		0.0035 (J)
2/15/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	0.00203 (J)	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0089 (J)	
4/19/2016	0.0133 (O)	
10/6/2016	<0.005	
4/6/2017	0.0087 (J)	
10/5/2017	0.0078 (J)	
3/22/2018	0.0086 (J)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/18/2020	0.0045 (J)	
9/9/2020	<0.005	
4/1/2021		<0.005
8/12/2021		0.0034 (J)
2/15/2022		0.0034 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0062	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005 (D)	
10/6/2016	<0.005	
4/7/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		0.0037 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	0.0081 (J)	
7/28/2010	0.017 (J)	
9/8/2010	0.085	
4/30/2011	0.13 (O)	
10/27/2011	0.03	
5/4/2012	0.029	
11/11/2012	0.046	
5/10/2013	0.23 (O)	
11/7/2013	0.028	
5/21/2014	0.015 (J)	
11/13/2014	0.13 (O)	
5/23/2015	0.059	
11/11/2015	0.079	
4/19/2016	0.0218	
10/10/2016	0.013 (J)	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0052	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005 (D)	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0037 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005

FIGURE E.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-8A	45.47	n/a	2/15/2022	49	Yes	10	25.9	6.402	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWA-15	6.3	n/a	2/15/2022	6.5	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-10	4.3	n/a	2/15/2022	4.6	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-7	2.5	n/a	2/15/2022	2.7	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Fluoride (mg/L)	GWC-1	0.1091	n/a	2/15/2022	0.12	Yes	15	0.006016	0.00223	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-5	0.082	n/a	2/15/2022	0.16	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
pH (S.U.)	GWC-1	6.745	6.3	2/15/2022	6.83	Yes	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-18	6.46	6.164	2/16/2022	6.54	Yes	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-20	6.664	6.342	2/16/2022	6.71	Yes	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-5	6.158	5.348	2/15/2022	6.16	Yes	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-1	1	n/a	2/15/2022	1.5	Yes	15	n/a	n/a	40	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Sulfate (mg/L)	GWC-10	1.475	n/a	2/15/2022	3.5	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-4	6.288	n/a	2/15/2022	20	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-17	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	2/16/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.6172	n/a	2/15/2022	0.19	No	15	0.3445	0.1034	6.667	None	No	0.0004426	Param Intra 1 of 2	
Boron (mg/L)	GWC-6	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3262	n/a	2/15/2022	0.13	No	14	0.1846	0.05242	0	None	No	0.0004426	Param Intra 1 of 2	
Boron (mg/L)	GWC-9	0.1305	n/a	2/15/2022	0.07J	No	15	0.08718	0.0164	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWA-15	5.463	n/a	2/15/2022	3.6	No	15	4.215	0.4731	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWA-16	14.38	n/a	2/15/2022	10	No	15	11.59	1.055	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWA-17	8.711	n/a	2/15/2022	7.1	No	15	6.639	0.7855	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-1	20.62	n/a	2/15/2022	16	No	15	17.13	1.326	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-10	21.64	n/a	2/15/2022	17	No	15	16.8	1.835	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-11	15.09	n/a	2/16/2022	12	No	15	12.69	0.9098	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-12	1.581	n/a	2/16/2022	1.1	No	15	1.095	0.184	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-13	9.036	n/a	2/16/2022	6.7	No	15	1.862	0.08384	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-14	7.744	n/a	2/16/2022	6.3	No	15	6.446	0.4921	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-18	12.05	n/a	2/16/2022	9.7	No	15	10.29	0.6675	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-19	15.99	n/a	2/16/2022	15	No	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-2	20.61	n/a	2/15/2022	16	No	15	17.31	1.248	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-20	16.02	n/a	2/16/2022	13	No	15	13.43	0.9796	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-3	11.1	n/a	2/15/2022	6	No	15	7.961	1.19	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-4	16.56	n/a	2/15/2022	15	No	15	12.47	1.553	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-5	222.5	n/a	2/15/2022	36	No	15	107.3	43.67	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-6	21.67	n/a	2/15/2022	15	No	15	17.82	1.459	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-7	16.33	n/a	2/15/2022	13	No	15	14.12	0.8377	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-8A	45.47	n/a	2/15/2022	49	Yes	10	25.9	6.402	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-9	19.78	n/a	2/15/2022	16	No	15	17.05	1.037	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWA-15	6.3	n/a	2/15/2022	6.5	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWA-16	2.089	n/a	2/15/2022	1.6	No	15	1.646	0.1678	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWA-17	2.117	n/a	2/15/2022	1.4	No	15	1.566	0.2089	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-1	4.775	n/a	2/15/2022	4	No	15	3.841	0.354	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-10	4.3	n/a	2/15/2022	4.6	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-11	2.109	n/a	2/16/2022	1.7	No	15	1.772	0.1278	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-12	2.15	n/a	2/16/2022	1.9	No	15	1.753	0.1506	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-13	1.976	n/a	2/16/2022	1.5	No	15	1.548	0.1621	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-14	3.365	n/a	2/16/2022	3.2	No	15	2.894	0.1784	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-18	2.9	n/a	2/16/2022	2.7	No	15	2.515	0.1457	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-19	2.435	n/a	2/16/2022	2.4	No	15	1.338	0.08444	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-2	2.66	n/a	2/15/2022	2.2	No	15	2.123	0.2035	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-20	2.425	n/a	2/16/2022	2	No	15	7.311	2.638	6.667	None	x^3	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-3	4.015	n/a	2/15/2022	2.7	No	15	3.176	0.3181	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-4	15.93	n/a	2/15/2022	11	No	15	7.238	3.295	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-5	134.3	n/a	2/15/2022	16	No	14	60.62	27.28	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-6	9.041	n/a	2/15/2022	6.1	No	14	6.021	1.119	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-7	2.5	n/a	2/15/2022	2.7	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-8A	10.77	n/a	2/15/2022	9.1	No	14	2.006	0.1373	0	None	ln(x)	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-9	4.39	n/a	2/15/2022	3.7	No	15	3.523	0.3286	0	None	No	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWA-15	0.1	n/a	2/15/2022	0.054J	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-16	0.082	n/a	2/15/2022	0.079J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-17	0.082	n/a	2/15/2022	0.083J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-1	0.1091	n/a	2/15/2022	0.12	Yes	15	0.006016	0.00223	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-10	0.088	n/a	2/15/2022	0.099J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-11	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-12	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.1	n/a	2/16/2022	0.034J	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.1	n/a	2/16/2022	0.028J	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-2	0.082	n/a	2/15/2022	0.072J	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.091	n/a	2/15/2022	0.092J	No	15	n/a	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1466	n/a	2/15/2022	0.13	No	15	0.009818	0.004428	0	None	x^2	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-5	0.082	n/a	2/15/2022	0.16	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-6	0.082	n/a	2/15/2022	0.095J	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	2/15/2022	0.083J	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2241	n/a	2/15/2022	0.096J	No	14	0.1081	0.04297	0	None	No	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-9	0.096	n/a	2/15/2022	0.096J	No	15	n/a	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.761	5.24	2/15/2022	5.4	No	18	5.501	0.1037	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWA-16	6.563	6.191	2/15/2022	6.46	No	18	6.377	0.07404	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWA-17	6.338	5.628	2/15/2022	6.2	No	18	5.983	0.1415	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-1	6.745	6.3	2/15/2022	6.83	Yes	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-10	6.659	6.027	2/15/2022	6.48	No	18	6.343	0.1259	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-11	6.354	5.988	2/16/2022	6.16	No	17	6.171	0.07184	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-12	5.433	4.859	2/16/2022	5.11	No	18	5.146	0.1143	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-13	6.052	5.659	2/16/2022	5.79	No	19	6.960	466.8	0	None	x^5	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-14	5.903	5.332	2/16/2022	5.6	No	17	5.617	0.1122	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-18	6.46	6.164	2/16/2022	6.54	Yes	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-19	6.518	6.229	2/16/2022	6.47	No	17	6.374	0.05689	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-2	7	6.35	2/15/2022	6.61	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-20	6.664	6.342	2/16/2022	6.71	Yes	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-3	6.201	5.69	2/15/2022	5.87	No	18	5.946	0.1019	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-4	6.591	5.971	2/15/2022	6.37	No	18	39.54	1.551	0	None	x^2	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-5	6.158	5.348	2/15/2022	6.16	Yes	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-6	6.43	6.09	2/15/2022	6.1	No	18	n/a	n/a	0	n/a	n/a	0.01075	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-7	6.42	5.96	2/15/2022	6.22	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-8A	7.26	6.24	2/15/2022	6.34	No	21	n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-9	6.922	6.294	2/15/2022	6.61	No	18	6.608	0.1251	0	None	No	0.0002213	Param Intra 1 of 2	
Sulfate (mg/L)	GWA-15	3.1	n/a	2/15/2022	2.6	No	15	n/a	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	1	n/a	2/15/2022	1ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1	n/a	2/15/2022	1ND	No	15	n/a	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	2/15/2022	1.5	Yes	15	n/a	n/a	40	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Sulfate (mg/L)	GWC-10	1.475	n/a	2/15/2022	3.5	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-11	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.3	n/a	2/16/2022	1ND	No	14	n/a	n/a	n/a	64.29	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.2	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-2	1	n/a	2/15/2022	0.79J	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	2/15/2022	0.91J	No	15	n/a	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/15/2022	20	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-5	629.8	n/a	2/15/2022	100	No	14	315	116.6	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-6	17.41	n/a	2/15/2022	13	No	15	10.19	2.735	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-7	1	n/a	2/15/2022	1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	55.93	n/a	2/15/2022	11	No	14	30.76	9.32	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-9	16.91	n/a	2/15/2022	7.2	No	15	9.857	2.672	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-15	76.79	n/a	2/15/2022	42	No	15	35.07	15.82	13.33	None	No	0.0004426	Param Intra 1 of 2	

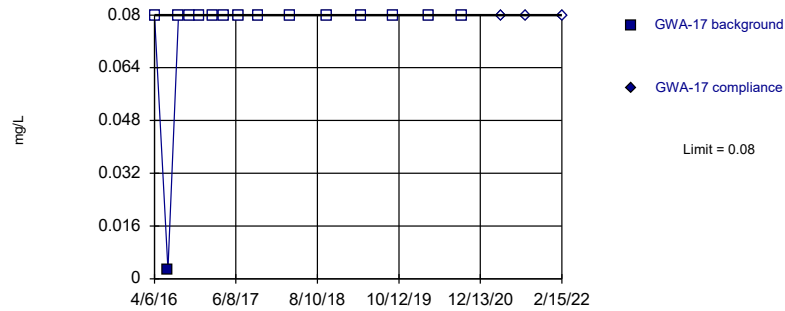
Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWA-16	153.2	n/a	2/15/2022	99	No	15	93.67	22.56	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWA-17	132.7	n/a	2/15/2022	79	No	15	66.53	25.08	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-1	164.7	n/a	2/15/2022	120	No	15	131.1	12.73	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-10	180.4	n/a	2/15/2022	150	No	14	127.6	19.55	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-11	293	n/a	2/16/2022	79	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality)	1 of 2
Total Dissolved Solids (mg/L)	GWC-12	94.94	n/a	2/16/2022	16	No	15	4.249	2.083	26.67	Kaplan-Meier	sqrt(x)	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-13	119.3	n/a	2/16/2022	55	No	14	58.14	22.64	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-14	103	n/a	2/16/2022	46	No	15	55	18.21	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-18	120.6	n/a	2/16/2022	70	No	15	84.33	13.75	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-19	164.4	n/a	2/16/2022	110	No	15	90.33	28.07	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-2	192.3	n/a	2/15/2022	120	No	15	116.2	28.83	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-20	146.1	n/a	2/16/2022	110	No	15	102.9	16.4	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-3	112.1	n/a	2/15/2022	53	No	15	79.13	12.48	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-4	166.6	n/a	2/15/2022	140	No	15	116.9	18.84	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-5	1654	n/a	2/15/2022	290	No	15	823.3	314.8	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-6	183.8	n/a	2/15/2022	140	No	15	144.8	14.77	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-7	155.6	n/a	2/15/2022	140	No	15	116.4	14.86	0	None	No	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-8A	404	n/a	2/15/2022	330	No	13	14.63	1.981	0	None	sqrt(x)	0.0004426	Param Intra	1 of 2
Total Dissolved Solids (mg/L)	GWC-9	205.7	n/a	2/15/2022	140	No	15	20532	8252	0	None	x^2	0.0004426	Param Intra	1 of 2

Within Limit

Prediction Limit
 Intrawell Non-parametric

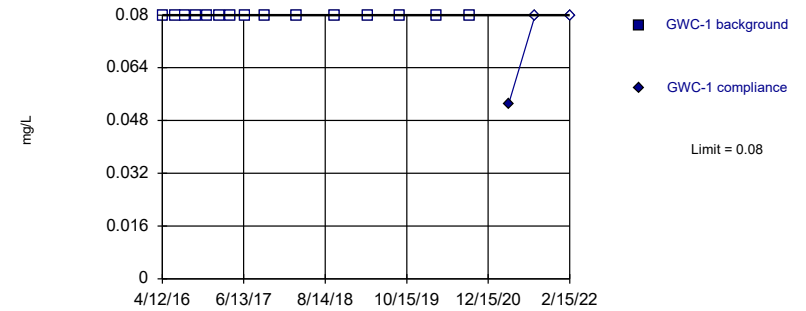


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

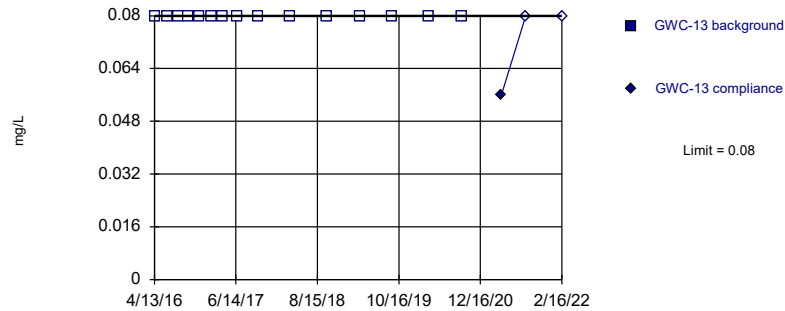


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

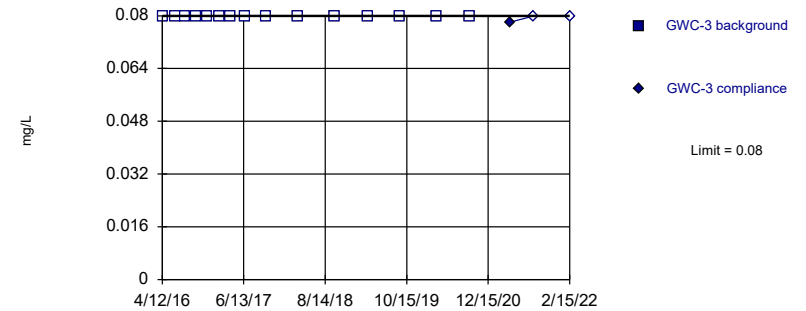


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

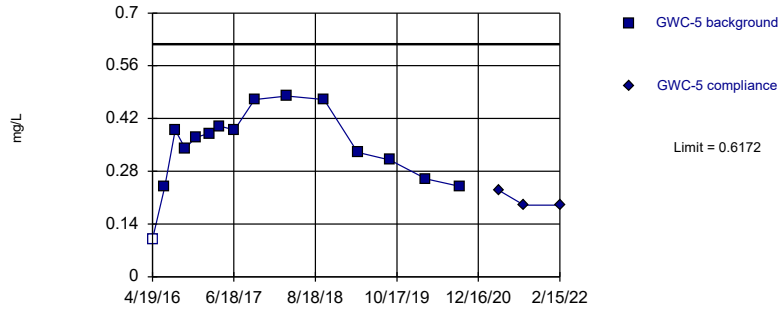


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

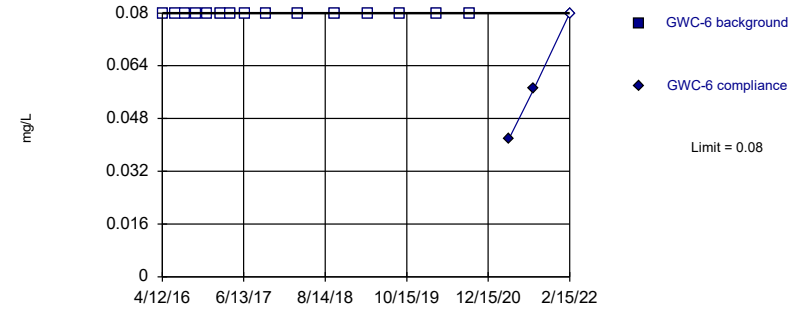


Background Data Summary: Mean=0.3445, Std. Dev.=0.1034, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9346, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

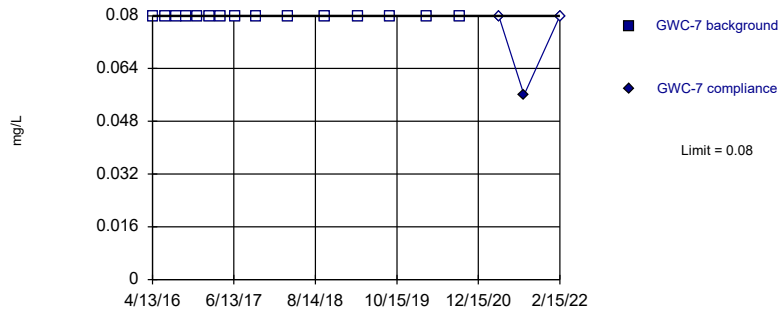


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

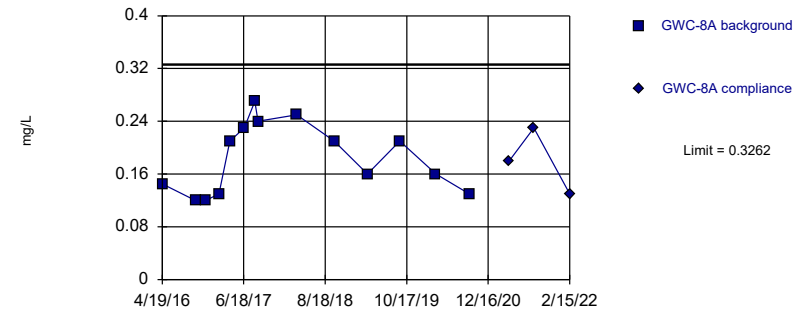


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

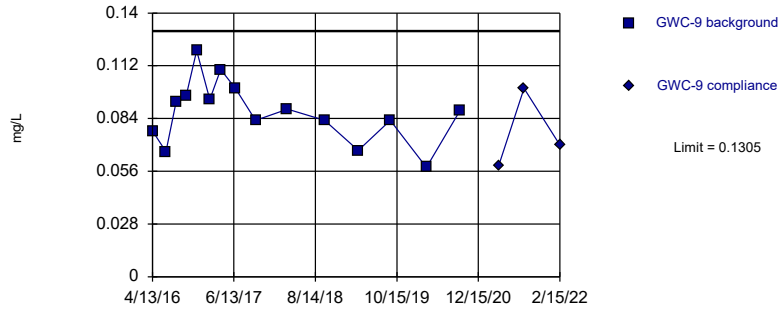


Background Data Summary: Mean=0.1846, Std. Dev.=0.05242, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9057, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

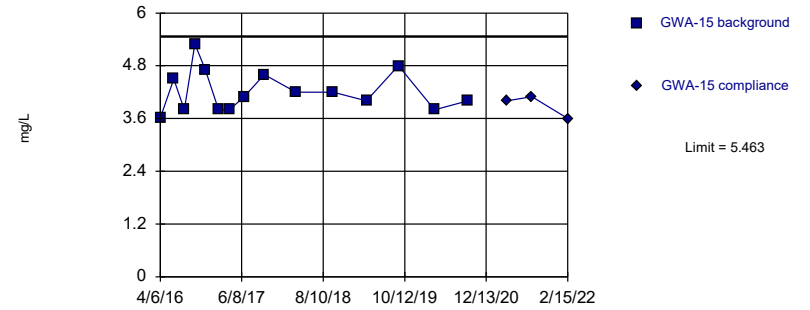


Background Data Summary: Mean=0.08718, Std. Dev.=0.0164, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9791, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

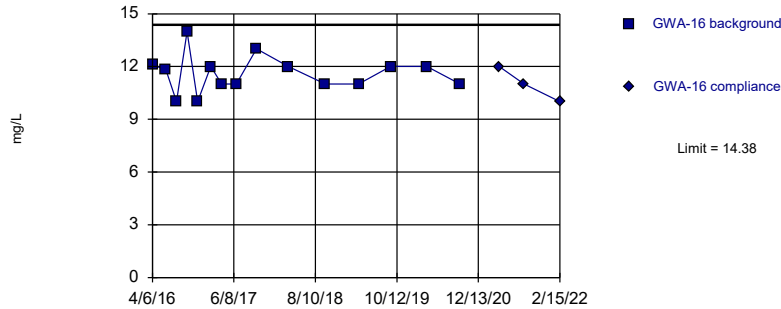


Background Data Summary: Mean=4.215, Std. Dev.=0.4731, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9133, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

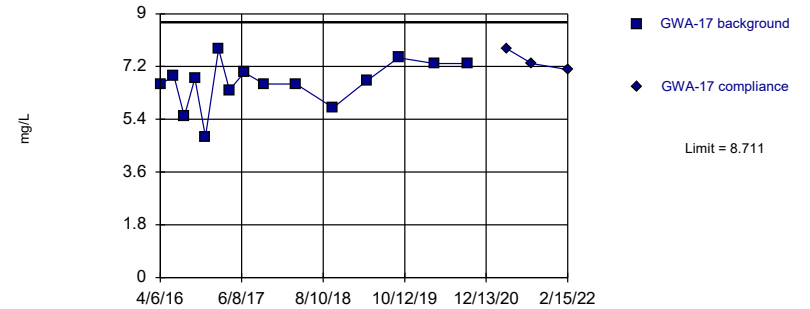


Background Data Summary: Mean=11.59, Std. Dev.=1.055, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.918, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

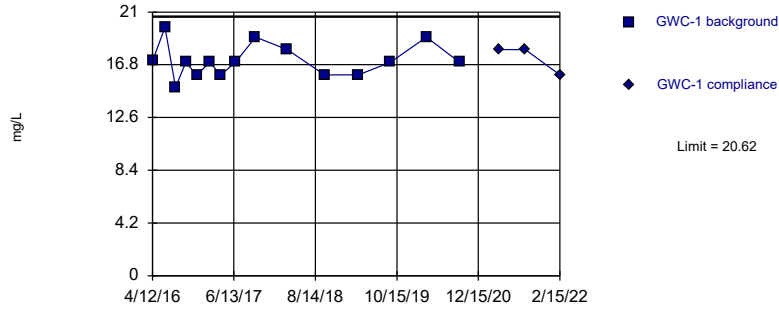


Background Data Summary: Mean=6.639, Std. Dev.=0.7855, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9346, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

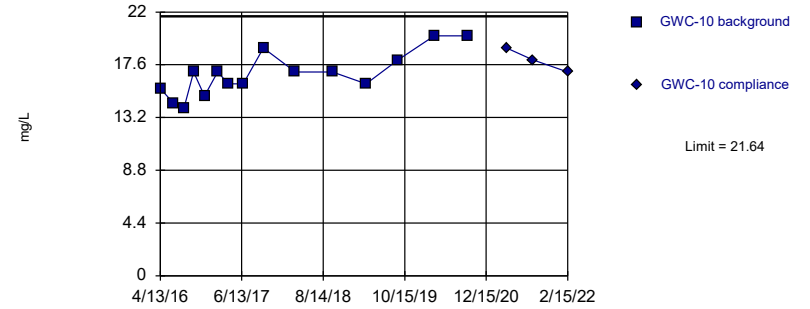


Background Data Summary: Mean=17.13, Std. Dev.=1.326, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

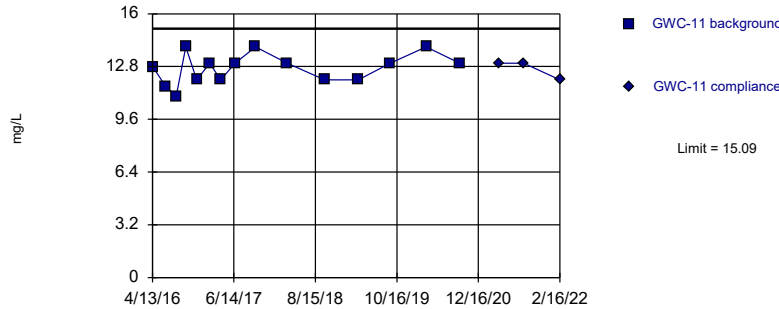


Background Data Summary: Mean=16.8, Std. Dev.=1.835, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9404, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

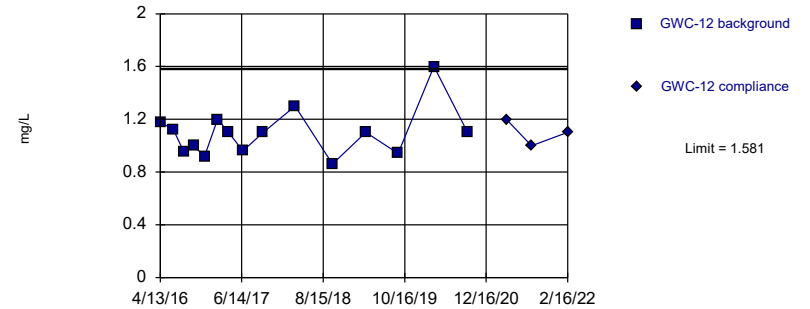


Background Data Summary: Mean=12.69, Std. Dev.=0.9098, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9154, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

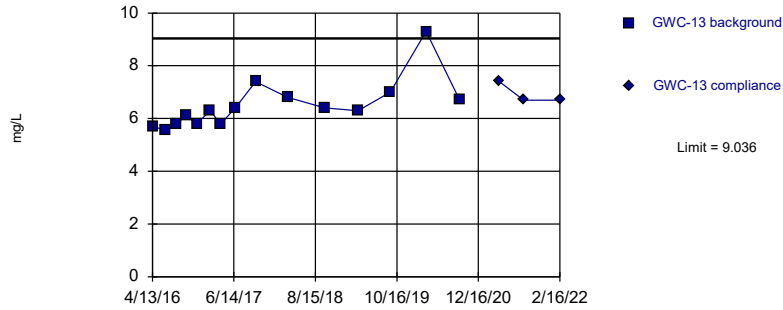


Background Data Summary: Mean=1.095, Std. Dev.=0.184, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.878, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

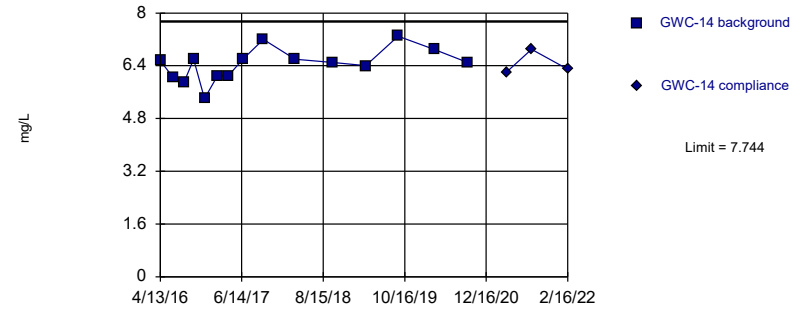


Background Data Summary (based on cube root transformation): Mean=1.862, Std. Dev.=0.08384, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8396, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

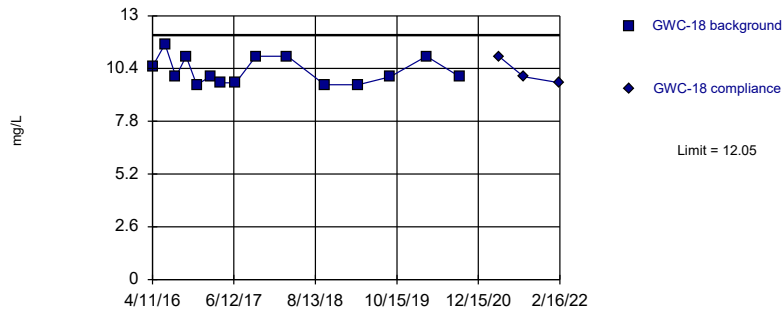


Background Data Summary: Mean=6.446, Std. Dev.=0.4921, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9601, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

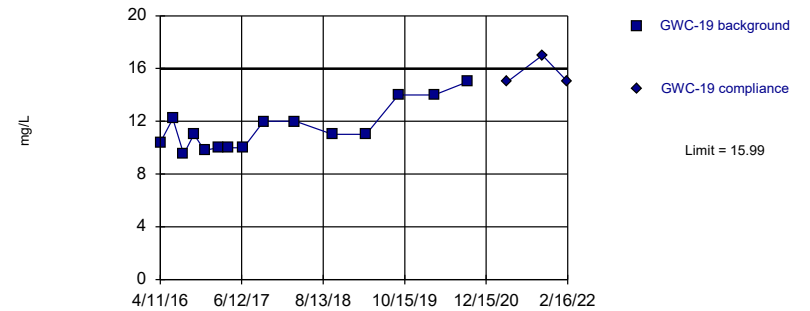


Background Data Summary: Mean=10.29, Std. Dev.=0.6675, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8527, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

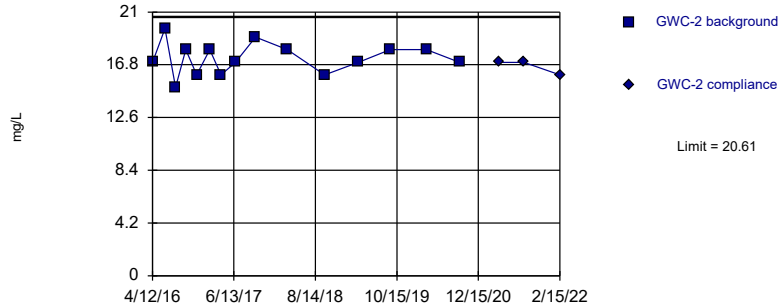


Background Data Summary: Mean=11.46, Std. Dev.=1.718, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.884, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

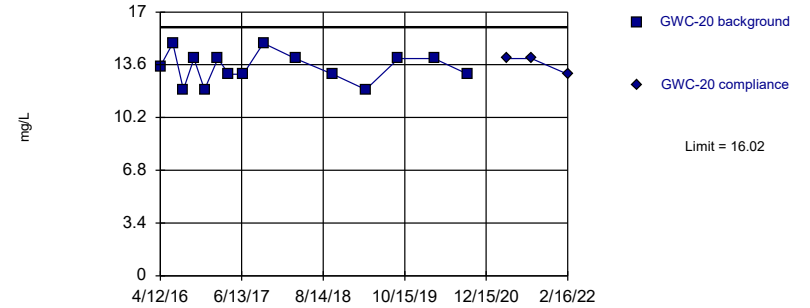


Background Data Summary: Mean=17.31, Std. Dev.=1.248, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9504, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

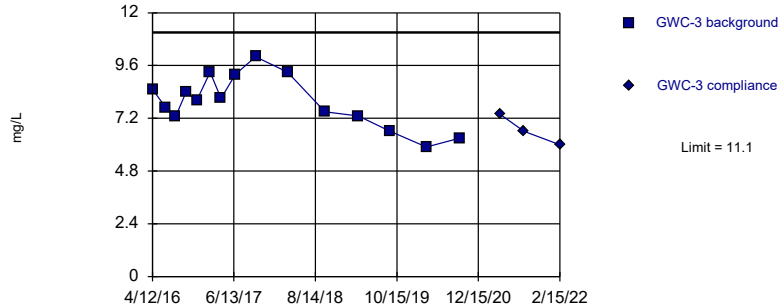


Background Data Summary: Mean=13.43, Std. Dev.=0.9796, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

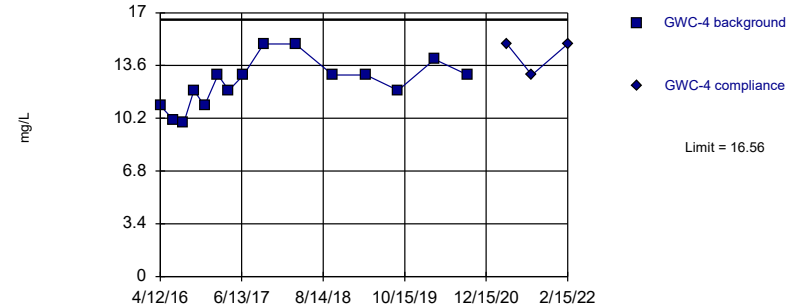


Background Data Summary: Mean=7.961, Std. Dev.=1.19, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9748, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

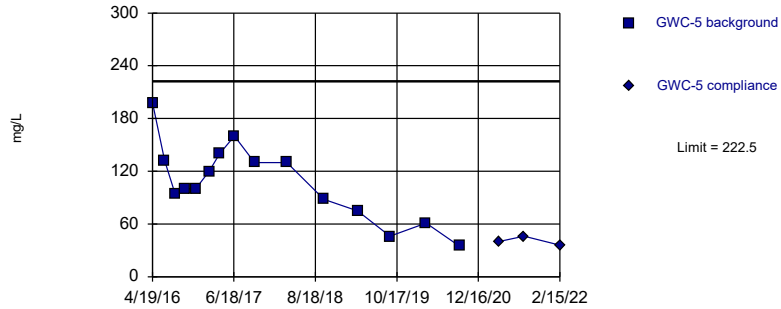


Background Data Summary: Mean=12.47, Std. Dev.=1.553, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

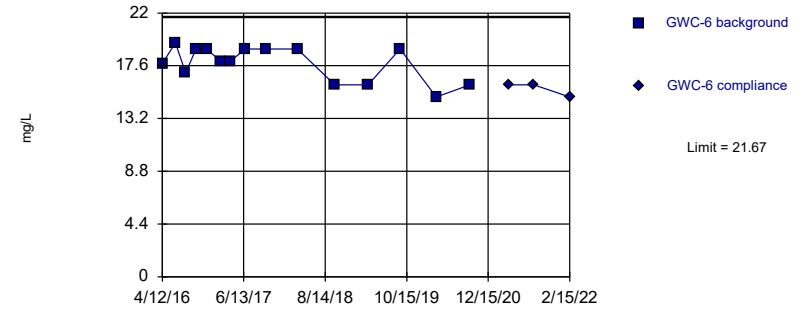


Background Data Summary: Mean=107.3, Std. Dev.=43.67, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.98, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

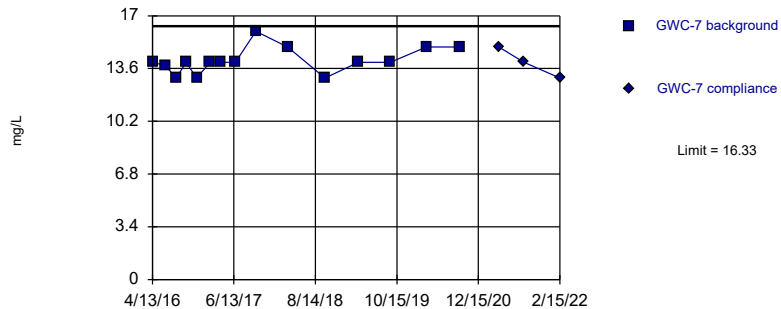


Background Data Summary: Mean=17.82, Std. Dev.=1.459, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8525, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

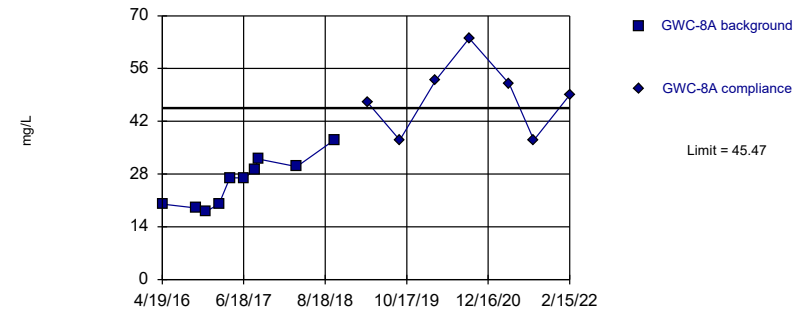


Background Data Summary: Mean=14.12, Std. Dev.=0.8377, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8742, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

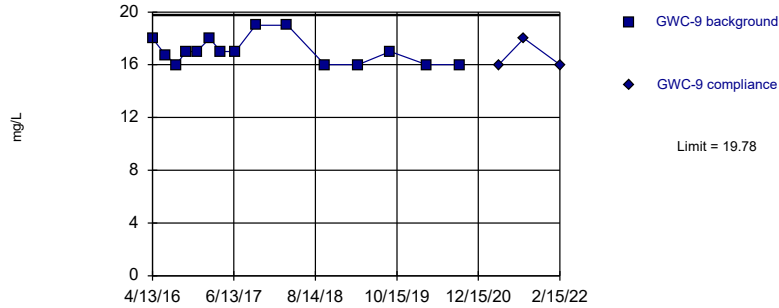


Background Data Summary: Mean=25.9, Std. Dev.=6.402, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9203, critical = 0.781. Kappa = 3.058 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

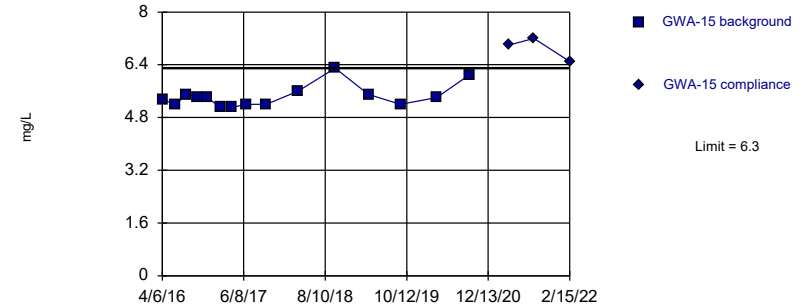


Background Data Summary: Mean=17.05, Std. Dev.=1.037, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8479, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

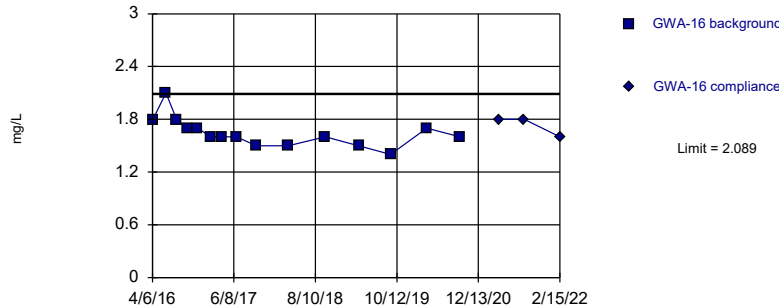


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

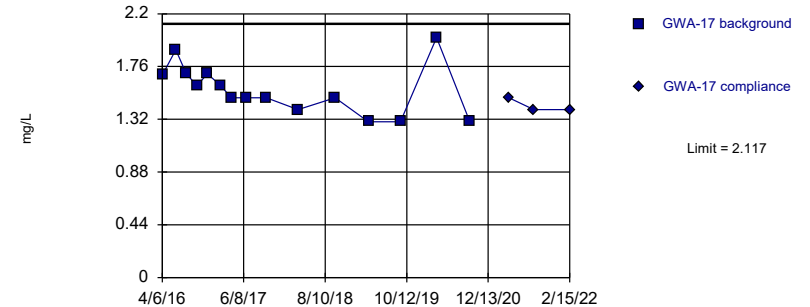


Background Data Summary: Mean=1.646, Std. Dev.=0.1678, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8884, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

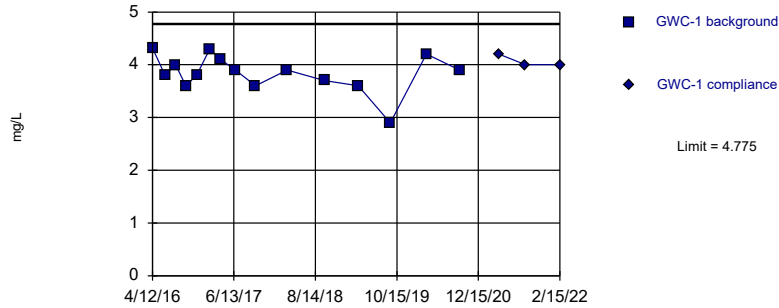


Background Data Summary: Mean=1.566, Std. Dev.=0.2089, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9304, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

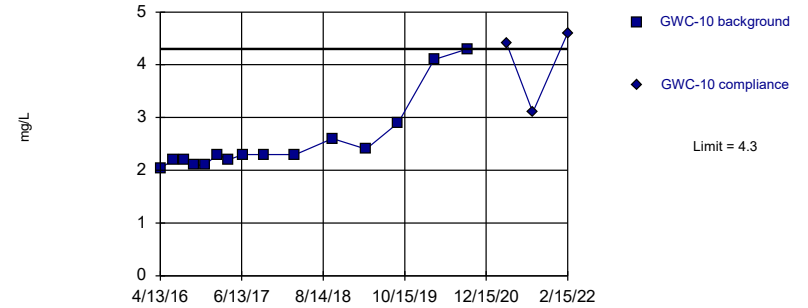


Background Data Summary: Mean=3.841, Std. Dev.=0.354, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9048, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

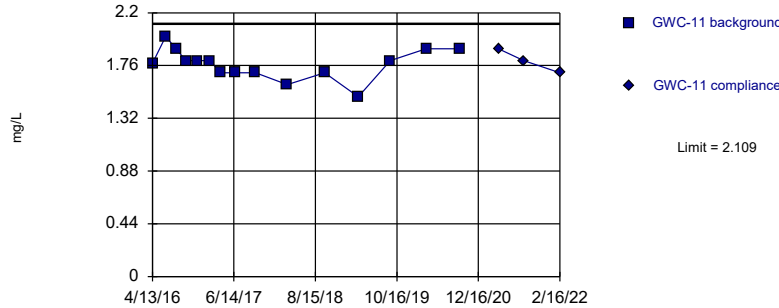


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

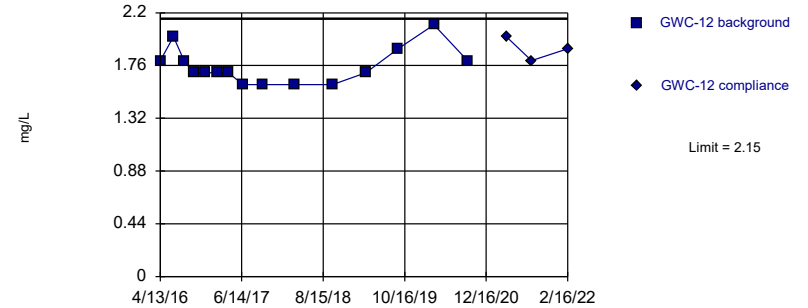


Background Data Summary: Mean=1.772, Std. Dev.=0.1278, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9552, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

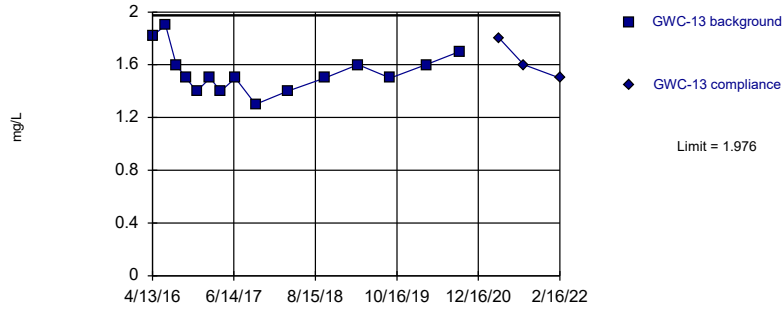


Background Data Summary: Mean=1.753, Std. Dev.=0.1506, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8668, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

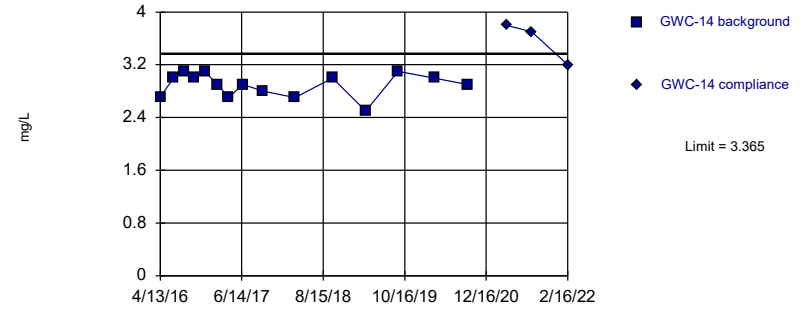


Background Data Summary: Mean=1.548, Std. Dev.=0.1621, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9227, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

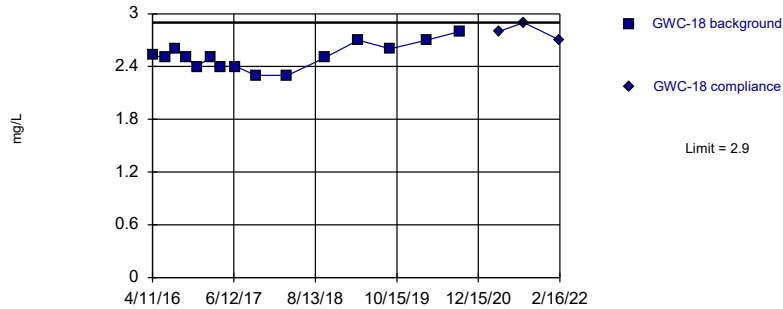


Background Data Summary: Mean=2.894, Std. Dev.=0.1784, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

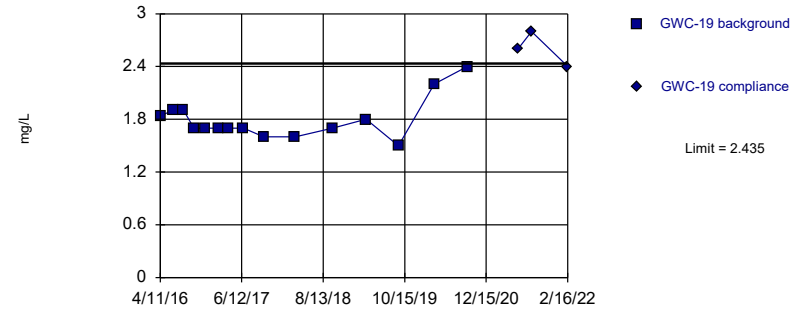


Background Data Summary: Mean=2.515, Std. Dev.=0.1457, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

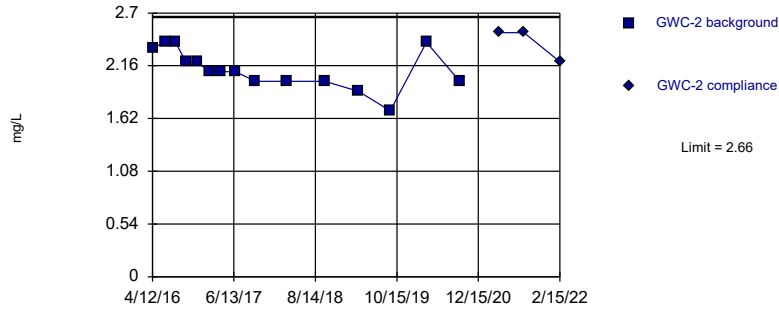


Background Data Summary (based on square root transformation): Mean=1.338, Std. Dev.=0.08444, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8543, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

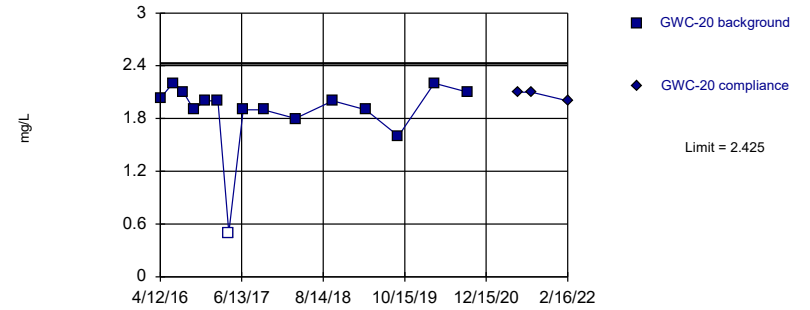


Background Data Summary: Mean=2.123, Std. Dev.=0.2035, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9293, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

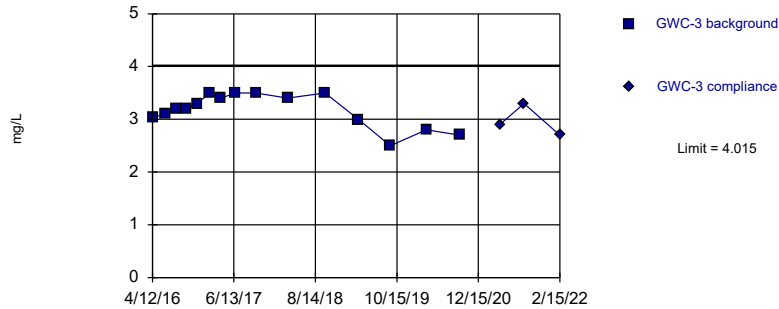


Background Data Summary (based on cube transformation): Mean=7.311, Std. Dev.=2.638, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8777, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

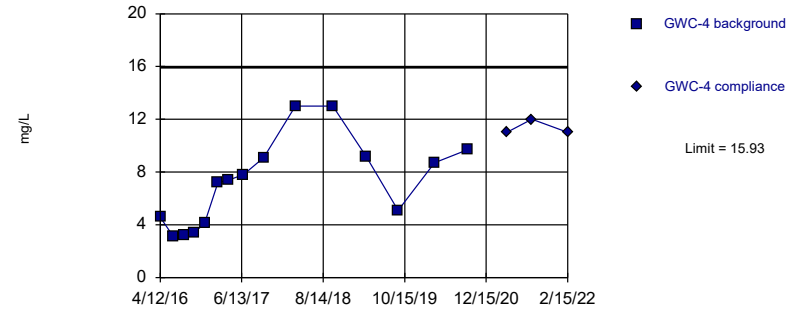


Background Data Summary: Mean=3.176, Std. Dev.=0.3181, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8971, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

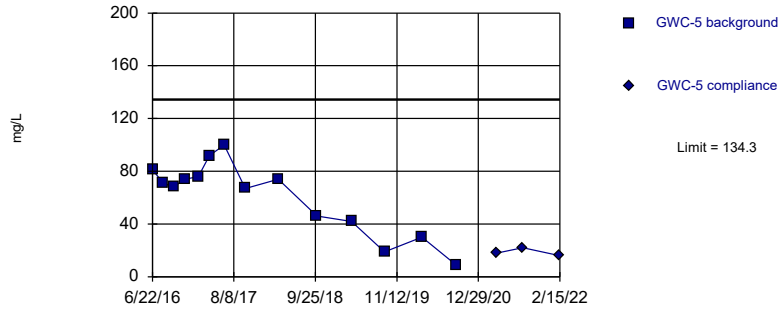
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=7.238, Std. Dev.=3.295, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.92, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

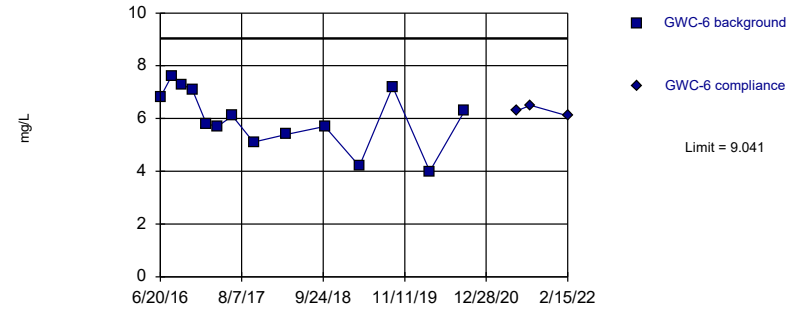
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=60.62, Std. Dev.=27.28, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9307, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

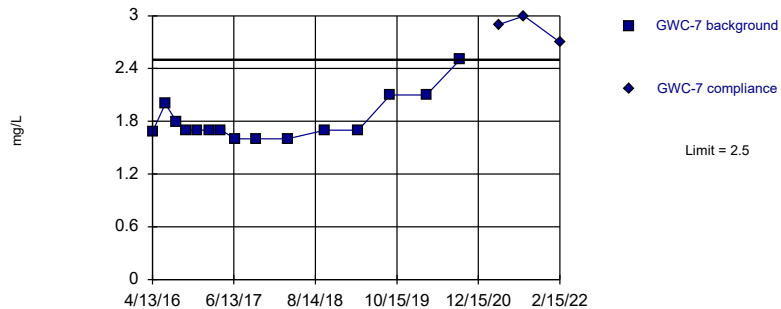
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.021, Std. Dev.=1.119, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9492, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

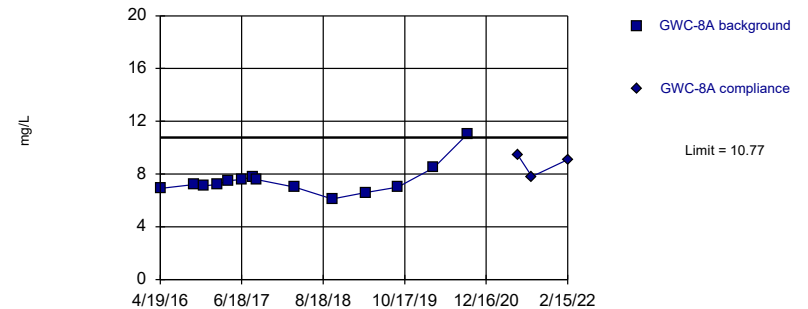
Exceeds Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit Prediction Limit
Intrawell Parametric

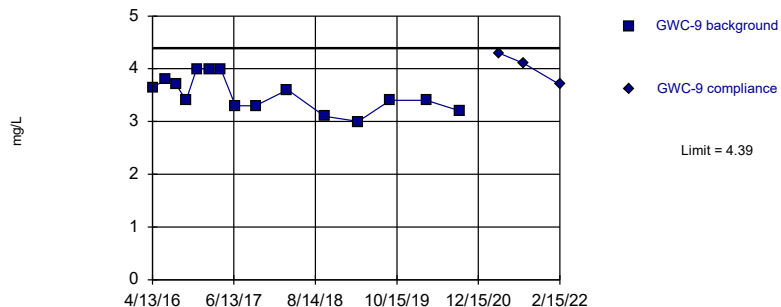


Background Data Summary (based on natural log transformation): Mean=2.006, Std. Dev.=0.1373, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8362, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

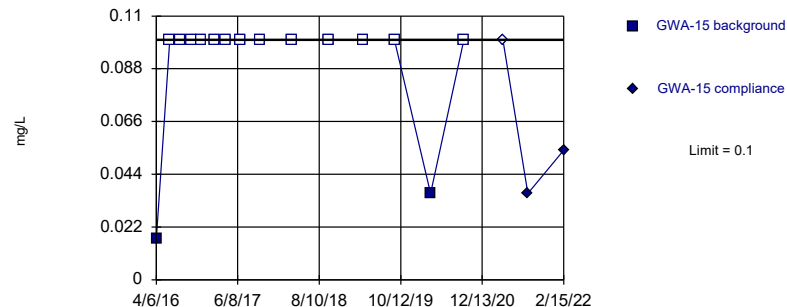


Background Data Summary: Mean=3.523, Std. Dev.=0.3286, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9365, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

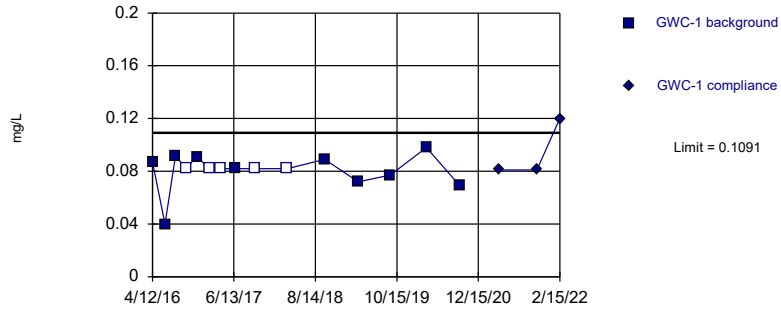
Within Limit

Prediction Limit Intrawell Non-parametric



Exceeds Limit

Prediction Limit
Intrawell Parametric

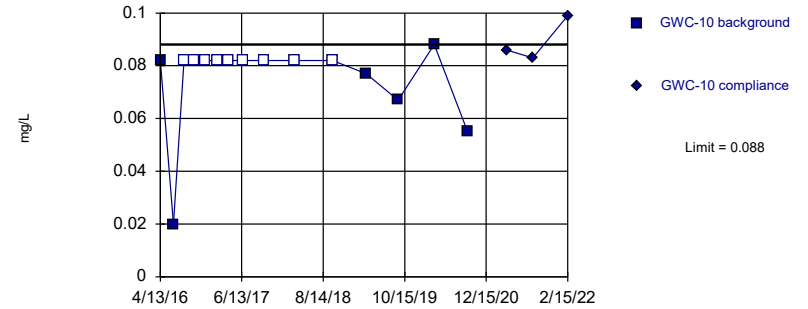


Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.006016, Std. Dev.=0.00223, n=15, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8926, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

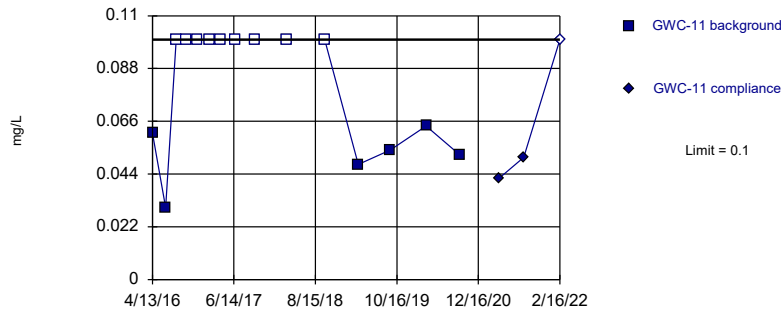


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

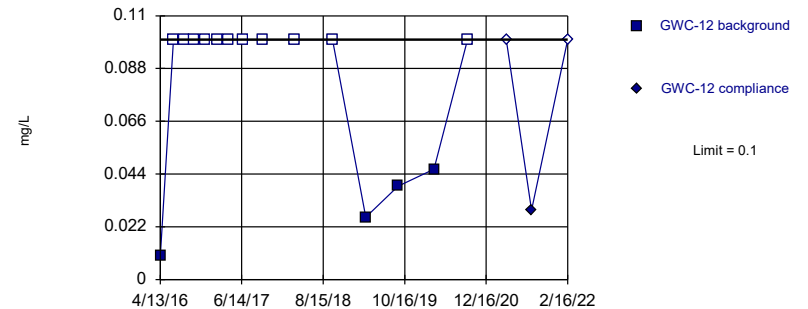


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

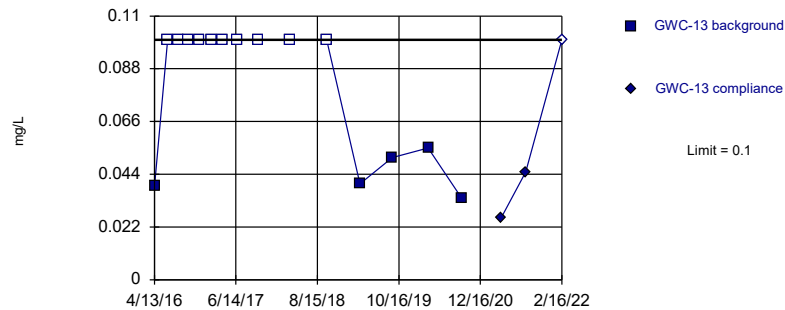


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

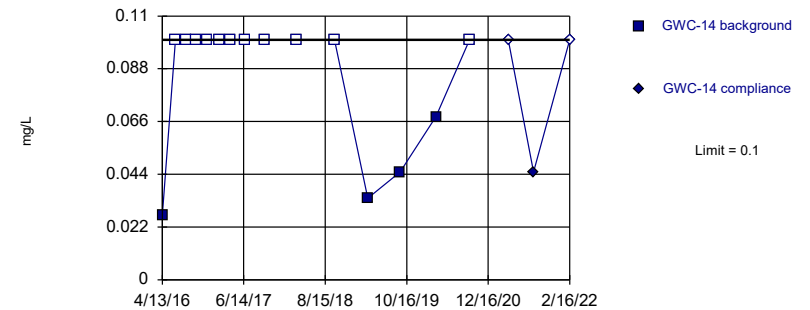


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

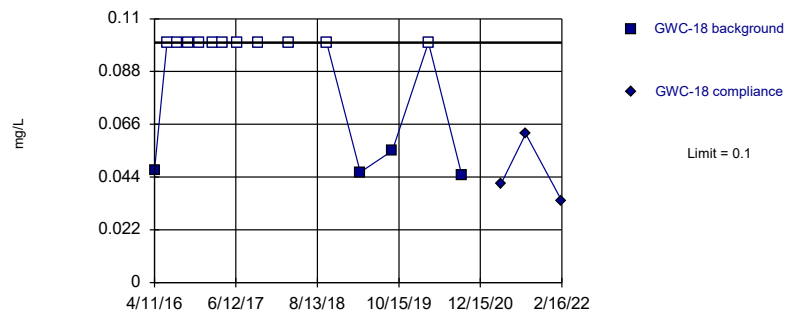


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

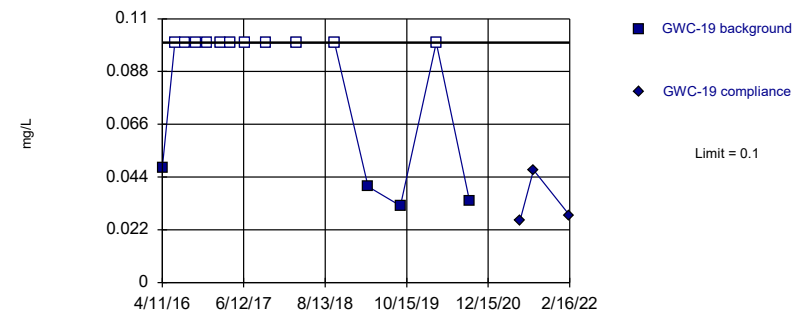


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

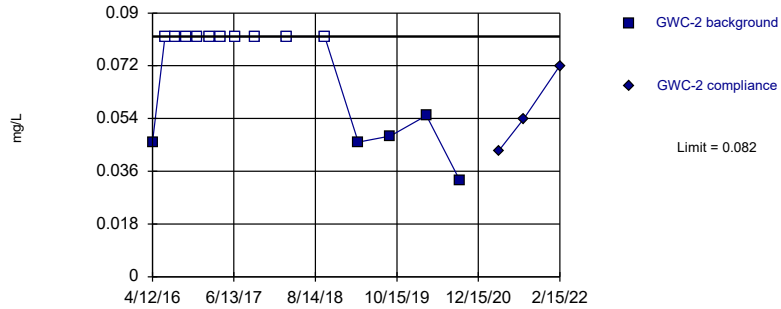


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

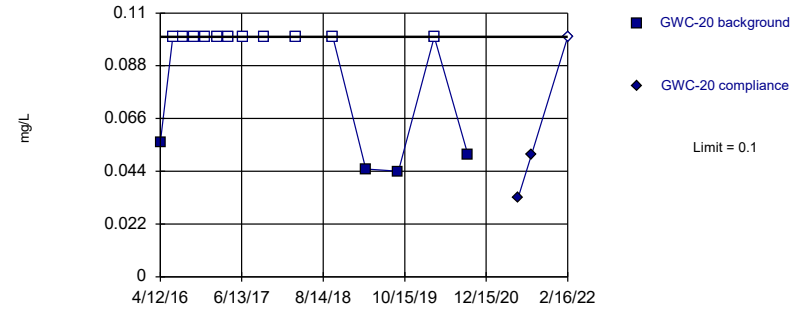


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

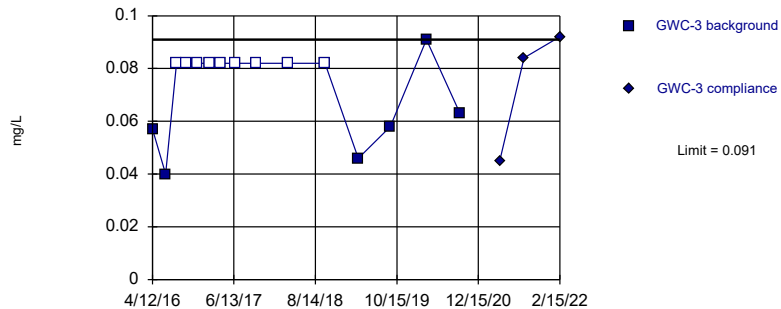


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

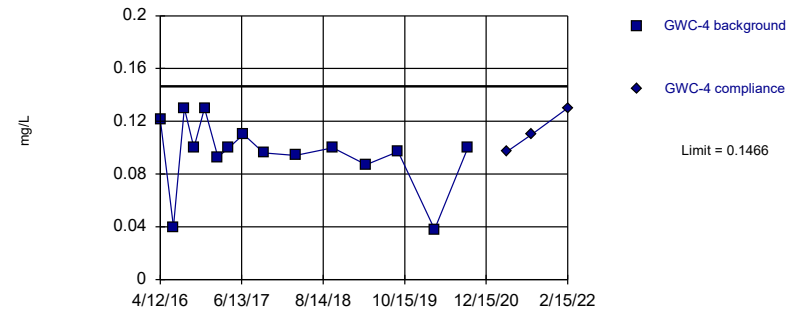


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

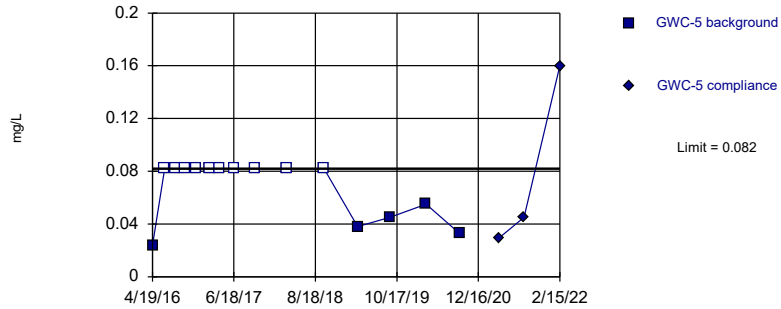


Background Data Summary (based on square transformation): Mean=0.009818, Std. Dev.=0.004428, n=15.
Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.896, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

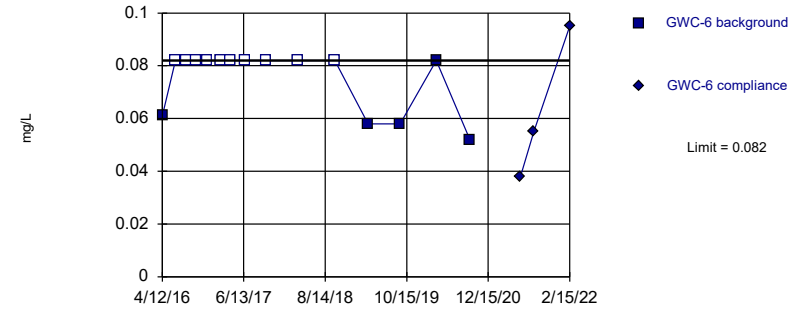


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

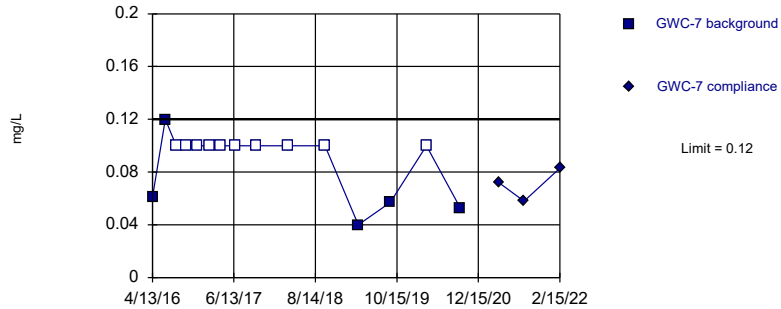


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

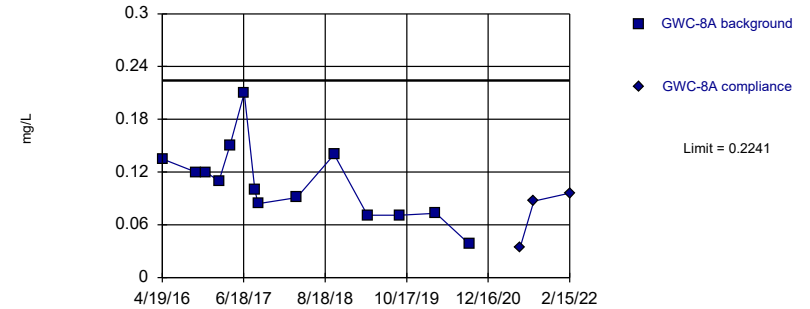


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

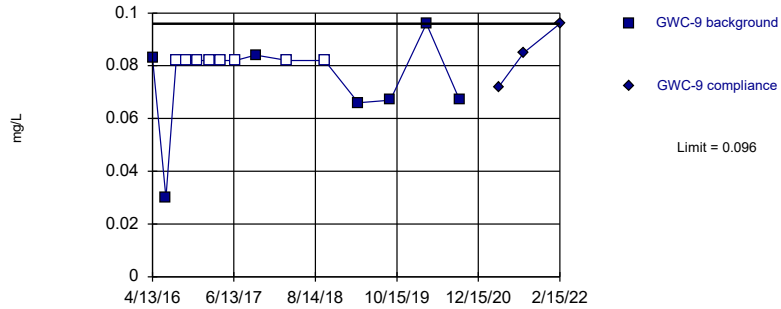


Background Data Summary: Mean=0.1081, Std. Dev.=0.04297, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.956, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

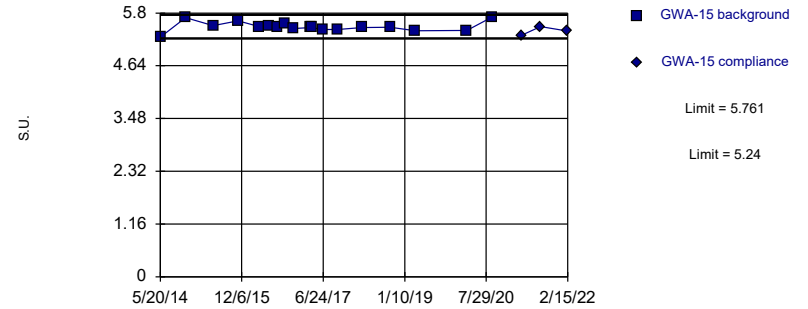


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 53.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
 Intrawell Parametric

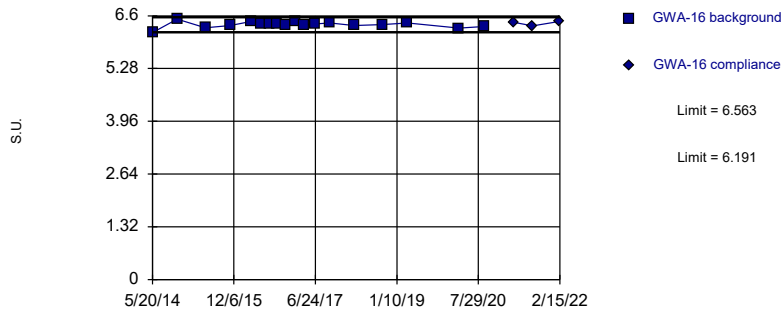


Background Data Summary: Mean=5.501, Std. Dev.=0.1037, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
 Intrawell Parametric

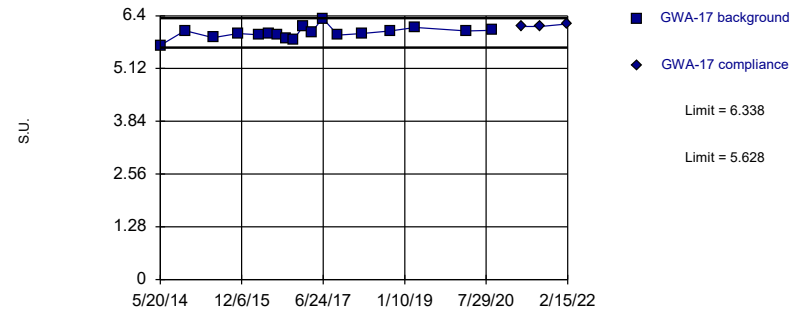


Background Data Summary: Mean=6.377, Std. Dev.=0.07404, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.945, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
 Intrawell Parametric

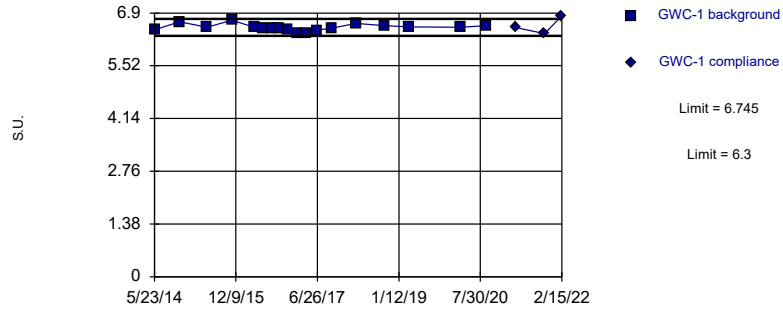


Background Data Summary: Mean=5.983, Std. Dev.=0.1415, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.957, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

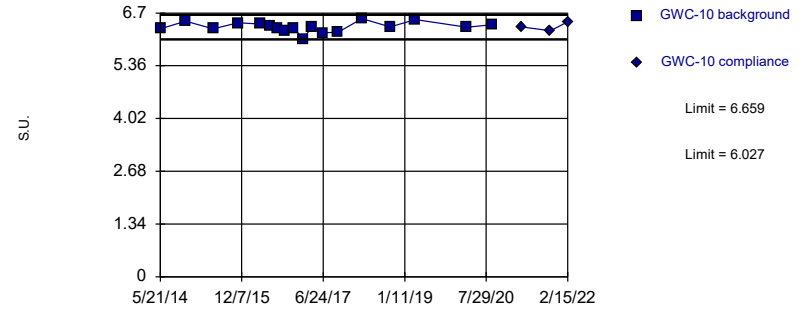


Background Data Summary: Mean=6.522, Std. Dev.=0.08869, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

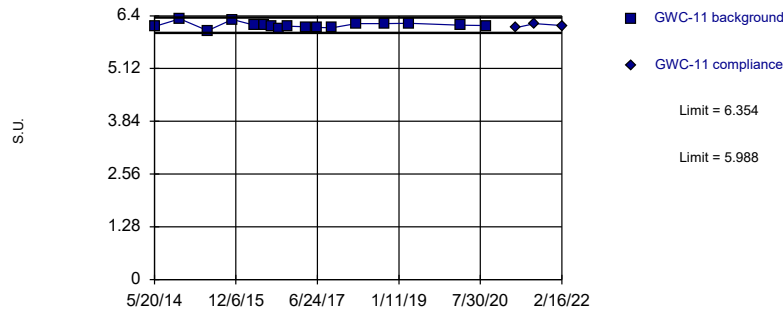


Background Data Summary: Mean=6.343, Std. Dev.=0.1259, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9699, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

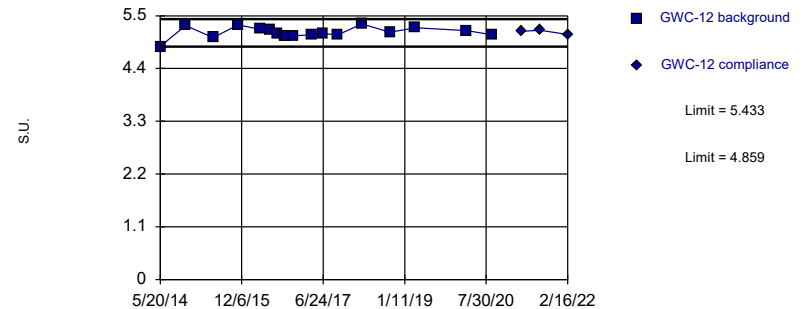


Background Data Summary: Mean=6.171, Std. Dev.=0.07184, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9396, critical = 0.851. Kappa = 2.543 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

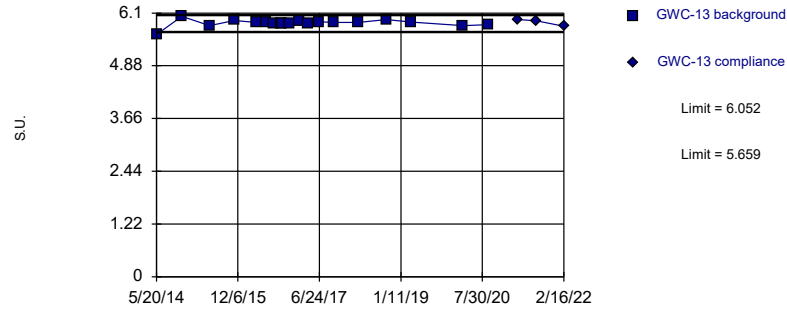


Background Data Summary: Mean=5.146, Std. Dev.=0.1143, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9429, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

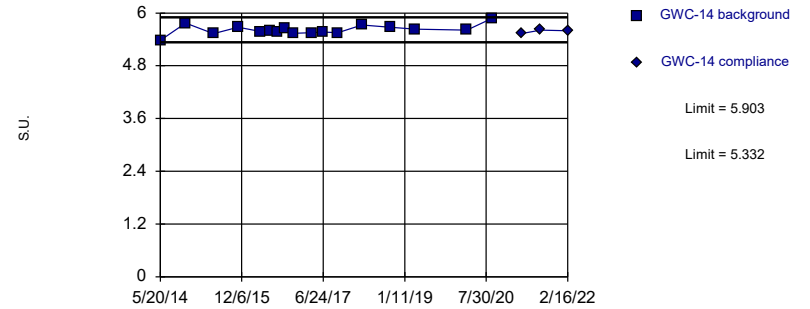


Background Data Summary (based on x^5 transformation): Mean=6960, Std. Dev.=466.8, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8633, critical = 0.863. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

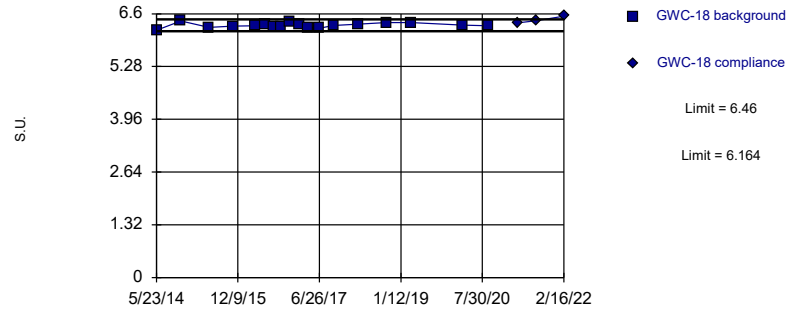


Background Data Summary: Mean=5.617, Std. Dev.=0.1122, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9492, critical = 0.851. Kappa = 2.543 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

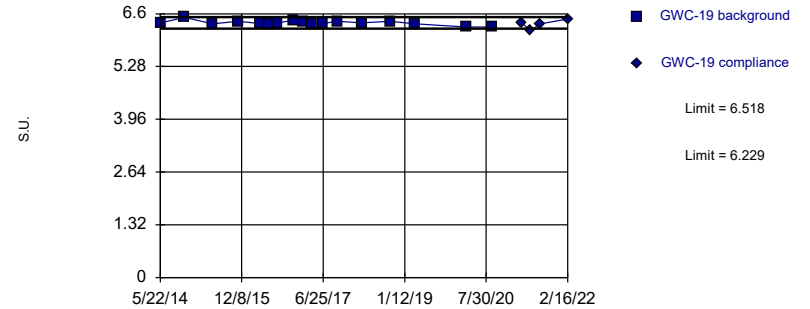


Background Data Summary: Mean=6.312, Std. Dev.=0.05897, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9854, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

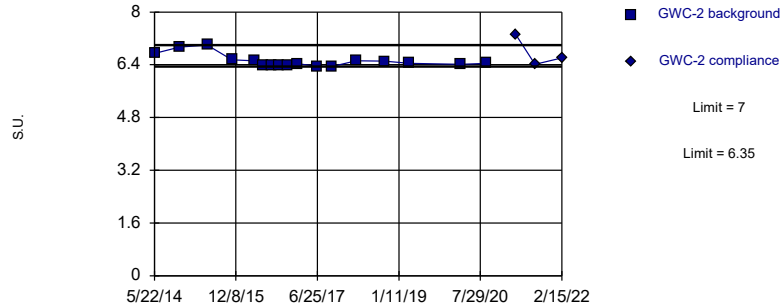


Background Data Summary: Mean=6.374, Std. Dev.=0.05689, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9161, critical = 0.851. Kappa = 2.543 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

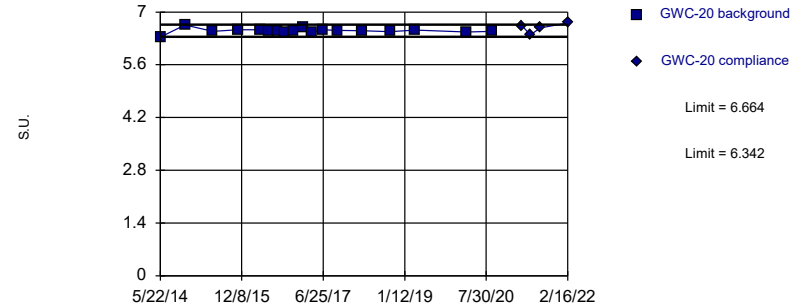


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

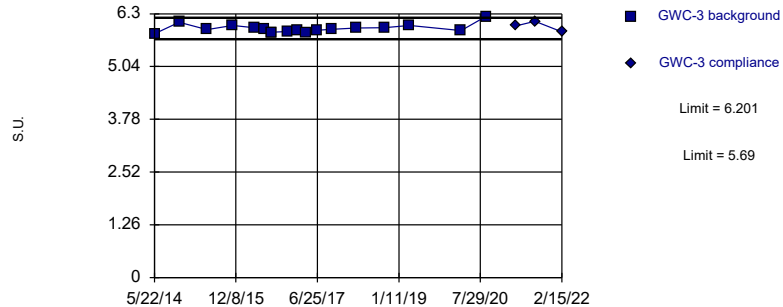


Background Data Summary: Mean=6.503, Std. Dev.=0.06408, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8614, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

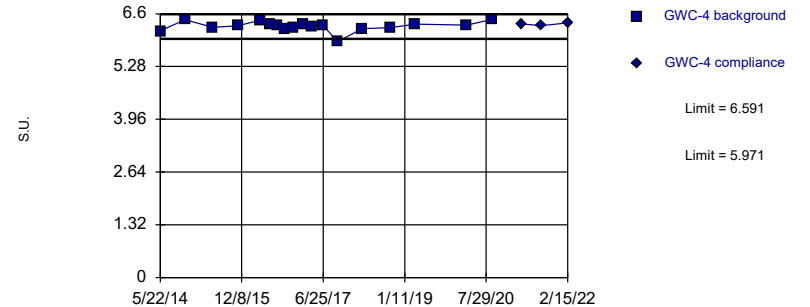


Background Data Summary: Mean=5.946, Std. Dev.=0.1019, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8758, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

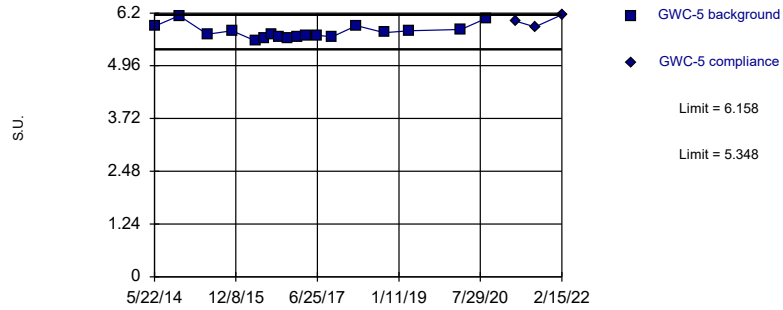


Background Data Summary (based on square transformation): Mean=39.54, Std. Dev.=1.551, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8631, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

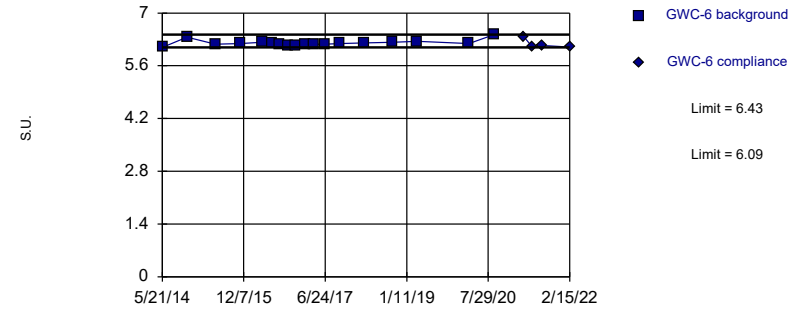


Background Data Summary: Mean=5.753, Std. Dev.=0.1613, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8787, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

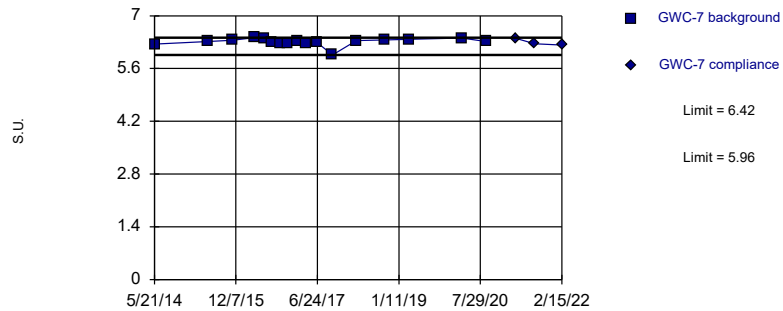


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 18 background values. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01075 (1 of 2).

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

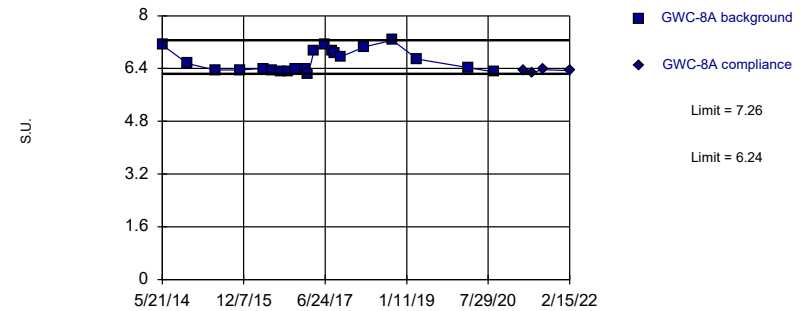


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

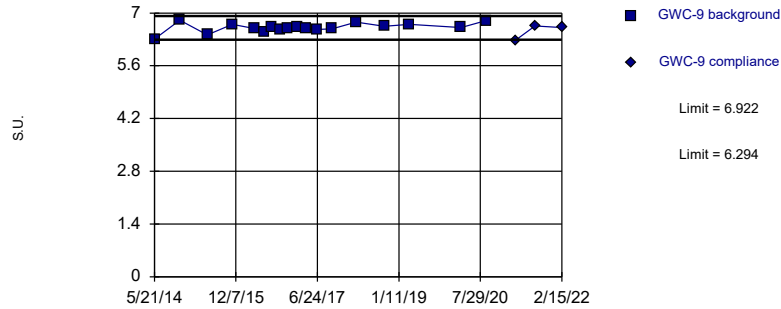


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 21 background values. Well-constituent pair annual alpha = 0.01596. Individual comparison alpha = 0.007998 (1 of 2).

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

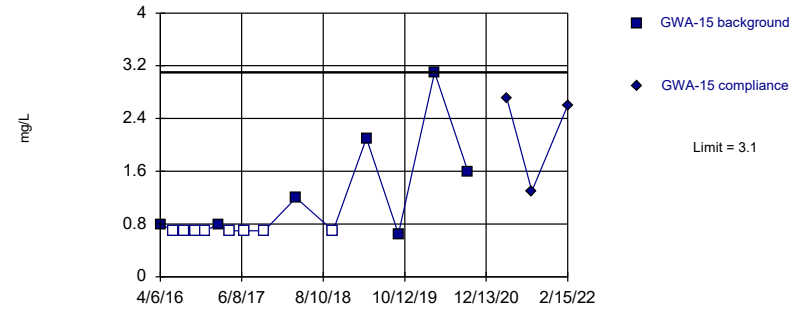


Background Data Summary: Mean=6.608, Std. Dev.=0.1251, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9528, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

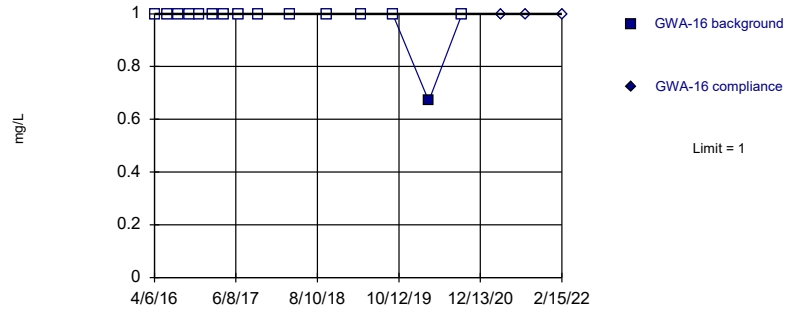


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 53.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

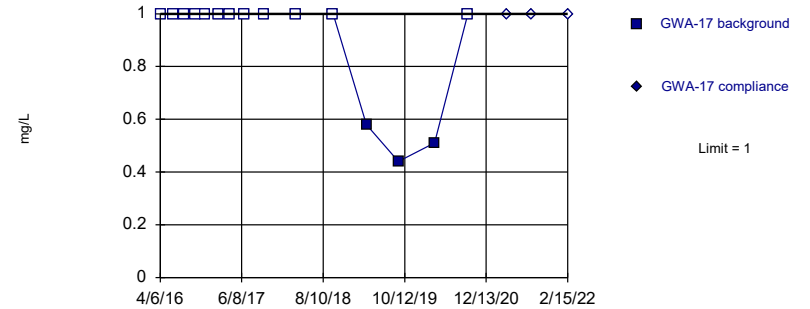


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

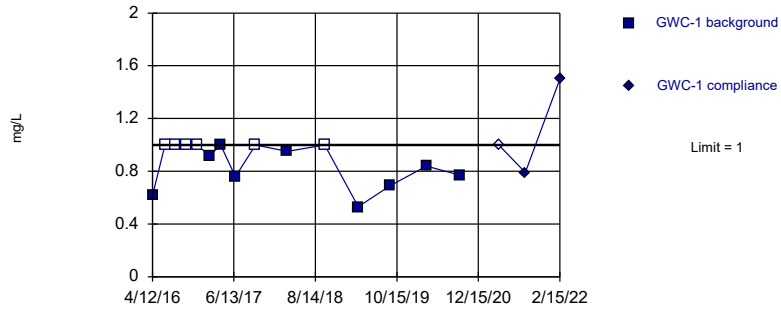


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

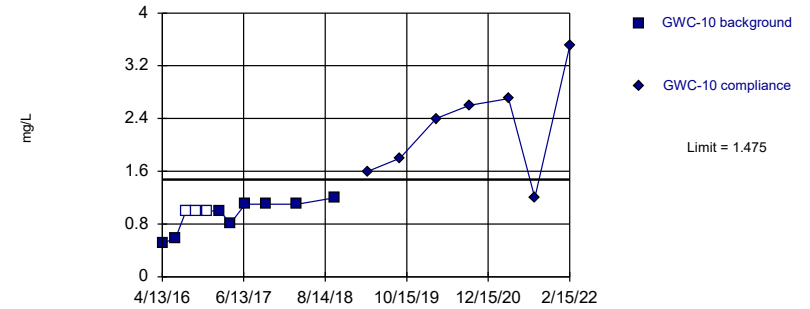


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. 40% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

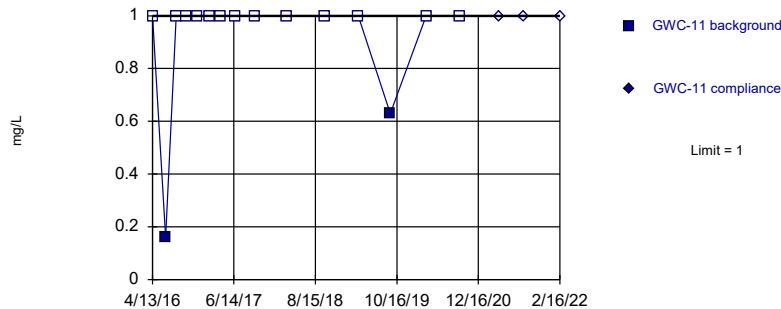


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7701, Std. Dev.=0.2398, n=11, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8327, critical = 0.792. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

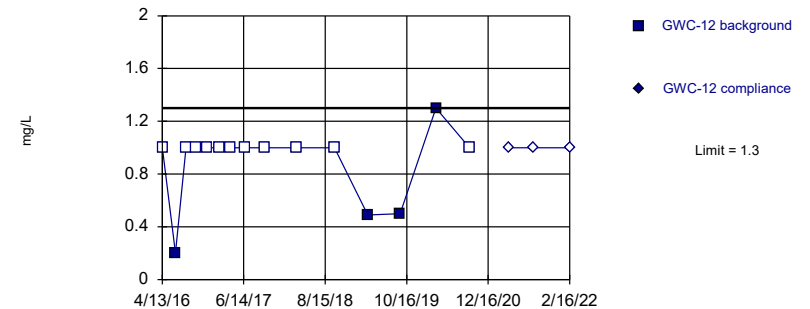


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

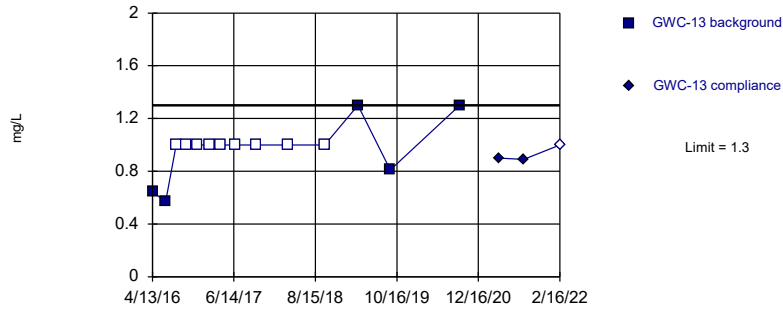


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

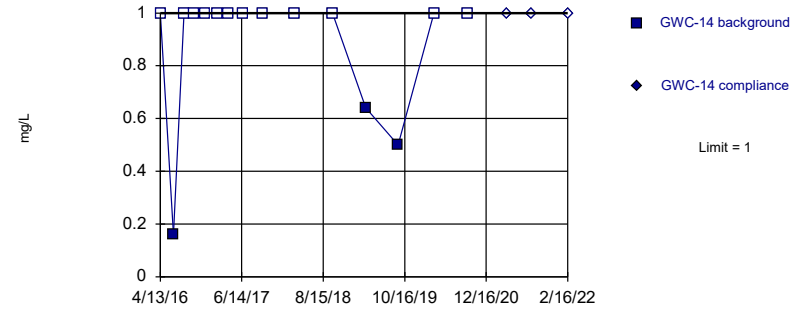


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

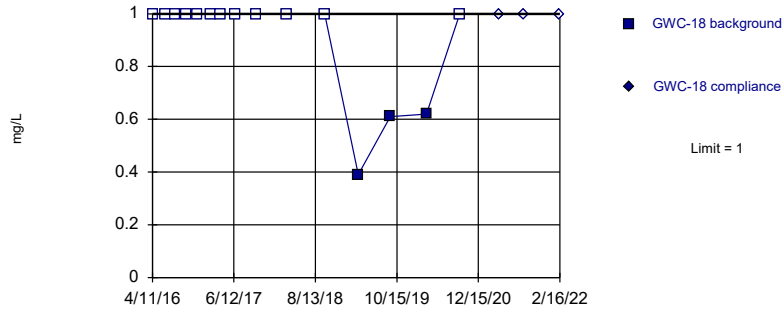


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

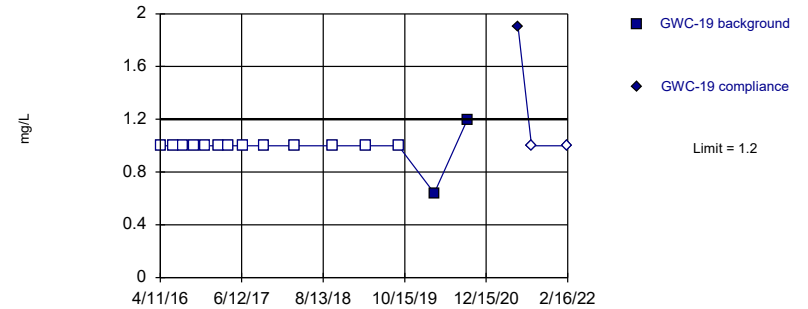


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

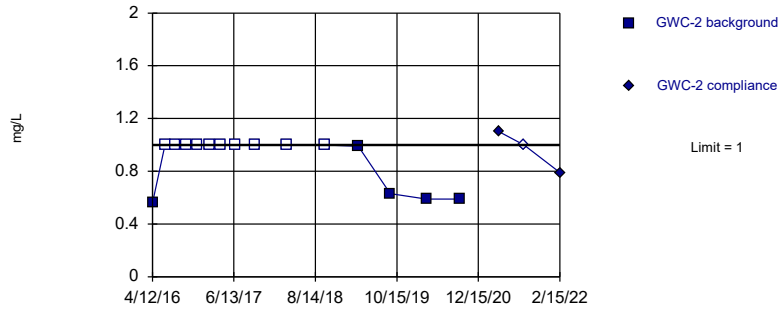


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

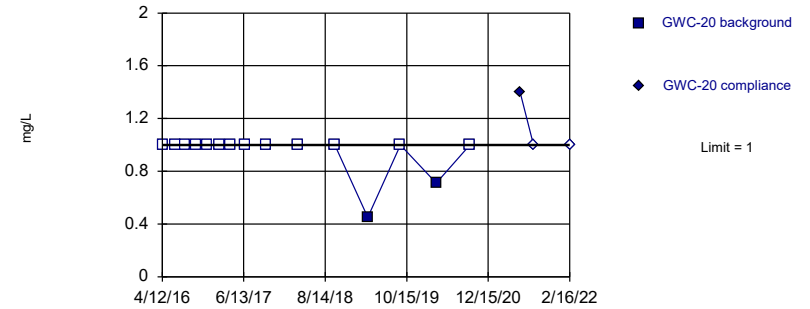


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

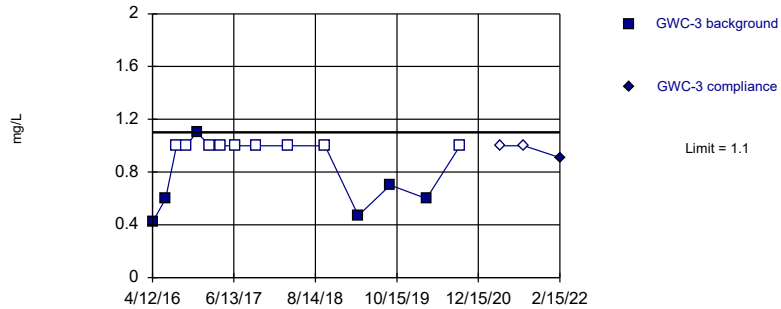


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

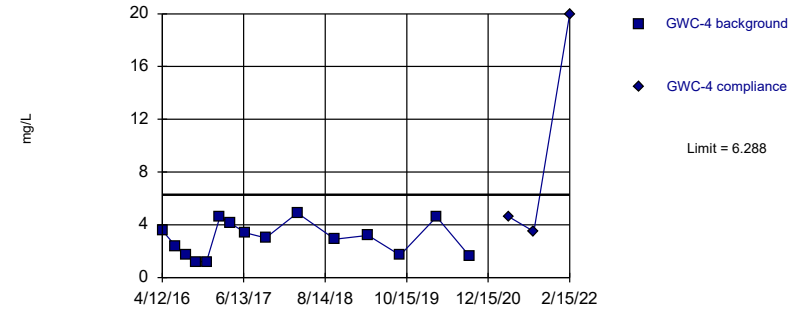


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

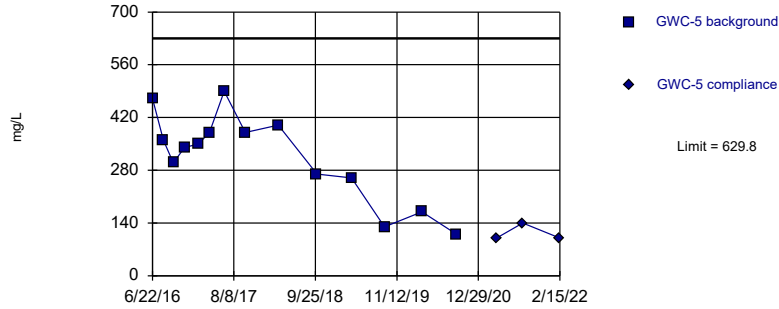


Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9294, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

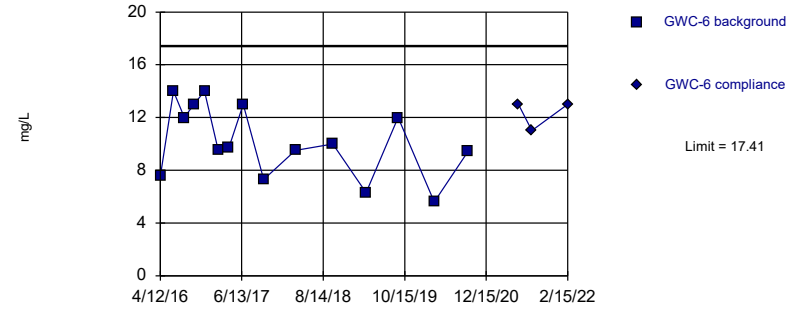


Background Data Summary: Mean=315, Std. Dev.=116.6, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9455, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

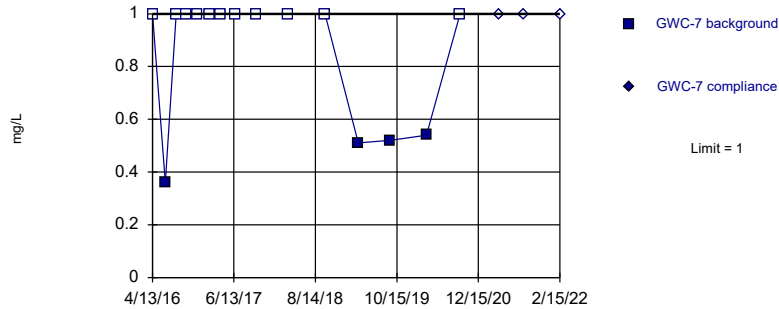


Background Data Summary: Mean=10.19, Std. Dev.=2.735, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

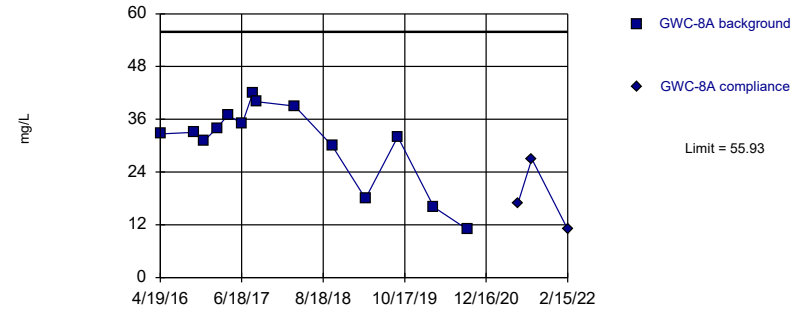


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

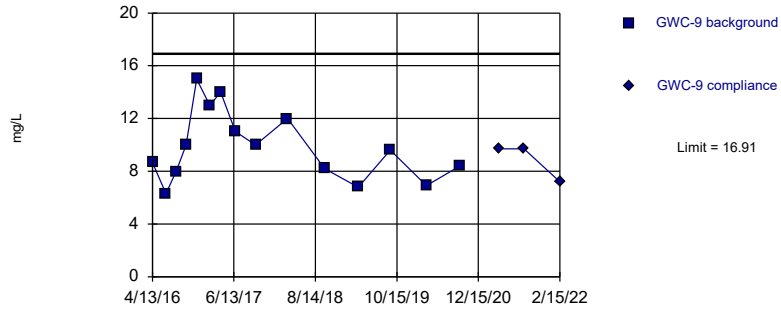


Background Data Summary: Mean=30.76, Std. Dev.=9.32, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8686, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

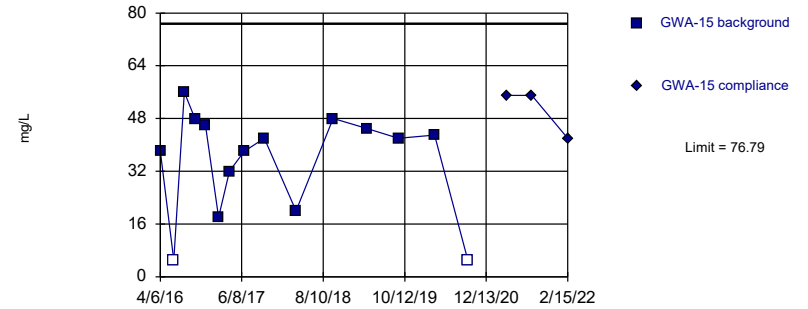


Background Data Summary: Mean=9.857, Std. Dev.=2.672, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9432, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

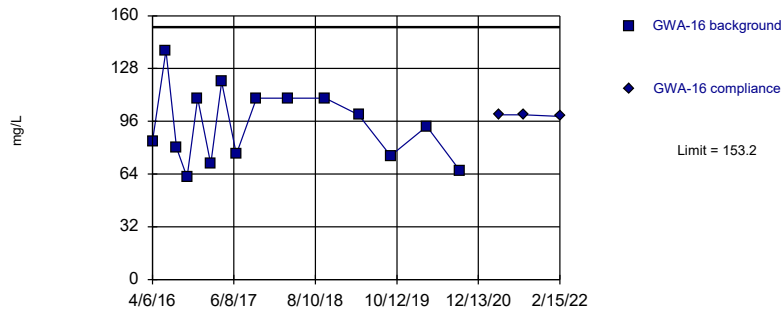


Background Data Summary: Mean=35.07, Std. Dev.=15.82, n=15, 13.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8705, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

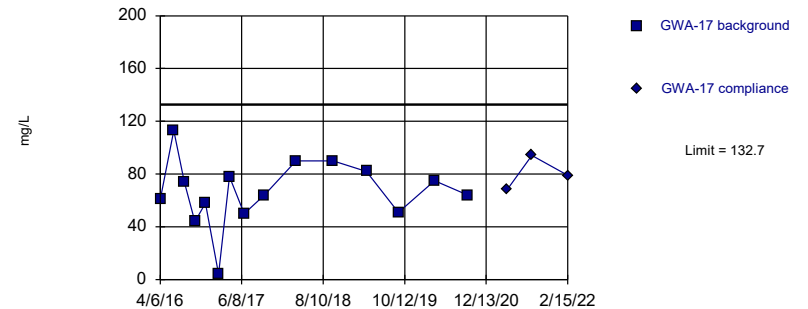


Background Data Summary: Mean=93.67, Std. Dev.=22.56, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9435, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

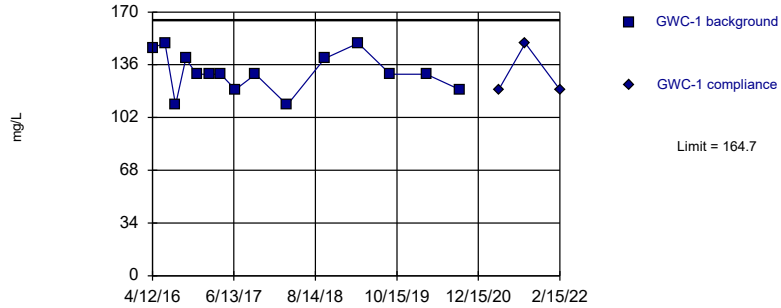


Background Data Summary: Mean=66.53, Std. Dev.=25.08, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9509, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

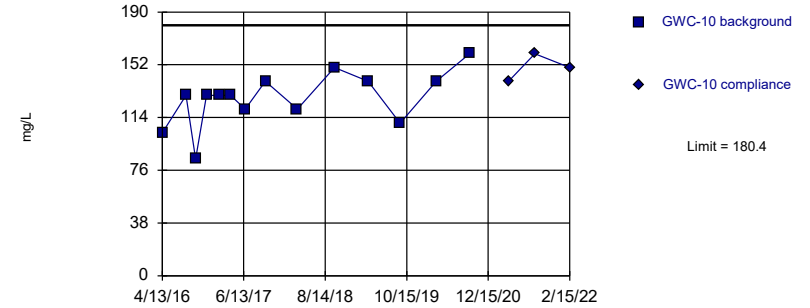


Background Data Summary: Mean=131.1, Std. Dev.=12.73, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9189, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

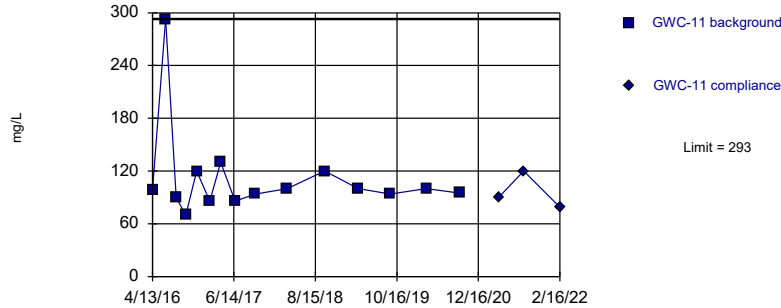


Background Data Summary: Mean=127.6, Std. Dev.=19.55, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9575, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

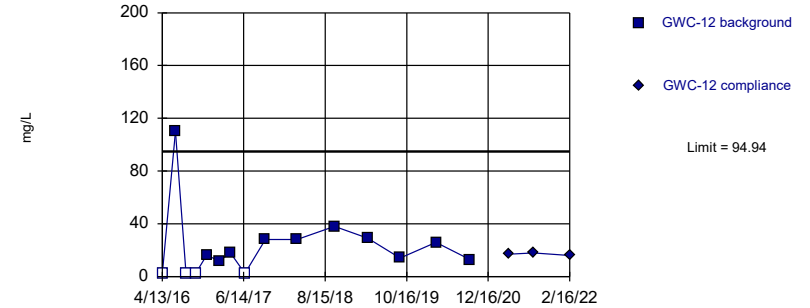


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

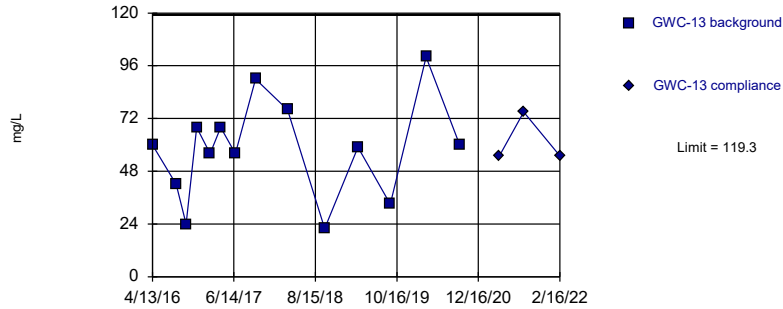


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=4.249, Std. Dev.=2.083, n=15, 26.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8671, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

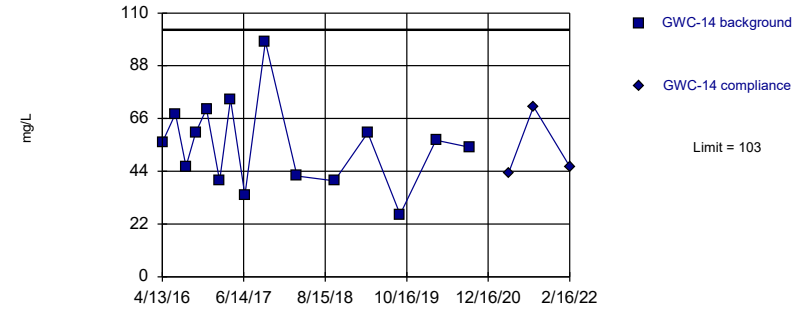


Background Data Summary: Mean=58.14, Std. Dev.=22.64, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9589, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

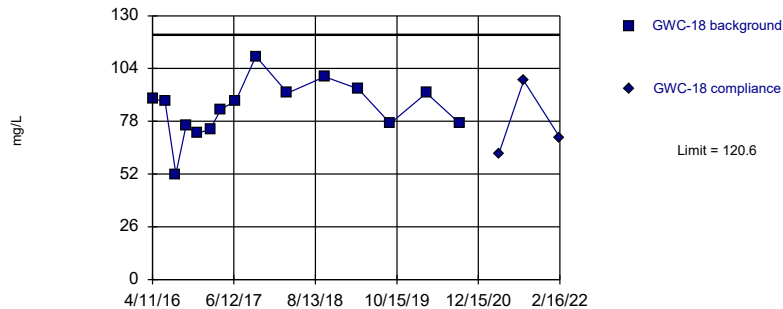


Background Data Summary: Mean=55, Std. Dev.=18.21, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9626, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

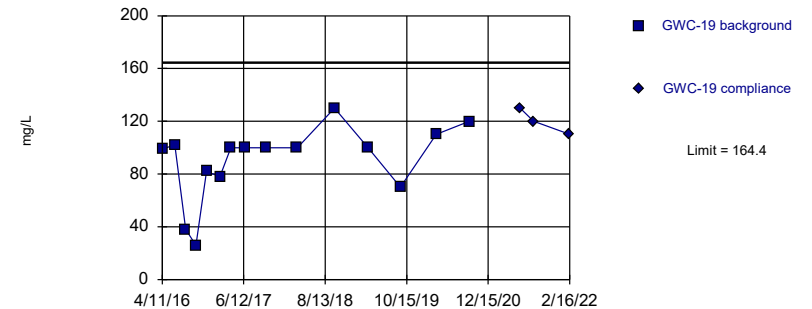


Background Data Summary: Mean=84.33, Std. Dev.=13.75, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9595, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

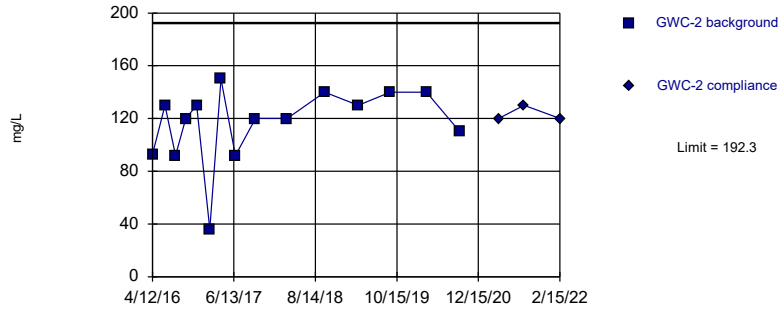


Background Data Summary: Mean=90.33, Std. Dev.=28.07, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8649, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

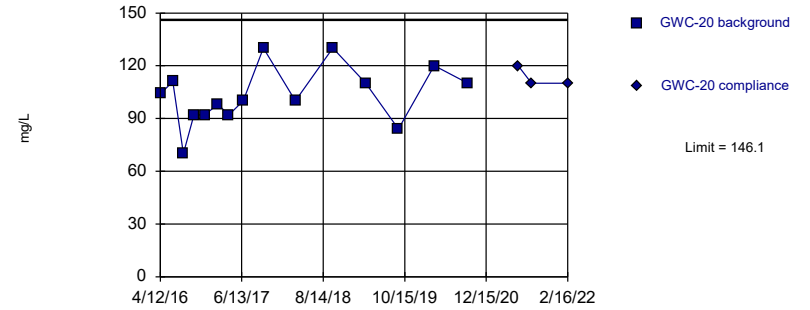


Background Data Summary: Mean=116.2, Std. Dev.=28.83, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8491, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

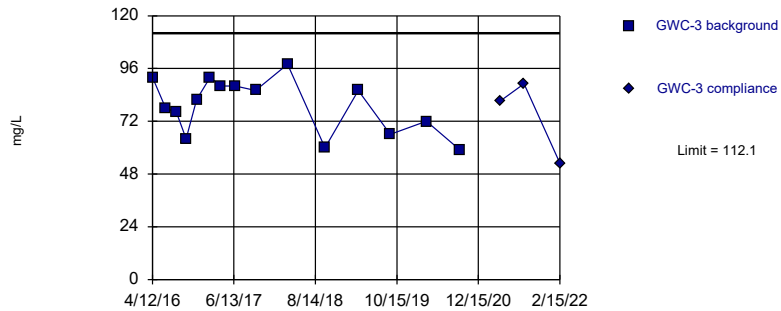


Background Data Summary: Mean=102.9, Std. Dev.=16.4, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9664, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

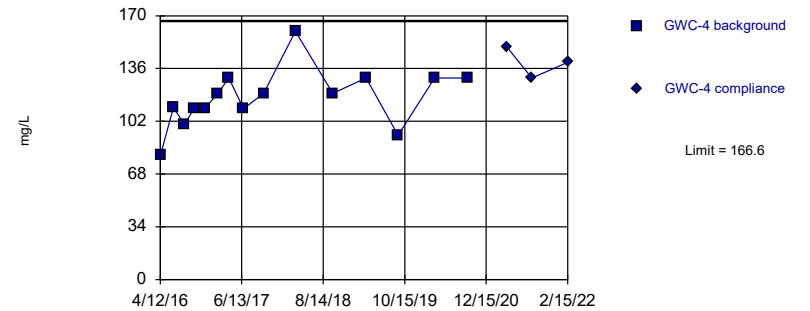


Background Data Summary: Mean=79.13, Std. Dev.=12.48, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9353, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

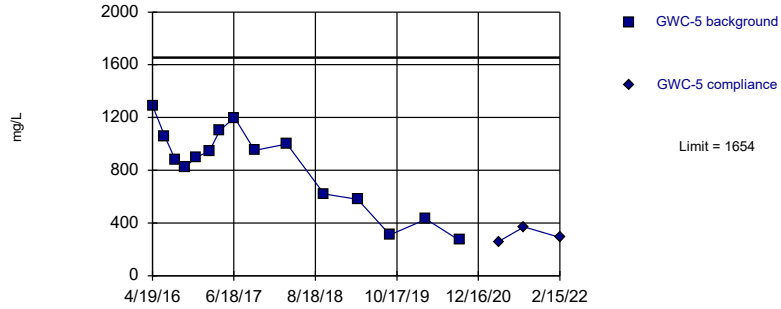


Background Data Summary: Mean=116.9, Std. Dev.=18.84, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9484, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

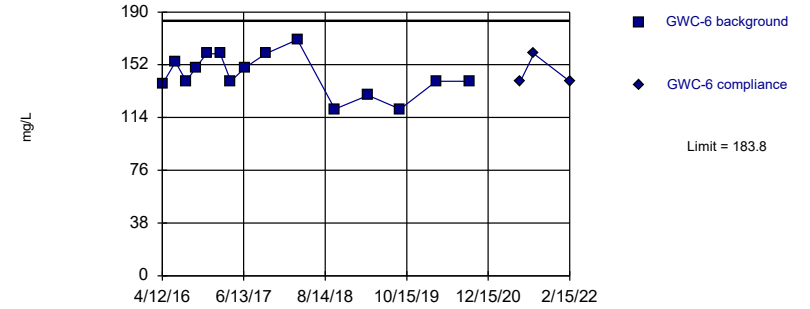


Background Data Summary: Mean=823.3, Std. Dev.=314.8, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9407, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

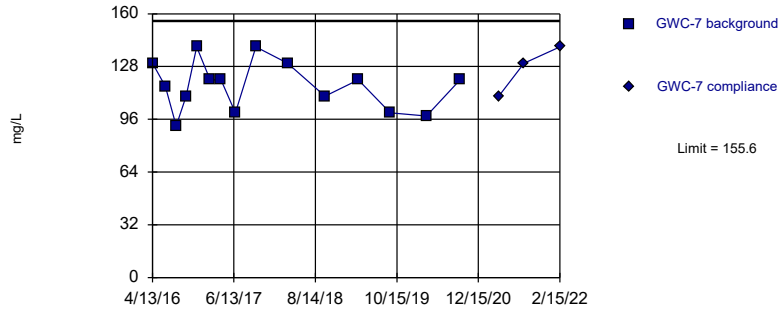


Background Data Summary: Mean=144.8, Std. Dev.=14.77, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9476, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

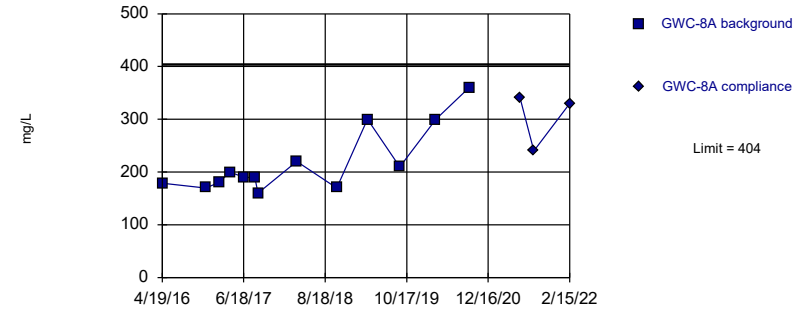


Background Data Summary: Mean=116.4, Std. Dev.=14.86, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9484, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

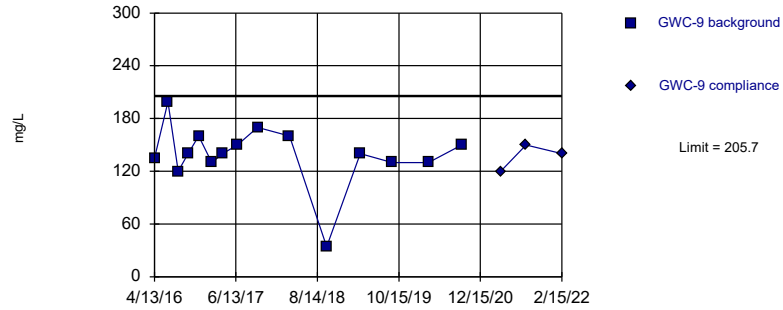


Background Data Summary (based on square root transformation): Mean=14.63, Std. Dev.=1.981, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8244, critical = 0.814. Kappa = 2.762 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary (based on square transformation): Mean=20532, Std. Dev.=8252, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9148, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	<0.08	
6/15/2016	0.0028 (J)	
8/10/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021		<0.08
8/11/2021		<0.08
2/15/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	<0.08	
6/16/2016	<0.08	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021		0.053 (J)
8/18/2021		<0.08
2/15/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	<0.08 (D)	
6/21/2016	<0.08	
8/15/2016	<0.08	
10/7/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021		0.056 (J)
8/11/2021		<0.08
2/16/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	<0.08 (D)	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021		0.078 (J)
8/12/2021		<0.08
2/15/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	<0.1	
6/22/2016	0.238	
8/16/2016	0.39	
10/6/2016	0.34	
12/1/2016	0.37	
2/9/2017	0.38	
4/6/2017	0.4	
6/21/2017	0.39	
10/5/2017	0.47	
3/22/2018	0.48	
10/3/2018	0.47	
3/27/2019	0.33	
9/11/2019	0.31	
3/18/2020	0.26	
9/9/2020	0.24	
4/1/2021		0.23
8/12/2021		0.19
2/15/2022		0.19

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	<0.08	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/5/2021		0.042 (J)
8/11/2021		0.057 (J)
2/15/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	<0.08 (D)	
6/20/2016	<0.08	
8/15/2016	<0.08	
10/6/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/1/2021		<0.08
8/11/2021		0.056 (J)
2/15/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	0.145	
10/10/2016	0.12	
12/1/2016	0.12	
2/9/2017	0.13	
4/7/2017	0.21	
6/21/2017	0.23	
8/15/2017	0.27	
9/1/2017	0.24	
3/22/2018	0.25	
10/4/2018	0.21	
3/27/2019	0.16	
9/11/2019	0.21	
3/18/2020	0.16	
9/9/2020	0.13	
4/5/2021		0.18
8/12/2021		0.23
2/15/2022		0.13

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	0.0774 (JD)	
6/22/2016	0.0663 (J)	
8/15/2016	0.093	
10/6/2016	0.096	
12/1/2016	0.12	
2/8/2017	0.094	
4/6/2017	0.11	
6/21/2017	0.1	
10/5/2017	0.083	
3/21/2018	0.089	
10/2/2018	0.083	
3/27/2019	0.067	
9/11/2019	0.083	
3/18/2020	0.058 (J)	
9/9/2020	0.088	
4/1/2021		0.059 (J)
8/12/2021		0.1
2/15/2022		0.07 (J)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	3.62	
6/15/2016	4.5	
8/10/2016	3.8	
10/4/2016	5.3	
11/30/2016	4.7	
2/7/2017	3.8	
4/4/2017	3.8	
6/20/2017	4.1	
10/4/2017	4.6	
3/20/2018	4.2 (D)	
10/2/2018	4.2	
3/26/2019	4	
9/10/2019	4.8	
3/18/2020	3.8	
9/9/2020	4	
4/1/2021		4
8/11/2021		4.1
2/15/2022		3.6

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	12.1	
6/15/2016	11.8	
8/10/2016	10	
10/4/2016	14	
11/29/2016	10	
2/7/2017	12	
4/4/2017	11	
6/20/2017	11	
10/5/2017	13	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/10/2019	12	
3/18/2020	12	
9/9/2020	11	
4/1/2021		12
8/11/2021		11
2/15/2022		10

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	6.58	
6/15/2016	6.9	
8/10/2016	5.5	
10/5/2016	6.8	
11/29/2016	4.8	
2/7/2017	7.8	
4/4/2017	6.4	
6/20/2017	7	
10/5/2017	6.6	
3/20/2018	6.6	
10/2/2018	5.8	
3/26/2019	6.7	
9/10/2019	7.5	
3/18/2020	7.3	
9/9/2020	7.3	
4/1/2021		7.8
8/11/2021		7.3
2/15/2022		7.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	17.1	
6/16/2016	19.8	
8/11/2016	15	
10/4/2016	17	
11/30/2016	16	
2/7/2017	17	
4/5/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	16	
9/10/2019	17	
3/18/2020	19	
9/9/2020	17	
4/1/2021		18
8/18/2021		18
2/15/2022		16

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	15.6 (D)	
6/21/2016	14.4	
8/15/2016	14	
10/5/2016	17	
12/1/2016	15	
2/8/2017	17	
4/6/2017	16	
6/21/2017	16 (D)	
10/5/2017	19	
3/21/2018	17	
10/2/2018	17	
3/27/2019	16	
9/11/2019	18	
3/18/2020	20	
9/9/2020	20	
4/1/2021		19
8/17/2021		18
2/15/2022		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	12.8 (D)	
6/21/2016	11.6	
8/15/2016	11	
10/5/2016	14	
12/1/2016	12	
2/8/2017	13	
4/6/2017	12	
6/20/2017	13	
10/5/2017	14	
3/21/2018	13	
10/2/2018	12	
3/27/2019	12	
9/11/2019	13	
3/18/2020	14	
9/10/2020	13	
4/1/2021		13
8/11/2021		13
2/16/2022		12

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	1.18 (D)	
6/21/2016	1.12	
8/15/2016	0.95	
10/5/2016	1	
12/1/2016	0.92	
2/8/2017	1.2	
4/5/2017	1.1	
6/20/2017	0.96	
10/5/2017	1.1	
3/21/2018	1.3 (D)	
10/2/2018	0.86	
3/26/2019	1.1	
9/11/2019	0.94	
3/18/2020	1.6	
9/10/2020	1.1	
4/1/2021		1.2
8/11/2021		1
2/16/2022		1.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	5.71 (D)	
6/21/2016	5.54	
8/15/2016	5.8	
10/7/2016	6.1	
12/1/2016	5.8	
2/9/2017	6.3	
4/6/2017	5.8	
6/22/2017	6.4 (D)	
10/6/2017	7.4	
3/22/2018	6.8	
10/3/2018	6.4	
3/26/2019	6.3	
9/11/2019	7	
3/18/2020	9.3	
9/10/2020	6.7	
4/6/2021		7.4
8/11/2021		6.7
2/16/2022		6.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	6.55 (D)	
6/21/2016	6.04	
8/15/2016	5.9	
10/4/2016	6.6	
12/1/2016	5.4	
2/7/2017	6.1	
4/6/2017	6.1	
6/20/2017	6.6	
10/5/2017	7.2	
3/20/2018	6.6	
10/2/2018	6.5	
3/26/2019	6.4	
9/11/2019	7.3	
3/18/2020	6.9	
9/9/2020	6.5	
4/1/2021		6.2
8/11/2021		6.9
2/16/2022		6.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	10.5	
6/16/2016	11.6	
8/11/2016	10	
10/5/2016	11	
11/29/2016	9.6	
2/8/2017	10	
4/6/2017	9.7	
6/21/2017	9.7 (D)	
10/5/2017	11	
3/20/2018	11	
10/2/2018	9.6	
3/26/2019	9.6	
9/11/2019	10	
3/18/2020	11	
9/9/2020	10	
4/1/2021		11
8/11/2021		10
2/16/2022		9.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10 (D)	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
10/7/2021		17
2/16/2022		15

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	17	
6/16/2016	19.7	
8/11/2016	15	
10/4/2016	18	
11/30/2016	16	
2/7/2017	18	
4/6/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	17	
9/10/2019	18	
3/18/2020	18	
9/9/2020	17	
4/1/2021		17
8/12/2021		17
2/15/2022		16

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	13.5	
6/16/2016	15	
8/11/2016	12	
10/5/2016	14	
11/30/2016	12	
2/8/2017	14	
4/6/2017	13	
6/21/2017	13 (D)	
10/5/2017	15	
3/21/2018	14	
10/3/2018	13	
3/26/2019	12	
9/12/2019	14	
3/19/2020	14	
9/10/2020	13	
4/5/2021		14
8/11/2021		14
2/16/2022		13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	8.52 (D)	
6/20/2016	7.7	
8/12/2016	7.3	
10/5/2016	8.4	
11/30/2016	8	
2/8/2017	9.3	
4/6/2017	8.1	
6/21/2017	9.2 (D)	
10/5/2017	10	
3/21/2018	9.3	
10/3/2018	7.5	
3/26/2019	7.3	
9/10/2019	6.6	
3/18/2020	5.9	
9/10/2020	6.3	
4/6/2021		7.4
8/12/2021		6.6
2/15/2022		6

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13 (D)	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021		15
8/12/2021		13
2/15/2022		15

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	198	
6/22/2016	132	
8/16/2016	94	
10/6/2016	100	
12/1/2016	100	
2/9/2017	120	
4/6/2017	140	
6/21/2017	160 (D)	
10/5/2017	130	
3/22/2018	130	
10/3/2018	88	
3/27/2019	75	
9/11/2019	46	
3/18/2020	61	
9/9/2020	35	
4/1/2021		40
8/12/2021		46
2/15/2022		36

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	17.8	
6/20/2016	19.5	
8/12/2016	17	
10/6/2016	19	
11/30/2016	19	
2/9/2017	18	
4/6/2017	18	
6/21/2017	19 (D)	
10/6/2017	19	
3/21/2018	19	
10/3/2018	16	
3/26/2019	16	
9/11/2019	19	
3/18/2020	15	
9/10/2020	16	
4/5/2021		16
8/11/2021		16
2/15/2022		15

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	14 (D)	
6/20/2016	13.8	
8/15/2016	13	
10/6/2016	14	
12/1/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14 (D)	
10/6/2017	16	
3/22/2018	15	
10/4/2018	13	
3/27/2019	14	
9/11/2019	14	
3/19/2020	15	
9/10/2020	15	
4/1/2021		15
8/11/2021		14
2/15/2022		13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	20	
10/10/2016	19	
12/1/2016	18	
2/9/2017	20	
4/7/2017	27	
6/21/2017	27 (D)	
8/15/2017	29	
9/1/2017	32	
3/22/2018	30	
10/4/2018	37	
3/27/2019		47
9/11/2019		37
3/18/2020		53
9/9/2020		64
4/5/2021		52
8/12/2021		37
2/15/2022		49

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	18 (D)	
6/22/2016	16.7	
8/15/2016	16	
10/6/2016	17	
12/1/2016	17	
2/8/2017	18	
4/6/2017	17	
6/21/2017	17 (D)	
10/5/2017	19	
3/21/2018	19	
10/2/2018	16	
3/27/2019	16	
9/11/2019	17	
3/18/2020	16	
9/9/2020	16	
4/1/2021		16
8/12/2021		18
2/15/2022		16

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	5.342	
6/15/2016	5.2	
8/10/2016	5.5	
10/4/2016	5.4	
11/30/2016	5.4	
2/7/2017	5.1	
4/4/2017	5.1	
6/20/2017	5.2	
10/4/2017	5.2	
3/20/2018	5.6 (D)	
10/2/2018	6.3	
3/26/2019	5.5	
9/10/2019	5.2	
3/18/2020	5.4	
9/9/2020	6.1	
4/1/2021		7
8/11/2021		7.2
2/15/2022		6.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	1.789	
6/15/2016	2.1	
8/10/2016	1.8	
10/4/2016	1.7	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.6	
6/20/2017	1.6	
10/5/2017	1.5	
3/20/2018	1.5	
10/2/2018	1.6	
3/26/2019	1.5	
9/10/2019	1.4	
3/18/2020	1.7	
9/9/2020	1.6	
4/1/2021		1.8
8/11/2021		1.8
2/15/2022		1.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	1.69	
6/15/2016	1.9	
8/10/2016	1.7	
10/5/2016	1.6	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.5	
6/20/2017	1.5	
10/5/2017	1.5	
3/20/2018	1.4	
10/2/2018	1.5	
3/26/2019	1.3	
9/10/2019	1.3	
3/18/2020	2	
9/9/2020	1.3	
4/1/2021		1.5
8/11/2021		1.4
2/15/2022		1.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	4.32	
6/16/2016	3.8	
8/11/2016	4	
10/4/2016	3.6	
11/30/2016	3.8	
2/7/2017	4.3	
4/5/2017	4.1	
6/20/2017	3.9	
10/4/2017	3.6	
3/20/2018	3.9	
10/2/2018	3.7	
3/26/2019	3.6	
9/10/2019	2.9	
3/18/2020	4.2	
9/9/2020	3.9	
4/1/2021		4.2
8/18/2021		4
2/15/2022		4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	2.04 (D)	
6/21/2016	2.2	
8/15/2016	2.2	
10/5/2016	2.1	
12/1/2016	2.1	
2/8/2017	2.3	
4/6/2017	2.2	
6/21/2017	2.3	
10/5/2017	2.3	
3/21/2018	2.3	
10/2/2018	2.6	
3/27/2019	2.4	
9/11/2019	2.9	
3/18/2020	4.1	
9/9/2020	4.3	
4/1/2021		4.4
8/17/2021		3.1
2/15/2022		4.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	1.78 (D)	
6/21/2016	2	
8/15/2016	1.9	
10/5/2016	1.8	
12/1/2016	1.8	
2/8/2017	1.8	
4/6/2017	1.7	
6/20/2017	1.7	
10/5/2017	1.7	
3/21/2018	1.6	
10/2/2018	1.7	
3/27/2019	1.5	
9/11/2019	1.8	
3/18/2020	1.9	
9/10/2020	1.9	
4/1/2021		1.9
8/11/2021		1.8
2/16/2022		1.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	1.8 (D)	
6/21/2016	2	
8/15/2016	1.8	
10/5/2016	1.7	
12/1/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/20/2017	1.6	
10/5/2017	1.6	
3/21/2018	1.6 (D)	
10/2/2018	1.6	
3/26/2019	1.7	
9/11/2019	1.9	
3/18/2020	2.1	
9/10/2020	1.8	
4/1/2021		2
8/11/2021		1.8
2/16/2022		1.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	1.82 (D)	
6/21/2016	1.9	
8/15/2016	1.6	
10/7/2016	1.5	
12/1/2016	1.4	
2/9/2017	1.5	
4/6/2017	1.4	
6/22/2017	1.5	
10/6/2017	1.3	
3/22/2018	1.4	
10/3/2018	1.5	
3/26/2019	1.6	
9/11/2019	1.5	
3/18/2020	1.6	
9/10/2020	1.7	
4/6/2021		1.8
8/11/2021		1.6
2/16/2022		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	2.71 (D)	
6/21/2016	3	
8/15/2016	3.1	
10/4/2016	3	
12/1/2016	3.1	
2/7/2017	2.9	
4/6/2017	2.7	
6/20/2017	2.9	
10/5/2017	2.8	
3/20/2018	2.7	
10/2/2018	3	
3/26/2019	2.5	
9/11/2019	3.1	
3/18/2020	3	
9/9/2020	2.9	
4/1/2021		3.8
8/11/2021		3.7
2/16/2022		3.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	2.53	
6/16/2016	2.5	
8/11/2016	2.6	
10/5/2016	2.5	
11/29/2016	2.4	
2/8/2017	2.5	
4/6/2017	2.4	
6/21/2017	2.4	
10/5/2017	2.3	
3/20/2018	2.3	
10/2/2018	2.5	
3/26/2019	2.7	
9/11/2019	2.6	
3/18/2020	2.7	
9/9/2020	2.8	
4/1/2021		2.8
8/11/2021		2.9
2/16/2022		2.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	1.84	
6/16/2016	1.9	
8/11/2016	1.9	
10/5/2016	1.7	
11/29/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/21/2017	1.7	
10/5/2017	1.6	
3/20/2018	1.6	
10/2/2018	1.7	
3/26/2019	1.8	
9/12/2019	1.5	
3/19/2020	2.2	
9/9/2020	2.4	
6/1/2021		2.6
8/11/2021		2.8
2/16/2022		2.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	2.34	
6/16/2016	2.4	
8/11/2016	2.4	
10/4/2016	2.2	
11/30/2016	2.2	
2/7/2017	2.1	
4/6/2017	2.1	
6/20/2017	2.1	
10/4/2017	2	
3/20/2018	2	
10/2/2018	2	
3/26/2019	1.9	
9/10/2019	1.7	
3/18/2020	2.4	
9/9/2020	2	
4/1/2021		2.5
8/12/2021		2.5
2/15/2022		2.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	2.03	
6/16/2016	2.2	
8/11/2016	2.1	
10/5/2016	1.9	
11/30/2016	2	
2/8/2017	2	
4/6/2017	<1	
6/21/2017	1.9	
10/5/2017	1.9	
3/21/2018	1.8	
10/3/2018	2	
3/26/2019	1.9	
9/12/2019	1.6	
3/19/2020	2.2	
9/10/2020	2.1	
6/1/2021		2.1
8/11/2021		2.1
2/16/2022		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	3.04 (D)	
6/20/2016	3.1	
8/16/2016	3.2	
10/5/2016	3.2	
11/30/2016	3.3	
2/8/2017	3.5	
4/6/2017	3.4	
6/21/2017	3.5	
10/5/2017	3.5	
3/21/2018	3.4	
10/3/2018	3.5	
3/26/2019	3	
9/10/2019	2.5	
3/18/2020	2.8	
9/10/2020	2.7	
4/6/2021		2.9
8/12/2021		3.3
2/15/2022		2.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021		11
8/12/2021		12
2/15/2022		11

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	124 (o)	
6/22/2016	81	
8/16/2016	71	
10/6/2016	68	
12/1/2016	74	
2/9/2017	76	
4/6/2017	92	
6/21/2017	100	
10/5/2017	67	
3/22/2018	74	
10/3/2018	46	
3/27/2019	42	
9/11/2019	19	
3/18/2020	30	
9/9/2020	8.7	
4/1/2021		18
8/12/2021		22
2/15/2022		16

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
6/20/2016	6.8	
8/16/2016	7.6	
10/6/2016	7.3	
11/30/2016	7.1	
2/9/2017	5.8	
4/6/2017	5.7	
6/21/2017	6.1	
10/6/2017	5.1	
3/21/2018	5.4	
10/3/2018	5.7	
3/26/2019	4.2	
9/11/2019	7.2	
3/18/2020	4	
9/10/2020	6.3	
6/2/2021		6.3
8/11/2021		6.5
2/15/2022		6.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	1.68 (D)	
6/20/2016	2	
8/15/2016	1.8	
10/6/2016	1.7	
12/1/2016	1.7	
2/9/2017	1.7	
4/7/2017	1.7	
6/22/2017	1.6	
10/6/2017	1.6	
3/22/2018	1.6	
10/4/2018	1.7	
3/27/2019	1.7	
9/11/2019	2.1	
3/19/2020	2.1	
9/10/2020	2.5	
4/1/2021		2.9
8/11/2021		3
2/15/2022		2.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	6.9	
10/10/2016	7.2	
12/1/2016	7.1	
2/9/2017	7.2	
4/7/2017	7.5	
6/21/2017	7.6	
8/15/2017	7.8	
9/1/2017	7.6	
3/22/2018	7	
10/4/2018	6.1	
3/27/2019	6.6	
9/11/2019	7	
3/18/2020	8.5	
9/9/2020	11	
6/1/2021		9.4
8/12/2021		7.8
2/15/2022		9.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	3.64 (D)	
6/22/2016	3.8	
8/15/2016	3.7	
10/6/2016	3.4	
12/1/2016	4	
2/8/2017	4	
4/6/2017	4	
6/21/2017	3.3	
10/5/2017	3.3	
3/21/2018	3.6	
10/2/2018	3.1	
3/27/2019	3	
9/11/2019	3.4	
3/18/2020	3.4	
9/9/2020	3.2	
4/1/2021		4.3
8/12/2021		4.1
2/15/2022		3.7

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	0.017 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/4/2016	<0.1	
11/30/2016	<0.1	
2/7/2017	<0.1	
4/4/2017	<0.1	
6/20/2017	<0.1	
10/4/2017	<0.1	
3/20/2018	<0.1 (D)	
10/2/2018	<0.1	
3/26/2019	<0.1	
9/10/2019	<0.1	
3/18/2020	0.036 (J)	
9/9/2020	<0.1	
4/1/2021		<0.1
8/11/2021		0.036 (J)
2/15/2022		0.054 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	0.048 (J)	
6/15/2016	<0.082	
8/10/2016	<0.082	
10/4/2016	<0.082	
11/29/2016	<0.082	
2/7/2017	<0.082	
4/4/2017	<0.082	
6/20/2017	<0.082	
10/5/2017	<0.082	
3/20/2018	<0.082	
10/2/2018	<0.082	
3/26/2019	0.041 (J)	
9/10/2019	0.047 (J)	
3/18/2020	0.041 (J)	
9/9/2020	0.034 (J)	
4/1/2021		0.035 (J)
8/11/2021		0.05 (J)
2/15/2022		0.079 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	0.039 (J)	
6/15/2016	<0.082	
8/10/2016	<0.082	
10/5/2016	<0.082	
11/29/2016	<0.082	
2/7/2017	<0.082	
4/4/2017	<0.082	
6/20/2017	<0.082	
10/5/2017	<0.082	
3/20/2018	<0.082	
10/2/2018	<0.082	
3/26/2019	0.042 (J)	
9/10/2019	0.046 (J)	
3/18/2020	0.071 (J)	
9/9/2020	0.036 (J)	
4/1/2021		0.042 (J)
8/11/2021		0.053 (J)
2/15/2022		0.083 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	0.087 (J)	
6/16/2016	0.04 (J)	
8/11/2016	0.092 (J)	
10/4/2016	<0.082	
11/30/2016	0.091 (J)	
2/7/2017	<0.082	
4/5/2017	<0.082	
6/20/2017	0.082 (J)	
10/4/2017	<0.082	
3/20/2018	<0.082	
10/2/2018	0.089 (J)	
3/26/2019	0.072 (J)	
9/10/2019	0.077 (J)	
3/18/2020	0.098 (J)	
9/9/2020	0.069 (J)	
4/1/2021		0.081 (J)
10/18/2021		0.081 (J)
2/15/2022		0.12

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.082 (JD)	
6/21/2016	0.02 (J)	
8/15/2016	<0.082	
10/5/2016	<0.082	
12/1/2016	<0.082	
2/8/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	<0.082	
3/21/2018	<0.082	
10/2/2018	<0.082	
3/27/2019	0.077 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.088 (J)	
9/9/2020	0.055 (J)	
4/1/2021		0.086 (J)
8/17/2021		0.083 (J)
2/15/2022		0.099 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	0.061 (JD)	
6/21/2016	0.03 (J)	
8/15/2016	<0.1	
10/5/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/2/2018	<0.1	
3/27/2019	0.048 (J)	
9/11/2019	0.054 (J)	
3/18/2020	0.064 (J)	
9/10/2020	0.052 (J)	
4/1/2021		0.042 (J)
8/11/2021		0.051 (J)
2/16/2022		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	0.01 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/5/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/5/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1 (D)	
10/2/2018	<0.1	
3/26/2019	0.026 (J)	
9/11/2019	0.039 (J)	
3/18/2020	0.046 (J)	
9/10/2020	<0.1	
4/1/2021		<0.1
8/11/2021		0.029 (J)
2/16/2022		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	0.039 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/7/2016	<0.1	
12/1/2016	<0.1	
2/9/2017	<0.1	
4/6/2017	<0.1	
6/22/2017	<0.1	
10/6/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.04 (J)	
9/11/2019	0.051 (J)	
3/18/2020	0.055 (J)	
9/10/2020	0.034 (J)	
4/6/2021		0.026 (J)
8/11/2021		0.045 (J)
2/16/2022		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	0.027 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/4/2016	<0.1	
12/1/2016	<0.1	
2/7/2017	<0.1	
4/6/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.034 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.068 (J)	
9/9/2020	<0.1	
4/1/2021		<0.1
8/11/2021		0.045 (J)
2/16/2022		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	0.047 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/29/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.046 (J)	
9/11/2019	0.055 (J)	
3/18/2020	<0.1	
9/9/2020	0.045 (J)	
4/1/2021		0.041 (J)
8/11/2021		0.062 (J)
2/16/2022		0.034 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	0.048 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/29/2016	<0.1	
2/8/2017	<0.1	
4/5/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.04 (J)	
9/12/2019	0.032 (J)	
3/19/2020	<0.1	
9/9/2020	0.034 (J)	
6/1/2021		0.026 (J)
8/11/2021		0.047 (J)
2/16/2022		0.028 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	0.046 (J)	
6/16/2016	<0.082	
8/11/2016	<0.082	
10/4/2016	<0.082	
11/30/2016	<0.082	
2/7/2017	<0.082	
4/6/2017	<0.082	
6/20/2017	<0.082	
10/4/2017	<0.082	
3/20/2018	<0.082	
10/2/2018	<0.082	
3/26/2019	0.046 (J)	
9/10/2019	0.048 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021		0.043 (J)
8/12/2021		0.054 (J)
2/15/2022		0.072 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	0.056 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/30/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.045 (J)	
9/12/2019	0.044 (J)	
3/19/2020	<0.1	
9/10/2020	0.051 (J)	
6/1/2021		0.033 (J)
8/11/2021		0.051 (J)
2/16/2022		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	0.057 (JD)	
6/20/2016	0.04 (J)	
8/16/2016	<0.082	
10/5/2016	<0.082	
11/30/2016	<0.082	
2/8/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	<0.082	
3/21/2018	<0.082	
10/3/2018	<0.082	
3/26/2019	0.046 (J)	
9/10/2019	0.058 (J)	
3/18/2020	0.091 (J)	
9/10/2020	0.063 (J)	
4/6/2021		0.045 (J)
8/12/2021		0.084 (J)
2/15/2022		0.092 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	0.121 (J)	
6/20/2016	0.04 (J)	
8/16/2016	0.13 (J)	
10/6/2016	0.1 (J)	
11/30/2016	0.13 (J)	
2/8/2017	0.093 (J)	
4/6/2017	0.1 (J)	
6/22/2017	0.11 (J)	
10/6/2017	0.096 (J)	
3/21/2018	0.094 (J)	
10/3/2018	0.1 (J+X)	
3/26/2019	0.087 (J)	
9/10/2019	0.097 (J)	
3/19/2020	0.038 (J)	
9/10/2020	0.1	
4/2/2021		0.097 (J)
8/12/2021		0.11
2/15/2022		0.13

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	0.024 (J)	
6/22/2016	<0.082	
8/16/2016	<0.082	
10/6/2016	<0.082	
12/1/2016	<0.082	
2/9/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	<0.082	
3/22/2018	<0.082	
10/3/2018	<0.082	
3/27/2019	0.038 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021		0.029 (J)
8/12/2021		0.045 (J)
2/15/2022		0.16

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	0.061 (J)	
6/20/2016	<0.082	
8/16/2016	<0.082	
10/6/2016	<0.082	
11/30/2016	<0.082	
2/9/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/6/2017	<0.082	
3/21/2018	<0.082	
10/3/2018	<0.082	
3/26/2019	0.058 (J)	
9/11/2019	0.058 (J)	
3/18/2020	0.082 (J)	
9/10/2020	0.052 (J)	
6/2/2021		0.038 (J)
8/11/2021		0.055 (J)
2/15/2022		0.095 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	0.061 (JD)	
6/20/2016	0.12 (J)	
8/15/2016	<0.1	
10/6/2016	<0.1	
12/1/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/6/2017	<0.1	
3/22/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.04 (J)	
9/11/2019	0.057 (J)	
3/19/2020	<0.1	
9/10/2020	0.053 (J)	
4/1/2021		0.072 (J)
8/11/2021		0.058 (J)
2/15/2022		0.083 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	0.135 (J)	
10/10/2016	0.12 (J)	
12/1/2016	0.12 (J)	
2/9/2017	0.11 (J)	
4/7/2017	0.15 (J)	
6/21/2017	0.21	
8/15/2017	0.1 (J)	
9/1/2017	0.084 (J)	
3/22/2018	0.091 (J)	
10/4/2018	0.14 (J+X)	
3/27/2019	0.071 (J)	
9/11/2019	0.071 (J)	
3/18/2020	0.073 (J)	
9/9/2020	0.038 (J)	
6/1/2021		0.034 (J)
8/12/2021		0.087 (J)
2/15/2022		0.096 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	0.083 (JD)	
6/22/2016	0.03 (J)	
8/15/2016	<0.082	
10/6/2016	<0.082	
12/1/2016	<0.082	
2/8/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	0.084 (J)	
3/21/2018	<0.082	
10/2/2018	<0.082	
3/27/2019	0.066 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.096 (J)	
9/9/2020	0.067 (J)	
4/1/2021		0.072 (J)
8/12/2021		0.085 (J)
2/15/2022		0.096 (J)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/20/2014	5.27	
11/12/2014	5.7	
5/22/2015	5.52	
11/11/2015	5.63	
4/6/2016	5.5 (D)	
6/15/2016	5.52	
8/10/2016	5.5	
10/4/2016	5.56	
11/30/2016	5.46	
2/7/2017	5.28 (O)	
4/1/2017	5.48	
4/4/2017	5.48	
6/20/2017	5.44	
10/4/2017	5.44	
3/20/2018	5.48	
10/2/2018	5.49	
3/26/2019	5.41	
3/18/2020	5.42	
9/9/2020	5.71	
4/1/2021		5.31
8/11/2021		5.5
2/15/2022		5.4

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/20/2014	6.18	
11/8/2014	6.52	
5/22/2015	6.3	
11/11/2015	6.36	
4/6/2016	6.46 (D)	
6/15/2016	6.39	
8/10/2016	6.39	
10/4/2016	6.4	
11/29/2016	6.36	
2/7/2017	6.45	
4/4/2017	6.37	
6/20/2017	6.4	
10/5/2017	6.42	
3/20/2018	6.36	
10/2/2018	6.38	
3/26/2019	6.42	
3/18/2020	6.29	
9/9/2020	6.33	
4/1/2021		6.44
8/11/2021		6.35
2/15/2022		6.46

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/20/2014	5.68	
11/8/2014	6.04	
5/22/2015	5.87	
11/9/2015	5.97	
4/6/2016	5.937 (D)	
6/15/2016	5.96	
8/10/2016	5.94	
10/5/2016	5.86	
11/29/2016	5.82	
2/7/2017	6.15	
4/4/2017	6	
6/20/2017	6.34	
10/5/2017	5.93	
3/20/2018	5.97	
10/2/2018	6.03	
3/26/2019	6.12	
3/18/2020	6.03	
9/9/2020	6.05	
4/1/2021		6.14
8/11/2021		6.14
2/15/2022		6.2

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/23/2014	6.46	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53 (D)	
6/16/2016	6.49	
8/11/2016	6.5	
10/4/2016	6.5	
11/30/2016	6.48	
2/7/2017	6.38	
4/5/2017	6.36	
6/20/2017	6.45	
10/4/2017	6.5	
3/20/2018	6.63	
10/2/2018	6.57	
3/26/2019	6.54	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021		6.52
10/18/2021		6.36
2/15/2022		6.83

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/21/2014	6.3	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42 (D)	
6/21/2016	6.36	
8/15/2016	6.3	
10/5/2016	6.25	
12/1/2016	6.32	
2/8/2017	6.04	
4/6/2017	6.35	
6/21/2017	6.2	
10/5/2017	6.21	
3/21/2018	6.56	
10/2/2018	6.35	
3/27/2019	6.53	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021		6.35
10/18/2021		6.25
2/15/2022		6.48

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/20/2014	6.14	
11/12/2014	6.33	
5/24/2015	6.04	
11/12/2015	6.31	
4/13/2016	6.17 (D)	
6/21/2016	6.19	
8/15/2016	6.15	
10/5/2016	6.1	
12/1/2016	6.15	
2/8/2017	5.9 (O)	
4/6/2017	6.13	
6/20/2017	6.12	
10/5/2017	6.11	
3/21/2018	6.21	
10/2/2018	6.21	
3/27/2019	6.22	
3/18/2020	6.17	
9/10/2020	6.16	
4/1/2021		6.11
8/11/2021		6.21
2/16/2022		6.16

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/20/2014	4.86	
11/12/2014	5.3	
5/23/2015	5.04	
11/12/2015	5.31	
4/13/2016	5.22 (D)	
6/21/2016	5.2	
8/15/2016	5.12	
10/5/2016	5.07	
10/7/2016	5.07	
12/1/2016	5.08	
2/8/2017	4.76 (O)	
4/5/2017	5.1	
6/20/2017	5.13	
10/5/2017	5.1	
3/21/2018	5.33	
10/2/2018	5.16	
3/26/2019	5.25	
3/18/2020	5.19	
9/10/2020	5.1	
4/1/2021		5.18
8/11/2021		5.2
2/16/2022		5.11

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/20/2014	5.6	
11/12/2014	6.02	
5/24/2015	5.81	
11/12/2015	5.93	
4/13/2016	5.88 (D)	
6/21/2016	5.9	
8/15/2016	5.86	
10/4/2016	5.85	
10/7/2016	5.85	
12/1/2016	5.85	
2/9/2017	5.92	
4/6/2017	5.85	
6/22/2017	5.9	
10/6/2017	5.88	
3/22/2018	5.88	
10/3/2018	5.95	
3/26/2019	5.89	
3/18/2020	5.81	
9/10/2020	5.83	
4/6/2021		5.95
8/11/2021		5.92
2/16/2022		5.79

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/20/2014	5.38	
11/12/2014	5.77	
5/24/2015	5.53	
11/11/2015	5.68	
4/13/2016	5.58 (D)	
6/21/2016	5.59	
8/15/2016	5.56	
10/4/2016	5.66	
12/1/2016	5.54	
2/7/2017	5.42 (O)	
4/6/2017	5.55	
6/20/2017	5.57	
10/5/2017	5.55	
3/20/2018	5.73	
10/2/2018	5.68	
3/26/2019	5.63	
3/18/2020	5.61	
9/9/2020	5.88	
4/1/2021		5.53
8/11/2021		5.61
2/16/2022		5.6

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/23/2014	6.19	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3 (D)	
6/16/2016	6.34	
8/11/2016	6.28	
10/5/2016	6.27	
11/29/2016	6.39	
2/8/2017	6.35	
4/6/2017	6.26	
6/21/2017	6.24	
10/5/2017	6.31	
3/20/2018	6.34	
10/2/2018	6.38	
3/26/2019	6.38	
3/18/2020	6.32	
9/9/2020	6.3	
4/1/2021		6.37
8/11/2021		6.43
2/16/2022		6.54

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/22/2014	6.37	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36 (D)	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021		6.37
6/1/2021		6.18
8/11/2021		6.35
2/16/2022		6.47

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/22/2014	6.74	
11/13/2014	6.94	
5/24/2015	7	
11/11/2015	6.55	
4/12/2016	6.52 (D)	
6/16/2016	6.38	
8/11/2016	6.38	
10/4/2016	6.39	
11/30/2016	6.38	
2/7/2017	6.43	
4/6/2017	6.23 (O)	
6/20/2017	6.36	
10/4/2017	6.35	
3/20/2018	6.52	
10/2/2018	6.51	
3/26/2019	6.44	
3/18/2020	6.41	
9/9/2020	6.44	
4/1/2021		7.32
8/12/2021		6.41
2/15/2022		6.61

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/22/2014	6.33	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53 (D)	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021		6.64
6/1/2021		6.39
8/11/2021		6.58
2/16/2022		6.71

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/22/2014	5.82	
11/9/2014	6.1	
5/22/2015	5.92	
11/16/2015	6.02	
4/12/2016	5.97 (D)	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021		6.01
8/12/2021		6.12
2/15/2022		5.87

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/22/2014	6.17	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44 (D)	
6/20/2016	6.33	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021		6.35
8/12/2021		6.3
2/15/2022		6.37

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/22/2014	5.89	
11/9/2014	6.14	
5/24/2015	5.7	
11/11/2015	5.78	
4/19/2016	5.55	
6/22/2016	5.6	
8/16/2016	5.7	
10/6/2016	5.64	
12/1/2016	5.62	
2/9/2017	5.64	
4/6/2017	5.66	
6/21/2017	5.68	
10/5/2017	5.64	
3/22/2018	5.9	
10/3/2018	5.74	
3/27/2019	5.78	
3/18/2020	5.81	
9/9/2020	6.08	
4/1/2021		6.01
8/12/2021		5.87
2/15/2022		6.16

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/21/2014	6.09	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021		6.36
6/2/2021		6.09
8/11/2021		6.14
2/15/2022		6.1

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/21/2014	6.25	
5/24/2015	6.32	
11/11/2015	6.35	
4/13/2016	6.42	
6/20/2016	6.4	
8/15/2016	6.31	
10/6/2016	6.27	
12/1/2016	6.28	
2/9/2017	6.32	
4/7/2017	6.28	
6/22/2017	6.29	
10/6/2017	5.96	
3/22/2018	6.34	
10/4/2018	6.36	
3/27/2019	6.38	
3/19/2020	6.41	
9/10/2020	6.32	
4/1/2021		6.4
8/11/2021		6.26
2/15/2022		6.22

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/21/2014	7.11	
11/13/2014	6.55	
5/23/2015	6.36	
11/11/2015	6.36	
4/19/2016	6.4	
6/23/2016	6.35	
8/23/2016	6.29	
10/10/2016	6.3	
12/1/2016	6.37	
2/9/2017	6.39	
2/27/2017	6.24	
4/7/2017	6.93	
6/21/2017	7.11 (D)	
8/15/2017	6.95	
9/1/2017	6.86	
10/9/2017	6.75	
3/22/2018	7.05	
10/4/2018	7.26	
3/27/2019	6.69	
3/18/2020	6.42	
9/9/2020	6.3	
4/5/2021		6.35
6/1/2021		6.28
8/12/2021		6.37
2/15/2022		6.34

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/21/2014	6.31	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021		6.28
8/12/2021		6.66
2/15/2022		6.61

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	0.799 (J)	
6/15/2016	<0.7	
8/10/2016	<0.7	
10/4/2016	<0.7	
11/30/2016	<0.7	
2/7/2017	0.8 (J)	
4/4/2017	<0.7	
6/20/2017	<0.7	
10/4/2017	<0.7	
3/20/2018	1.2	
10/2/2018	<0.7	
3/26/2019	2.1	
9/10/2019	0.65 (J)	
3/18/2020	3.1	
9/9/2020	1.6	
4/1/2021		2.7
8/11/2021		1.3
2/15/2022		2.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	<1	
6/15/2016	<1	
8/10/2016	<1	
10/4/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/10/2019	<1	
3/18/2020	0.67 (J)	
9/9/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/15/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	<1	
6/15/2016	<1	
8/10/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.58 (J)	
9/10/2019	0.44 (J)	
3/18/2020	0.51 (J)	
9/9/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/15/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	0.617 (J)	
6/16/2016	<1	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.92 (J)	
4/5/2017	1	
6/20/2017	0.76 (J)	
10/4/2017	<1	
3/20/2018	0.95 (J)	
10/2/2018	<1	
3/26/2019	0.53 (J)	
9/10/2019	0.69 (J)	
3/18/2020	0.84 (J)	
9/9/2020	0.77 (J)	
4/1/2021		<1
8/18/2021		0.79 (J)
2/15/2022		1.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.51 (JD)	
6/21/2016	0.58 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	1	
4/6/2017	0.81 (J)	
6/21/2017	1.1	
10/5/2017	1.1	
3/21/2018	1.1	
10/2/2018	1.2	
3/27/2019		1.6
9/11/2019		1.8
3/18/2020		2.4
9/9/2020		2.6
4/1/2021		2.7
8/17/2021		1.2
2/15/2022		3.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	<1 (D)	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/27/2019	<1	
9/11/2019	0.63 (J)	
3/18/2020	<1	
9/10/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/16/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	<1 (D)	
6/21/2016	0.2 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1 (D)	
10/2/2018	<1	
3/26/2019	0.49 (J)	
9/11/2019	0.5 (J)	
3/18/2020	1.3	
9/10/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/16/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	0.646 (JD)	
6/21/2016	0.57 (J)	
8/15/2016	<1	
10/7/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/6/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/26/2019	1.3	
9/11/2019	0.81 (J)	
3/18/2020	25 (o)	
9/10/2020	1.3	
4/6/2021		0.9 (J)
8/11/2021		0.89 (J)
2/16/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	<1 (D)	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/4/2016	<1	
12/1/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.64 (J)	
9/11/2019	0.5 (J)	
3/18/2020	<1	
9/9/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/16/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	<1	
6/16/2016	<1	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.39 (J)	
9/11/2019	0.61 (J)	
3/18/2020	0.62 (J)	
9/9/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/16/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	<1	
6/16/2016	<1	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/12/2019	<1	
3/19/2020	0.64 (J)	
9/9/2020	1.2	
6/1/2021		1.9
8/11/2021		<1
2/16/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	0.56 (J)	
6/16/2016	<1	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.99 (J)	
9/10/2019	0.63 (J)	
3/18/2020	0.59 (J)	
9/9/2020	0.59 (J)	
4/1/2021		1.1
8/12/2021		<1
2/15/2022		0.79 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	<1	
6/16/2016	<1	
8/11/2016	<1	
10/5/2016	<1	
11/30/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.45 (J)	
9/12/2019	<1	
3/19/2020	0.71 (J)	
9/10/2020	<1	
6/1/2021		1.4
8/11/2021		<1
2/16/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	0.419 (JD)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021		<1
8/12/2021		<1
2/15/2022		0.91 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	575 (o)	
6/22/2016	470	
8/16/2016	360	
10/6/2016	300	
12/1/2016	340	
2/9/2017	350	
4/6/2017	380	
6/21/2017	490	
10/5/2017	380	
3/22/2018	400	
10/3/2018	270	
3/27/2019	260	
9/11/2019	130	
3/18/2020	170	
9/9/2020	110	
4/1/2021		100
8/12/2021		140
2/15/2022		100

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	7.55	
6/20/2016	14	
8/16/2016	12	
10/6/2016	13	
11/30/2016	14	
2/9/2017	9.5	
4/6/2017	9.7	
6/21/2017	13	
10/6/2017	7.3	
3/21/2018	9.5	
10/3/2018	10	
3/26/2019	6.3	
9/11/2019	12	
3/18/2020	5.6	
9/10/2020	9.4	
6/2/2021		13
8/11/2021		11
2/15/2022		13

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	<1 (D)	
6/20/2016	0.36 (J)	
8/15/2016	<1	
10/6/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/4/2018	<1	
3/27/2019	0.51 (J)	
9/11/2019	0.52 (J)	
3/19/2020	0.54 (J)	
9/10/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/15/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	32.7	
10/10/2016	33	
12/1/2016	31	
2/9/2017	34	
4/7/2017	37	
6/21/2017	35	
8/15/2017	42	
9/1/2017	40	
3/22/2018	39	
10/4/2018	30	
3/27/2019	18	
9/11/2019	32	
3/18/2020	16	
9/9/2020	11	
6/1/2021		17
8/12/2021		27
2/15/2022		11

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	8.66 (D)	
6/22/2016	6.3	
8/15/2016	8	
10/6/2016	10	
12/1/2016	15	
2/8/2017	13	
4/6/2017	14	
6/21/2017	11	
10/5/2017	10	
3/21/2018	12	
10/2/2018	8.2	
3/27/2019	6.8	
9/11/2019	9.6	
3/18/2020	6.9	
9/9/2020	8.4	
4/1/2021		9.7
8/12/2021		9.7
2/15/2022		7.2

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	38	
6/15/2016	<10	
8/10/2016	56	
10/4/2016	48	
11/30/2016	46	
2/7/2017	18	
4/4/2017	32	
6/20/2017	38	
10/4/2017	42	
3/20/2018	20 (JX)	
10/2/2018	48	
3/26/2019	45	
9/10/2019	42	
3/18/2020	43	
9/9/2020	<10	
4/1/2021		55
8/11/2021		55
2/15/2022		42

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	84	
6/15/2016	139	
8/10/2016	80	
10/4/2016	62	
11/29/2016	110	
2/7/2017	70	
4/4/2017	120	
6/20/2017	76	
10/5/2017	110	
3/20/2018	110	
10/2/2018	110	
3/26/2019	100	
9/10/2019	75	
3/18/2020	93	
9/9/2020	66	
4/1/2021		100
8/11/2021		100
2/15/2022		99

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	61	
6/15/2016	113	
8/10/2016	74	
10/5/2016	44	
11/29/2016	58	
2/7/2017	4 (J)	
4/4/2017	78	
6/20/2017	50	
10/5/2017	64	
3/20/2018	90	
10/2/2018	90	
3/26/2019	82	
9/10/2019	51	
3/18/2020	75	
9/9/2020	64	
4/1/2021		68
8/11/2021		94
2/15/2022		79

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	147	
6/16/2016	150	
8/11/2016	110	
10/4/2016	140	
11/30/2016	130	
2/7/2017	130	
4/5/2017	130	
6/20/2017	120	
10/4/2017	130	
3/20/2018	110	
10/2/2018	140	
3/26/2019	150	
9/10/2019	130	
3/18/2020	130	
9/9/2020	120	
4/1/2021		120
8/18/2021		150
2/15/2022		120

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	103 (D)	
6/21/2016	214 (O)	
8/15/2016	130	
10/5/2016	84	
12/1/2016	130	
2/8/2017	130	
4/6/2017	130	
6/21/2017	120	
10/5/2017	140	
3/21/2018	120	
10/2/2018	150	
3/27/2019	140	
9/11/2019	110	
3/18/2020	140	
9/9/2020	160	
4/1/2021		140
8/17/2021		160
2/15/2022		150

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	99 (D)	
6/21/2016	293	
8/15/2016	90	
10/5/2016	70	
12/1/2016	120	
2/8/2017	86	
4/6/2017	130	
6/20/2017	86	
10/5/2017	94	
3/21/2018	100	
10/2/2018	120	
3/27/2019	100	
9/11/2019	94	
3/18/2020	100	
9/10/2020	95	
4/1/2021		90
8/11/2021		120
2/16/2022		79

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	<5 (D)	
6/21/2016	110	
8/15/2016	<5	
10/5/2016	<5	
12/1/2016	16	
2/8/2017	12	
4/5/2017	18	
6/20/2017	<5	
10/5/2017	28	
3/21/2018	28 (JX)	
10/2/2018	38	
3/26/2019	29	
9/11/2019	14	
3/18/2020	26	
9/10/2020	13	
4/1/2021		17
8/11/2021		18
2/16/2022		16

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	60 (D)	
6/21/2016	195 (O)	
8/15/2016	42	
10/7/2016	24	
12/1/2016	68	
2/9/2017	56	
4/6/2017	68	
6/22/2017	56	
10/6/2017	90	
3/22/2018	76	
10/3/2018	22	
3/26/2019	59	
9/11/2019	33	
3/18/2020	100	
9/10/2020	60	
4/6/2021		55
8/11/2021		75
2/16/2022		55

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	56 (D)	
6/21/2016	68	
8/15/2016	46	
10/4/2016	60	
12/1/2016	70	
2/7/2017	40	
4/6/2017	74	
6/20/2017	34	
10/5/2017	98	
3/20/2018	42	
10/2/2018	40	
3/26/2019	60	
9/11/2019	26	
3/18/2020	57	
9/9/2020	54	
4/1/2021		43
8/11/2021		71
2/16/2022		46

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	89	
6/16/2016	88	
8/11/2016	52	
10/5/2016	76	
11/29/2016	72	
2/8/2017	74	
4/6/2017	84	
6/21/2017	88	
10/5/2017	110	
3/20/2018	92	
10/2/2018	100	
3/26/2019	94	
9/11/2019	77	
3/18/2020	92	
9/9/2020	77	
4/1/2021		62
8/11/2021		98
2/16/2022		70

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	99	
6/16/2016	102	
8/11/2016	38	
10/5/2016	26	
11/29/2016	82	
2/8/2017	78	
4/5/2017	100	
6/21/2017	100	
10/5/2017	100	
3/20/2018	100	
10/2/2018	130	
3/26/2019	100	
9/12/2019	70	
3/19/2020	110	
9/9/2020	120	
6/1/2021		130
8/11/2021		120
2/16/2022		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	93	
6/16/2016	130	
8/11/2016	92	
10/4/2016	120	
11/30/2016	130	
2/7/2017	36	
4/6/2017	150	
6/20/2017	92	
10/4/2017	120	
3/20/2018	120	
10/2/2018	140	
3/26/2019	130	
9/10/2019	140	
3/18/2020	140	
9/9/2020	110	
4/1/2021		120
8/12/2021		130
2/15/2022		120

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	104	
6/16/2016	111	
8/11/2016	70	
10/5/2016	92	
11/30/2016	92	
2/8/2017	98	
4/6/2017	92	
6/21/2017	100	
10/5/2017	130	
3/21/2018	100	
10/3/2018	130	
3/26/2019	110	
9/12/2019	84	
3/19/2020	120	
9/10/2020	110	
6/1/2021		120
8/11/2021		110
2/16/2022		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	92 (D)	
6/20/2016	78	
8/16/2016	76	
10/5/2016	64	
11/30/2016	82	
2/8/2017	92	
4/6/2017	88	
6/21/2017	88	
10/5/2017	86	
3/21/2018	98	
10/3/2018	60	
3/26/2019	86	
9/10/2019	66	
3/18/2020	72	
9/10/2020	59	
4/6/2021		81
8/12/2021		89
2/15/2022		53

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	80	
6/20/2016	111	
8/16/2016	100	
10/6/2016	110	
11/30/2016	110	
2/8/2017	120	
4/6/2017	130	
6/22/2017	110	
10/6/2017	120	
3/21/2018	160	
10/3/2018	120	
3/26/2019	130	
9/10/2019	93	
3/19/2020	130	
9/10/2020	130	
4/2/2021		150
8/12/2021		130
2/15/2022		140

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	1290	
6/22/2016	1060	
8/16/2016	880	
10/6/2016	820	
12/1/2016	900	
2/9/2017	940	
4/6/2017	1100	
6/21/2017	1200	
10/5/2017	950	
3/22/2018	1000	
10/3/2018	620	
3/27/2019	580	
9/11/2019	310	
3/18/2020	430	
9/9/2020	270	
4/1/2021		260
8/12/2021		370
2/15/2022		290

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	138	
6/20/2016	154	
8/16/2016	140	
10/6/2016	150	
11/30/2016	160	
2/9/2017	160	
4/6/2017	140	
6/21/2017	150	
10/6/2017	160	
3/21/2018	170	
10/3/2018	120	
3/26/2019	130	
9/11/2019	120	
3/18/2020	140	
9/10/2020	140	
6/2/2021		140
8/11/2021		160
2/15/2022		140

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	130 (D)	
6/20/2016	116	
8/15/2016	92	
10/6/2016	110	
12/1/2016	140	
2/9/2017	120	
4/7/2017	120	
6/22/2017	100	
10/6/2017	140	
3/22/2018	130	
10/4/2018	110	
3/27/2019	120	
9/11/2019	100	
3/19/2020	98	
9/10/2020	120	
4/1/2021		110
8/11/2021		130
2/15/2022		140

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	179	
10/10/2016	110 (O)	
12/1/2016	170	
2/9/2017	180	
4/7/2017	200	
6/21/2017	190	
8/15/2017	190	
9/1/2017	160	
3/22/2018	220	
10/17/2018	170	
3/27/2019	300	
9/11/2019	210	
3/18/2020	300	
9/9/2020	360	
6/1/2021		340
8/12/2021		240
2/15/2022		330

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	135 (D)	
6/22/2016	199	
8/15/2016	120	
10/6/2016	140	
12/1/2016	160	
2/8/2017	130	
4/6/2017	140	
6/21/2017	150	
10/5/2017	170	
3/21/2018	160	
10/2/2018	34	
3/27/2019	140	
9/11/2019	130	
3/18/2020	130	
9/9/2020	150	
4/1/2021		120
8/12/2021		150
2/15/2022		140

FIGURE F.

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:51 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	2/15/2022	0.055	Yes	96	n/a		n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2

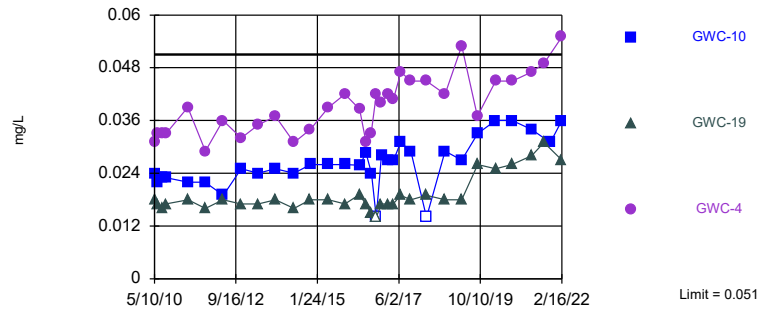
Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:51 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-10	0.051	n/a	2/15/2022	0.036	No	96	n/a	n/a	n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-19	0.051	n/a	2/16/2022	0.027	No	96	n/a	n/a	n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.051	n/a	2/15/2022	0.055	Yes	96	n/a	n/a	n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2

Exceeds Limit: GWC-4

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 96 background values. 2.083% NDs. Annual per-constituent alpha = 0.007067. Individual comparison alpha = 0.0002086 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

Constituent: Barium, Total Analysis Run 4/8/2022 9:50 AM View: Appendix I - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Barium, T Total (mg/L) Analysis Run 4/8/2022 9:51 AM View: Appendix I - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-10	GWC-4	GWC-19
5/8/2010	0.048 (J)					
5/9/2010		0.01 (J)	0.031 (J)			
5/10/2010				0.024 (J)		
5/11/2010					0.031 (J)	0.018 (J)
6/16/2010	0.044 (J)		0.029 (J)	0.022 (J)		0.017 (J)
6/17/2010					0.033 (J)	
6/18/2010		0.01 (J)				
7/26/2010	0.042 (J)					
7/27/2010			0.029 (J)			0.016 (J)
7/28/2010		0.011 (J)		0.023 (J)	0.033 (J)	
9/7/2010	0.04 (J)		0.028 (J)			0.017 (J)
9/8/2010				0.023 (J)	0.033 (J)	
9/9/2010		0.011 (J)				
4/28/2011					0.039 (J)	
4/29/2011	0.038 (J)		0.026 (J)	0.022 (J)		0.018 (J)
4/30/2011		0.0091 (J)				
10/27/2011				0.022		
10/28/2011	0.034	0.0096 (J)	0.025			0.016
10/29/2011					0.029	
5/2/2012	0.03	0.012	0.025			0.018
5/3/2012					0.036	
5/4/2012				0.019		
11/9/2012	0.039 (V)	0.012 (V)	0.028 (V)			0.017 (V)
11/10/2012					0.032 (V)	
11/11/2012				0.025 (V)		
5/8/2013	0.034	0.01	0.029			
5/9/2013				0.024		0.017
5/10/2013					0.035	
11/5/2013		0.0098 (J)		0.025		
11/6/2013	0.032		0.026		0.037	0.018 (V)
5/20/2014	0.03	0.0081 (J)	0.025			
5/21/2014				0.024		
5/22/2014					0.031	0.016
11/8/2014	0.031		0.026			0.018
11/9/2014					0.034	
11/12/2014		0.0098 (J)		0.026		
5/22/2015	0.033	0.0088 (J)	0.026		0.039	
5/23/2015				0.026		0.018
11/9/2015	0.034		0.024			
11/10/2015						0.017
11/11/2015		0.011			0.042	
11/12/2015				0.026		
4/6/2016	0.0347	0.00959 (J)	0.026			
4/11/2016						0.0191
4/12/2016					0.0386	
4/13/2016				0.0258 (D)		
6/15/2016	0.029	0.0091 (J)	0.023			
6/16/2016						0.017
6/20/2016					0.031	
6/21/2016				0.0286		
8/10/2016	0.027	0.009	0.022			
8/11/2016						0.015

Prediction Limit

Constituent: Barium, T Total (mg/L) Analysis Run 4/8/2022 9:51 AM View: Appendix I - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-10	GWC-4	GWC-19
8/12/2016					0.033	
8/15/2016				0.024		
10/4/2016		<0.028	0.024			
10/5/2016	<0.028			<0.028		<0.028
10/6/2016					0.042	
11/29/2016	0.024		0.023			0.017
11/30/2016		0.011			0.04	
12/1/2016				0.028		
2/7/2017	0.029	0.0099	0.024			
2/8/2017				0.027	0.042	0.017
4/4/2017	0.03	0.0092	0.022			
4/5/2017						0.017
4/6/2017				0.027	0.041	
6/20/2017	0.036	0.0099	0.025			
6/21/2017				0.031		0.019
6/22/2017					0.047	
10/4/2017		0.0098				
10/5/2017	0.027		0.023	0.029		0.018
10/6/2017					0.045	
3/20/2018	0.027	0.01	0.023			0.019
3/21/2018				<0.028 (X)	0.045	
10/2/2018	0.027	0.0099	0.023	0.029		0.018
10/3/2018					0.042	
3/26/2019	0.031	0.0099	0.024		0.053	0.018
3/27/2019				0.027		
9/10/2019	0.051	0.011	0.039		0.037	
9/11/2019				0.033		
9/12/2019						0.026
3/18/2020	0.031	0.01	0.027	0.036		
3/19/2020					0.045	0.025
9/9/2020	0.033	0.01	0.024	0.036		0.026
9/10/2020					0.045	
4/1/2021	0.029	0.0092 (J)	0.024	0.034		
4/2/2021					0.047	
4/5/2021						0.028
8/11/2021	0.029	0.01	0.023			0.031
8/12/2021					0.049	
10/18/2021				0.031		
2/15/2022	0.031	0.012	0.024	0.036	0.055	
2/16/2022						0.027

FIGURE G.

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:09 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-8A	14	n/a	2/15/2022	49	Yes	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.1	n/a	2/15/2022	0.12	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.1	n/a	2/15/2022	0.16	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-1	6.52	5.27	2/15/2022	6.83	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-18	6.52	5.27	2/16/2022	6.54	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	6.52	5.27	2/16/2022	6.71	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.1	n/a	2/15/2022	3.5	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	2/15/2022	20	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2

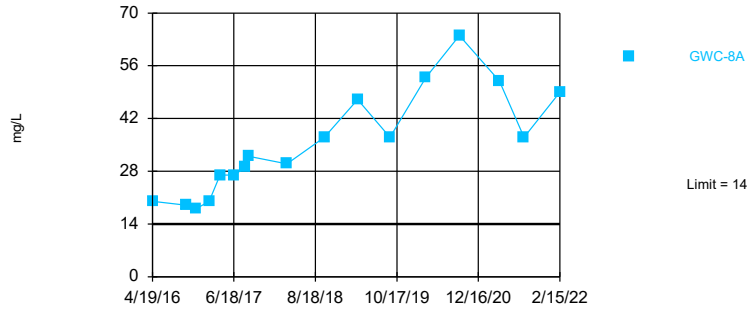
Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:09 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-8A	14	n/a	2/15/2022	49	Yes	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	7.2	n/a	2/15/2022	4.6	No	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	7.2	n/a	2/15/2022	2.7	No	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.1	n/a	2/15/2022	0.12	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.1	n/a	2/15/2022	0.16	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-1	6.52	5.27	2/15/2022	6.83	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-18	6.52	5.27	2/16/2022	6.54	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	6.52	5.27	2/16/2022	6.71	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-5	6.52	5.27	2/15/2022	6.16	No	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-1	3.1	n/a	2/15/2022	1.5	No	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-10	3.1	n/a	2/15/2022	3.5	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	2/15/2022	20	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2

Exceeds Limit: GWC-8A

Prediction Limit
Interwell Non-parametric

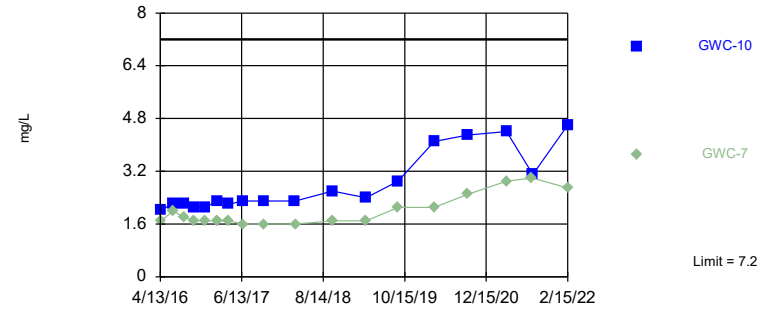


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 54 background values. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Assumes 16 future values.

Constituent: Calcium Analysis Run 4/8/2022 10:08 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Interwell Non-parametric

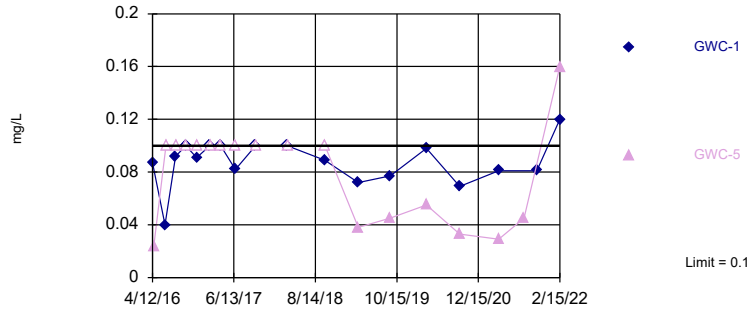


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 54 background values. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

Constituent: Chloride Analysis Run 4/8/2022 10:08 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit: GWC-1, GWC-5

Prediction Limit
Interwell Non-parametric

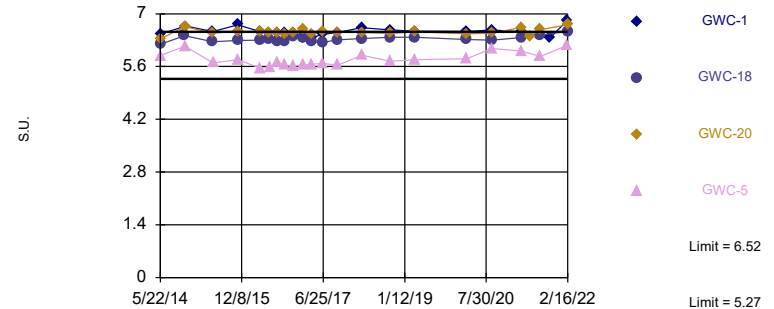


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 54 background values. 62.96% NDs. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

Constituent: Fluoride Analysis Run 4/8/2022 10:08 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limits: GWC-1, GWC-18, GWC-20

Prediction Limit
Interwell Non-parametric

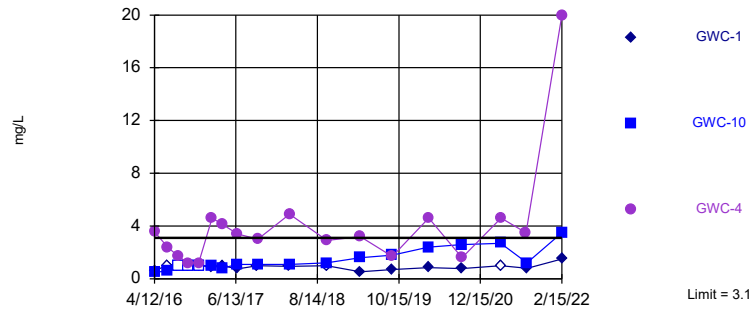


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 63 background values. Annual per-constituent alpha = 0.03172. Individual comparison alpha = 0.0009402 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

Constituent: pH Analysis Run 4/8/2022 10:08 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit: GWC-10, GWC-4

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 54 background values. 74.07% NDs. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:09 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-8A
4/6/2016	3.62	6.58	12.1	
4/19/2016				20
6/15/2016	4.5	6.9	11.8	
8/10/2016	3.8	5.5	10	
10/4/2016	5.3		14	
10/5/2016		6.8		
10/10/2016				19
11/29/2016		4.8	10	
11/30/2016	4.7			
12/1/2016				18
2/7/2017	3.8	7.8	12	
2/9/2017				20
4/4/2017	3.8	6.4	11	
4/7/2017				27
6/20/2017	4.1	7	11	
6/21/2017				27 (D)
8/15/2017				29
9/1/2017				32
10/4/2017	4.6			
10/5/2017		6.6	13	
3/20/2018	4.2 (D)	6.6	12	
3/22/2018				30
10/2/2018	4.2	5.8	11	
10/4/2018				37
3/26/2019	4	6.7	11	
3/27/2019				47
9/10/2019	4.8	7.5	12	
9/11/2019				37
3/18/2020	3.8	7.3	12	53
9/9/2020	4	7.3	11	64
4/1/2021	4	7.8	12	
4/5/2021				52
8/11/2021	4.1	7.3	11	
8/12/2021				37
2/15/2022	3.6	7.1	10	49

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:09 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-10	GWC-7
4/6/2016	5.342	1.69	1.789		
4/13/2016				2.04 (D)	1.68 (D)
6/15/2016	5.2	1.9	2.1		
6/20/2016					2
6/21/2016				2.2	
8/10/2016	5.5	1.7	1.8		
8/15/2016				2.2	1.8
10/4/2016	5.4		1.7		
10/5/2016		1.6		2.1	
10/6/2016					1.7
11/29/2016		1.7	1.7		
11/30/2016	5.4				
12/1/2016				2.1	1.7
2/7/2017	5.1	1.6	1.6		
2/8/2017				2.3	
2/9/2017					1.7
4/4/2017	5.1	1.5	1.6		
4/6/2017				2.2	
4/7/2017					1.7
6/20/2017	5.2	1.5	1.6		
6/21/2017				2.3	
6/22/2017					1.6
10/4/2017	5.2				
10/5/2017		1.5	1.5	2.3	
10/6/2017					1.6
3/20/2018	5.6 (D)	1.4	1.5		
3/21/2018				2.3	
3/22/2018					1.6
10/2/2018	6.3	1.5	1.6	2.6	
10/4/2018					1.7
3/26/2019	5.5	1.3	1.5		
3/27/2019				2.4	1.7
9/10/2019	5.2	1.3	1.4		
9/11/2019				2.9	2.1
3/18/2020	5.4	2	1.7	4.1	
3/19/2020					2.1
9/9/2020	6.1	1.3	1.6	4.3	
9/10/2020					2.5
4/1/2021	7	1.5	1.8	4.4	2.9
8/11/2021	7.2	1.4	1.8		3
8/17/2021				3.1	
2/15/2022	6.5	1.4	1.6	4.6	2.7

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:09 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-1	GWC-5
4/6/2016	0.017 (J)	0.039 (J)	0.048 (J)		
4/12/2016				0.087 (J)	
4/19/2016					0.024 (J)
6/15/2016	<0.1	<0.1	<0.1		
6/16/2016				0.04 (J)	
6/22/2016					<0.1
8/10/2016	<0.1	<0.1	<0.1		
8/11/2016				0.092 (J)	
8/16/2016					<0.1
10/4/2016	<0.1		<0.1	<0.1	
10/5/2016		<0.1			
10/6/2016					<0.1
11/29/2016		<0.1	<0.1		
11/30/2016	<0.1			0.091 (J)	
12/1/2016					<0.1
2/7/2017	<0.1	<0.1	<0.1	<0.1	
2/9/2017					<0.1
4/4/2017	<0.1	<0.1	<0.1		
4/5/2017				<0.1	
4/6/2017					<0.1
6/20/2017	<0.1	<0.1	<0.1	0.082 (J)	
6/21/2017					<0.1
10/4/2017	<0.1			<0.1	
10/5/2017		<0.1	<0.1		<0.1
3/20/2018	<0.1 (D)	<0.1	<0.1	<0.1	
3/22/2018					<0.1
10/2/2018	<0.1	<0.1	<0.1	0.089 (J)	
10/3/2018					<0.1
3/26/2019	<0.1	0.042 (J)	0.041 (J)	0.072 (J)	
3/27/2019					0.038 (J)
9/10/2019	<0.1	0.046 (J)	0.047 (J)	0.077 (J)	
9/11/2019					0.045 (J)
3/18/2020	0.036 (J)	0.071 (J)	0.041 (J)	0.098 (J)	0.055 (J)
9/9/2020	<0.1	0.036 (J)	0.034 (J)	0.069 (J)	0.033 (J)
4/1/2021	<0.1	0.042 (J)	0.035 (J)	0.081 (J)	0.029 (J)
8/11/2021	0.036 (J)	0.053 (J)	0.05 (J)		
8/12/2021					0.045 (J)
10/18/2021				0.081 (J)	
2/15/2022	0.054 (J)	0.083 (J)	0.079 (J)	0.12	0.16

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:09 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-20	GWC-5	GWC-18	GWC-1
5/20/2014	5.27	5.68	6.18				
5/22/2014				6.33	5.89		
5/23/2014						6.19	6.46
11/8/2014		6.04	6.52			6.42	
11/9/2014				6.66	6.14		
11/12/2014	5.7						
11/13/2014							6.67
5/22/2015	5.52	5.87	6.3	6.49		6.26	
5/23/2015							6.53
5/24/2015					5.7		
11/9/2015		5.97					
11/10/2015				6.53		6.29	
11/11/2015	5.63		6.36		5.78		6.71
4/6/2016	5.5 (D)	5.937 (D)	6.46 (D)				
4/11/2016						6.3 (D)	
4/12/2016				6.53 (D)			6.53 (D)
4/19/2016					5.55		
6/15/2016	5.52	5.96	6.39				
6/16/2016				6.51		6.34	6.49
6/22/2016					5.6		
8/10/2016	5.5	5.94	6.39				
8/11/2016				6.49		6.28	6.5
8/16/2016					5.7		
10/4/2016	5.56		6.4				6.5
10/5/2016		5.86		6.46		6.27	
10/6/2016					5.64		
11/29/2016		5.82	6.36			6.39	
11/30/2016	5.46			6.5			6.48
12/1/2016					5.62		
2/7/2017	5.28 (O)	6.15	6.45				6.38
2/8/2017				6.59		6.35	
2/9/2017					5.64		
4/1/2017	5.48						
4/4/2017	5.48	6	6.37				
4/5/2017							6.36
4/6/2017				6.47	5.66	6.26	
6/20/2017	5.44	6.34	6.4				6.45
6/21/2017				6.53	5.68	6.24	
10/4/2017	5.44						6.5
10/5/2017		5.93	6.42	6.51	5.64	6.31	
3/20/2018	5.48	5.97	6.36			6.34	6.63
3/21/2018				6.5			
3/22/2018					5.9		
10/2/2018	5.49	6.03	6.38			6.38	6.57
10/3/2018				6.48	5.74		
3/26/2019	5.41	6.12	6.42	6.52		6.38	6.54
3/27/2019					5.78		
3/18/2020	5.42	6.03	6.29		5.81	6.32	6.53
3/19/2020				6.47			
9/9/2020	5.71	6.05	6.33		6.08	6.3	6.57
9/10/2020				6.49			
4/1/2021	5.31	6.14	6.44		6.01	6.37	6.52

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:09 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-20	GWC-5	GWC-18	GWC-1
4/5/2021				6.64			
6/1/2021				6.39			
8/11/2021	5.5	6.14	6.35	6.58		6.43	
8/12/2021					5.87		
10/18/2021							6.36
2/15/2022	5.4	6.2	6.46		6.16		6.83
2/16/2022				6.71		6.54	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:09 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-1	GWC-4	GWC-10
4/6/2016	0.799 (J)	<1	<1			
4/12/2016				0.617 (J)	3.56	
4/13/2016						0.51 (JD)
6/15/2016	<1	<1	<1			
6/16/2016				<1		
6/20/2016					2.4	
6/21/2016						0.58 (J)
8/10/2016	<1	<1	<1			
8/11/2016				<1		
8/15/2016						<1
8/16/2016					1.7	
10/4/2016	<1		<1	<1		
10/5/2016		<1				<1
10/6/2016					1.2	
11/29/2016		<1	<1			
11/30/2016	<1			<1	1.2	
12/1/2016						<1
2/7/2017	0.8 (J)	<1	<1	0.92 (J)		
2/8/2017					4.6	1
4/4/2017	<1	<1	<1			
4/5/2017				1		
4/6/2017					4.1	0.81 (J)
6/20/2017	<1	<1	<1	0.76 (J)		
6/21/2017						1.1
6/22/2017					3.4	
10/4/2017	<1			<1		
10/5/2017		<1	<1			1.1
10/6/2017					3	
3/20/2018	1.2	<1	<1	0.95 (J)		
3/21/2018					4.9	1.1
10/2/2018	<1	<1	<1	<1		1.2
10/3/2018					2.9	
3/26/2019	2.1	0.58 (J)	<1	0.53 (J)	3.2	
3/27/2019						1.6
9/10/2019	0.65 (J)	0.44 (J)	<1	0.69 (J)	1.7	
9/11/2019						1.8
3/18/2020	3.1	0.51 (J)	0.67 (J)	0.84 (J)		2.4
3/19/2020					4.6	
9/9/2020	1.6	<1	<1	0.77 (J)		2.6
9/10/2020					1.6	
4/1/2021	2.7	<1	<1	<1		2.7
4/2/2021					4.6	
8/11/2021	1.3	<1	<1			
8/12/2021					3.5	
8/17/2021						1.2
8/18/2021				0.79 (J)		
2/15/2022	2.6	<1	<1	1.5	20	3.5

FIGURE H.

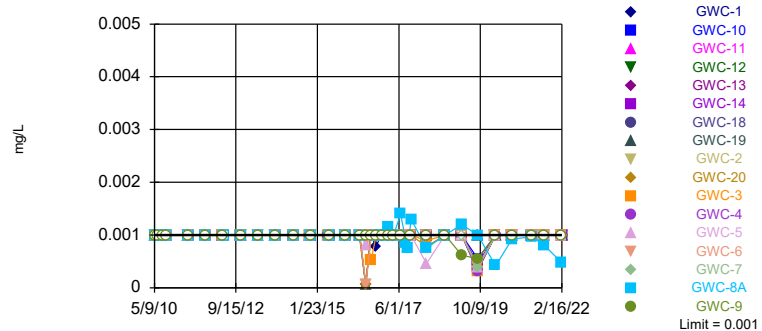
Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Arsenic, Total (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-10	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-11	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-12	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-14	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-18	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-19	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-2	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-20	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-3	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-4	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-5	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-7	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-8A	0.001	n/a	2/15/2022	0.00047J	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	81	n/a	n/a	n/a	100	n/a	n/a	0.0002883 NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	81	n/a	n/a	n/a	100	n/a	n/a	0.0002883 NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	81	n/a	n/a	n/a	100	n/a	n/a	0.0002883 NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
 Interwell Non-parametric

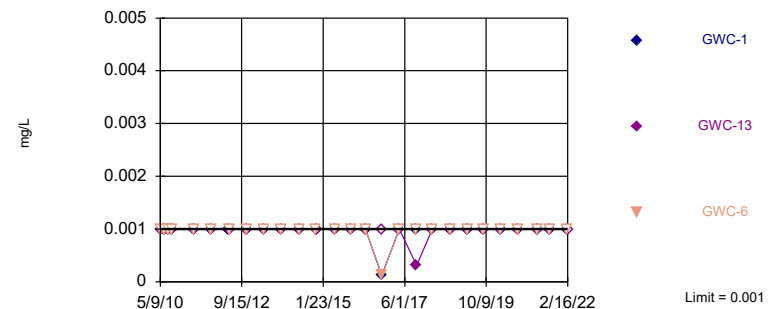


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 96 background values. 96.88% NDs. Annual per-constituent alpha = 0.007067. Individual comparison alpha = 0.0002086 (1 of 2). Comparing 17 points to limit.

Constituent: Arsenic, Total Analysis Run 4/8/2022 10:14 AM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 81) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.009754. Individual comparison alpha = 0.0002883 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

Constituent: Silver Analysis Run 4/8/2022 10:14 AM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-12	GWC-13	GWC-11	GWC-7	GWC-10
4/2/2021									
4/5/2021									
4/6/2021						<0.001			
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/12/2021									
8/17/2021									<0.001
8/18/2021									
2/15/2022	<0.001	<0.001		<0.001				<0.001	<0.001
2/16/2022			<0.001		<0.001	<0.001	<0.001		

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-8A	GWC-18	GWC-6	GWC-19	GWC-5	GWC-4	GWC-2	GWC-3
5/8/2010									
5/9/2010									
5/10/2010	<0.001	<0.001	<0.001						
5/11/2010				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001		<0.001		<0.001				
6/17/2010							<0.001		<0.001
6/18/2010				<0.001		<0.001			
6/19/2010		<0.001						<0.001	
7/26/2010			<0.001						
7/27/2010	<0.001			<0.001	<0.001	<0.001		<0.001	
7/28/2010		<0.001					<0.001		<0.001
7/29/2010									
9/7/2010			<0.001		<0.001				<0.001
9/8/2010	<0.001	<0.001					<0.001		
9/9/2010				<0.001		<0.001		<0.001	
4/26/2011									
4/28/2011							<0.001	<0.001	
4/29/2011	<0.001		<0.001		<0.001	<0.001			<0.001
4/30/2011		<0.001		<0.001					
10/27/2011	<0.001	<0.001							
10/28/2011			<0.001		<0.001	<0.001		<0.001	<0.001
10/29/2011				<0.001			<0.001		
5/2/2012			<0.001		<0.001				
5/3/2012	<0.001						<0.001	<0.001	<0.001
5/4/2012		<0.001		<0.001		<0.001			
11/9/2012			<0.001		<0.001			<0.001	<0.001
11/10/2012				<0.001		<0.001	<0.001		
11/11/2012	<0.001	<0.001							
5/8/2013			<0.001						
5/9/2013	<0.001			<0.001	<0.001	<0.001		<0.001	
5/10/2013		<0.001					<0.001		<0.001
11/5/2013								<0.001	
11/6/2013	<0.001		<0.001		<0.001	<0.001	<0.001		<0.001
11/7/2013		<0.001		<0.001					
5/20/2014									
5/21/2014	<0.001	<0.001		<0.001					
5/22/2014					<0.001	<0.001	<0.001	<0.001	<0.001
5/23/2014			<0.001						
11/8/2014			<0.001		<0.001				
11/9/2014				<0.001		<0.001	<0.001		<0.001
11/12/2014	<0.001								
11/13/2014		<0.001						<0.001	
5/22/2015			<0.001				<0.001		<0.001
5/23/2015	<0.001	<0.001			<0.001				
5/24/2015				<0.001		<0.001		<0.001	
11/9/2015									
11/10/2015			<0.001		<0.001				<0.001
11/11/2015		<0.001		<0.001		<0.001	<0.001	<0.001	
11/12/2015	<0.001								
4/6/2016									
4/11/2016			<0.001		<0.001				
4/12/2016				<0.001			<0.001	<0.001	<0.001 (D)

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-8A	GWC-18	GWC-6	GWC-19	GWC-5	GWC-4	GWC-2	GWC-3
4/13/2016	<0.001 (D)								
4/19/2016		<0.001				<0.001			
6/15/2016									
6/16/2016			<0.001		5.1E-05 (J)			5.5E-05 (J)	
6/20/2016				6.3E-05 (J)			<0.001		<0.001
6/21/2016									
6/22/2016	<0.001					0.0008			
8/10/2016									
8/11/2016			<0.001		<0.001			<0.001	
8/12/2016				<0.001			<0.001		0.00053 (J)
8/15/2016	<0.001								
8/16/2016						<0.001			
10/4/2016								<0.001	
10/5/2016			<0.001		<0.001				<0.001
10/6/2016	<0.001			<0.001		<0.001	<0.001		
10/7/2016									
10/10/2016		<0.001							
11/29/2016			<0.001		<0.001				
11/30/2016				<0.001			<0.001	<0.001	<0.001
12/1/2016	<0.001	<0.001				<0.001			
2/7/2017								<0.001	
2/8/2017	<0.001		<0.001		<0.001		<0.001		<0.001
2/9/2017		0.00115 (D)		<0.001		<0.001			
4/4/2017									
4/5/2017					<0.001				
4/6/2017	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001							
6/20/2017								<0.001	
6/21/2017	<0.001	0.0014	<0.001	<0.001	<0.001	<0.001			<0.001
6/22/2017							<0.001		
8/15/2017		0.00086							
9/1/2017		0.00075							
10/4/2017								<0.001	
10/5/2017	<0.001		<0.001		<0.001	<0.001			<0.001
10/6/2017				<0.001			<0.001		
10/9/2017		0.0013							
3/20/2018			<0.001		<0.001			<0.001	
3/21/2018	<0.001			<0.001			<0.001		0.00089
3/22/2018		0.00075				0.00046 (J)			
10/2/2018	<0.001		<0.001		<0.001			<0.001	
10/3/2018				<0.001		<0.001	<0.001		<0.001
10/4/2018		<0.001							
3/26/2019			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
3/27/2019	0.00062	0.0012				<0.001			
9/10/2019							0.00032 (J)	0.00038 (J)	0.00032 (J)
9/11/2019	0.00055 (J)	0.001 (J)	0.00043 (J)	0.00041 (J)		0.00038 (J)			
9/12/2019					<0.001				
3/18/2020	<0.001	0.00042 (J)	<0.001	<0.001		<0.001		<0.001	<0.001
3/19/2020					<0.001		<0.001		
9/9/2020	<0.001	0.00092 (J)	<0.001		<0.001	<0.001		<0.001	
9/10/2020				<0.001			<0.001		<0.001
4/1/2021	<0.001		<0.001			<0.001		<0.001	

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-8A	GWC-18	GWC-6	GWC-19	GWC-5	GWC-4	GWC-2	GWC-3
4/2/2021							<0.001		
4/5/2021		0.00097 (J)		<0.001	<0.001				
4/6/2021									<0.001
8/11/2021			<0.001	<0.001	<0.001				
8/12/2021	<0.001	0.00081 (J)				<0.001	<0.001	<0.001	<0.001
8/17/2021									
8/18/2021									
2/15/2022	<0.001	0.00047 (J)		<0.001		<0.001	<0.001	<0.001	<0.001
2/16/2022			<0.001		<0.001				

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-20
5/8/2010		
5/9/2010		
5/10/2010		
5/11/2010	<0.001	<0.001
6/16/2010		
6/17/2010	<0.001	<0.001
6/18/2010		
6/19/2010		
7/26/2010		
7/27/2010	<0.001	<0.001
7/28/2010		
7/29/2010		
9/7/2010		<0.001
9/8/2010		
9/9/2010	<0.001	
4/26/2011		
4/28/2011	<0.001	
4/29/2011		<0.001
4/30/2011		
10/27/2011		
10/28/2011		<0.001
10/29/2011	<0.001	
5/2/2012		
5/3/2012	<0.001	<0.001
5/4/2012		
11/9/2012	<0.001	
11/10/2012		<0.001
11/11/2012		
5/8/2013		
5/9/2013	<0.001	<0.001
5/10/2013		
11/5/2013	<0.001	
11/6/2013		<0.001
11/7/2013		
5/20/2014		
5/21/2014		
5/22/2014		<0.001
5/23/2014	<0.001	
11/8/2014		
11/9/2014		<0.001
11/12/2014		
11/13/2014	<0.001	
5/22/2015		
5/23/2015	<0.001	
5/24/2015		<0.001
11/9/2015		
11/10/2015		<0.001
11/11/2015	<0.001	
11/12/2015		
4/6/2016		
4/11/2016		
4/12/2016	<0.001	<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-20
4/13/2016		
4/19/2016		
6/15/2016		
6/16/2016	6E-05 (J)	5.4E-05 (J)
6/20/2016		
6/21/2016		
6/22/2016		
8/10/2016		
8/11/2016	<0.001	<0.001
8/12/2016		
8/15/2016		
8/16/2016		
10/4/2016	0.00079	
10/5/2016		<0.001
10/6/2016		
10/7/2016		
10/10/2016		
11/29/2016		
11/30/2016	<0.001	<0.001
12/1/2016		
2/7/2017	<0.001	
2/8/2017		<0.001
2/9/2017		
4/4/2017		
4/5/2017	<0.001	
4/6/2017		<0.001
4/7/2017		
6/20/2017	<0.001	
6/21/2017		<0.001
6/22/2017		
8/15/2017		
9/1/2017		
10/4/2017	<0.001	
10/5/2017		<0.001
10/6/2017		
10/9/2017		
3/20/2018	<0.001	
3/21/2018		0.00078
3/22/2018		
10/2/2018	<0.001	
10/3/2018		<0.001
10/4/2018		
3/26/2019	<0.001	<0.001
3/27/2019		
9/10/2019	0.00033 (J)	
9/11/2019		
9/12/2019		<0.001
3/18/2020	<0.001	
3/19/2020		<0.001
9/9/2020	<0.001	
9/10/2020		<0.001
4/1/2021	<0.001	

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-20
4/2/2021		
4/5/2021		<0.001
4/6/2021		
8/11/2021		<0.001
8/12/2021		
8/17/2021		
8/18/2021	<0.001	
2/15/2022	<0.001	
2/16/2022		<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-13	GWC-6	GWC-1
5/8/2010	<0.001					
5/9/2010		<0.001	<0.001	<0.001		
5/11/2010					<0.001	<0.001
6/16/2010	<0.001		<0.001			
6/17/2010						<0.001
6/18/2010		<0.001		<0.001	<0.001	
7/26/2010	<0.001					
7/27/2010			<0.001		<0.001	<0.001
7/28/2010		<0.001				
7/29/2010				<0.001		
9/7/2010	<0.001		<0.001			
9/9/2010		<0.001		<0.001	<0.001	<0.001
4/26/2011				<0.001		
4/28/2011						<0.001
4/29/2011	<0.001		<0.001			
4/30/2011		<0.001			<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001		
10/29/2011					<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001			
5/3/2012						<0.001
5/4/2012				<0.001	<0.001	
11/9/2012	<0.001	<0.001	<0.001			<0.001
11/10/2012					<0.001	
11/11/2012				<0.001		
5/8/2013	<0.001	<0.001	<0.001	<0.001		
5/9/2013					<0.001	<0.001
11/5/2013		<0.001				<0.001
11/6/2013	<0.001		<0.001			
11/7/2013				<0.001	<0.001	
5/20/2014	<0.001	<0.001	<0.001	<0.001		
5/21/2014					<0.001	
5/23/2014						<0.001
11/8/2014	<0.001		<0.001			
11/9/2014					<0.001	
11/12/2014		<0.001		<0.001		
11/13/2014						<0.001
5/22/2015	<0.001	<0.001	<0.001			
5/23/2015						<0.001
5/24/2015				<0.001	<0.001	
11/9/2015	<0.001		<0.001			
11/11/2015		<0.001			<0.001	<0.001
11/12/2015				<0.001		
4/6/2016	<0.001	<0.001	<0.001			
4/12/2016					<0.001	<0.001
4/13/2016				<0.001 (D)		
10/4/2016		<0.001	<0.001			0.00012 (J)
10/5/2016	<0.001					
10/6/2016					0.00012 (J)	
10/7/2016				<0.001		
4/4/2017	<0.001	<0.001	<0.001			
4/5/2017						<0.001
4/6/2017				<0.001	<0.001	

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-13	GWC-6	GWC-1
10/4/2017		<0.001				<0.001
10/5/2017	<0.001		<0.001			
10/6/2017				0.00031	<0.001	
3/20/2018	<0.001	<0.001 (D)	<0.001			<0.001
3/21/2018					<0.001	
3/22/2018				<0.001		
10/2/2018	<0.001	<0.001	<0.001			<0.001
10/3/2018				<0.001	<0.001	
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	<0.001	<0.001	<0.001			<0.001
9/11/2019				<0.001	<0.001	
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001			<0.001
9/10/2020				<0.001	<0.001	
4/1/2021	<0.001	<0.001	<0.001			<0.001
4/5/2021					<0.001	
4/6/2021				<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	
8/18/2021						<0.001
2/15/2022	<0.001	<0.001	<0.001		<0.001	<0.001
2/16/2022				<0.001		

FIGURE I.

Appendix I & III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:06 AM

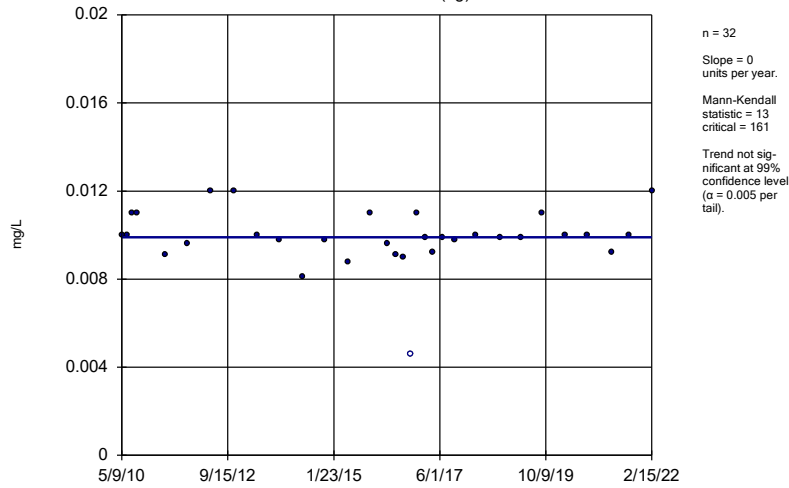
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Barium, Total (mg/L)	GWA-16 (bg)	-0.0004242	-207	-161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0009501	-187	-161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.0009786	303	161	Yes	32	6.25	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0004321	215	161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.00154	316	161	Yes	32	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-8A	6.973	103	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.07629	-79	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.2684	125	68	Yes	18	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-17 (bg)	0.04139	101	87	Yes	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.3786	125	68	Yes	18	16.67	n/a	n/a	0.01	NP

Appendix I & III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:06 AM

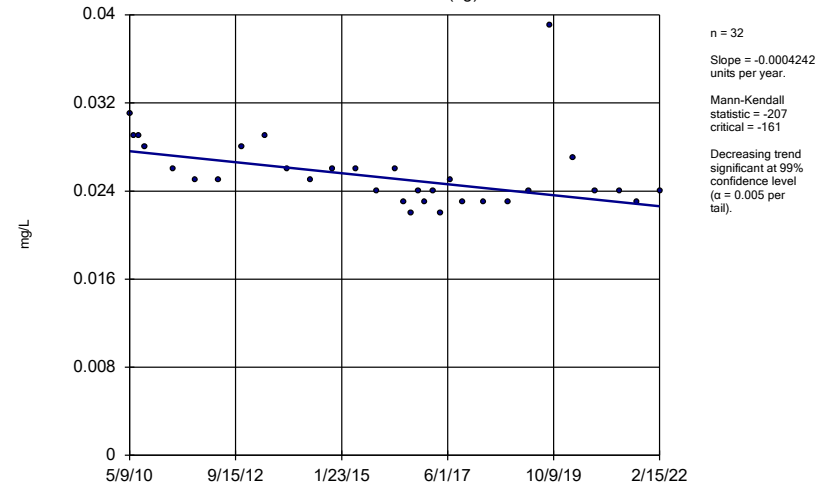
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-15 (bg)	0	13	161	No	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-16 (bg)	-0.0004242	-207	-161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0009501	-187	-161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.0009786	303	161	Yes	32	6.25	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0004321	215	161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.00154	316	161	Yes	32	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	-0.02643	-14	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0	-21	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.1519	56	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-8A	6.973	103	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1995	68	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-16 (bg)	-0.03222	-37	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.07629	-79	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.2684	125	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.1287	62	68	No	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-15 (bg)	0	-19	-68	No	18	77.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-16 (bg)	-0.0005971	-57	-68	No	18	55.56	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-17 (bg)	0	-27	-68	No	18	55.56	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-1	-1.1e-8	-15	-68	No	18	27.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-5	0	-29	-68	No	18	55.56	n/a	n/a	0.01	NP
pH (S.U.)	GWA-15 (bg)	-0.02058	-72	-87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-16 (bg)	0.005692	11	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-17 (bg)	0.04139	101	87	Yes	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-1	0	6	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-18	0.01907	76	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-20	0.003603	14	92	No	22	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-5	0.05051	71	87	No	21	0	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-15 (bg)	0	-9	-161	No	32	96.88	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-16 (bg)	0	-10	-161	No	32	90.63	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-17 (bg)	0	1	161	No	32	93.75	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWC-5	0	30	161	No	32	37.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.1808	57	68	No	18	44.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-16 (bg)	0	-9	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	-22	-68	No	18	83.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-1	0	-9	-68	No	18	38.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.3786	125	68	Yes	18	16.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	0.2642	34	68	No	18	0	n/a	n/a	0.01	NP

Sen's Slope Estimator GWA-15 (bg)



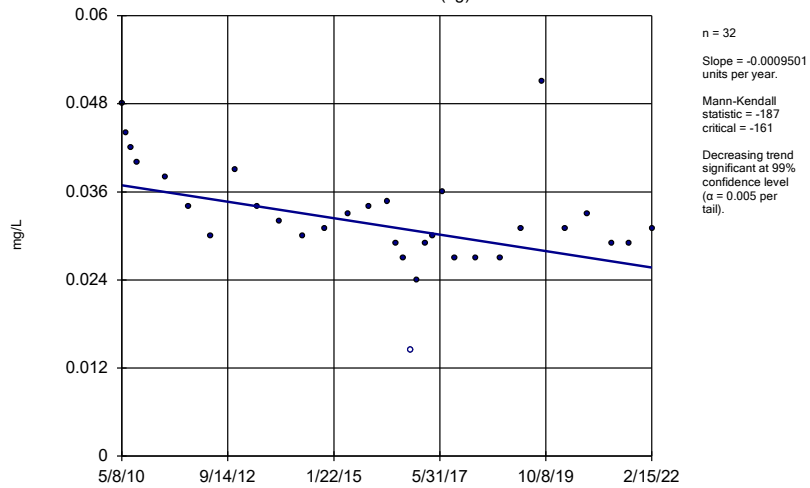
Constituent: Barium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWA-16 (bg)



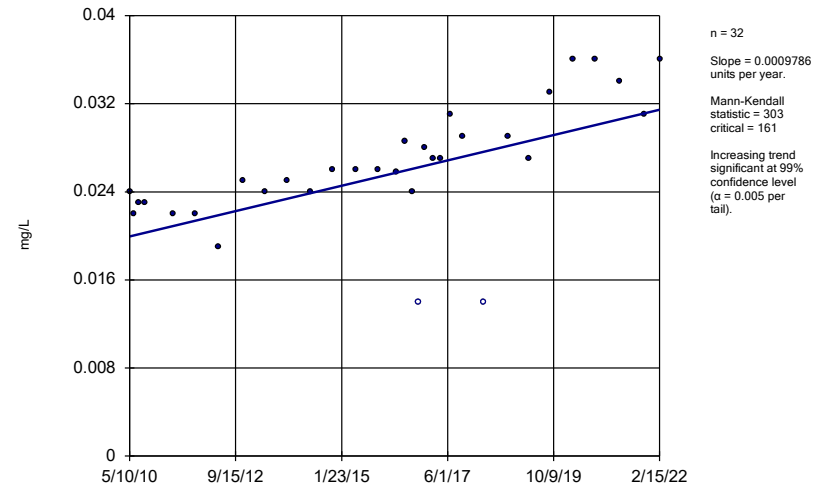
Constituent: Barium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWA-17 (bg)



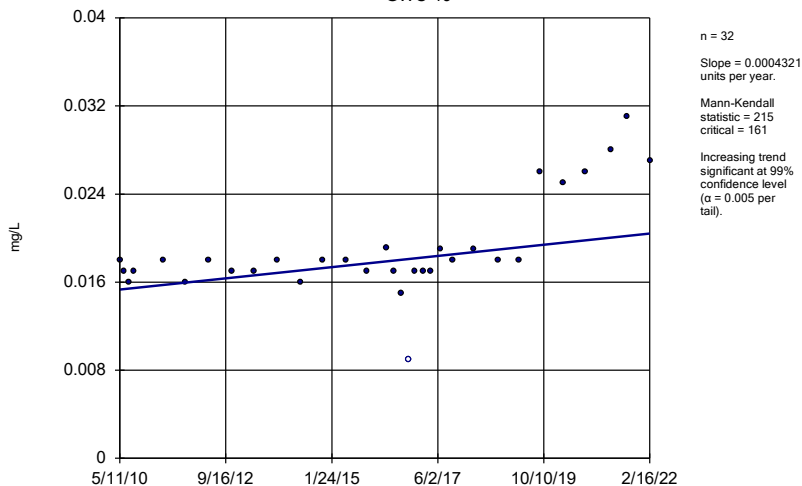
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWC-10



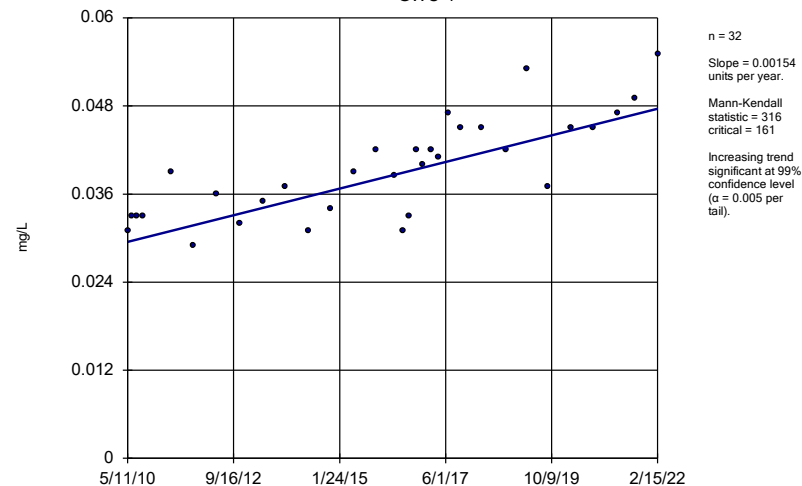
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWC-19



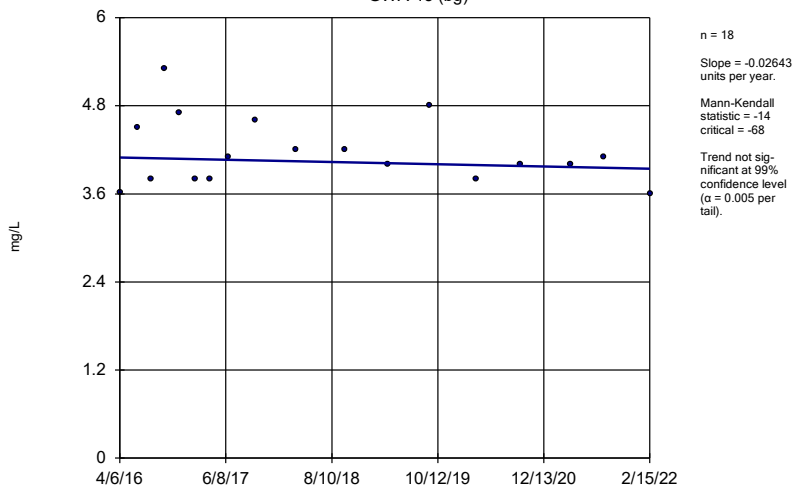
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWC-4



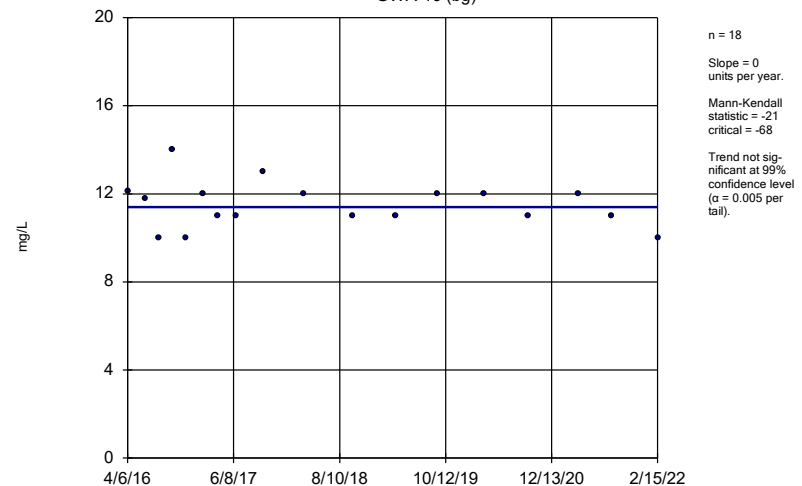
Constituent: Barium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWA-15 (bg)



Constituent: Calcium Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

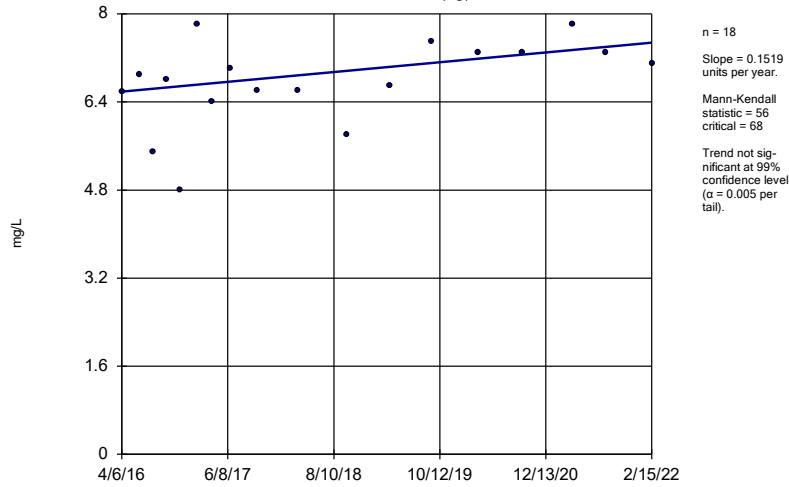
Sen's Slope Estimator GWA-16 (bg)



Constituent: Calcium Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

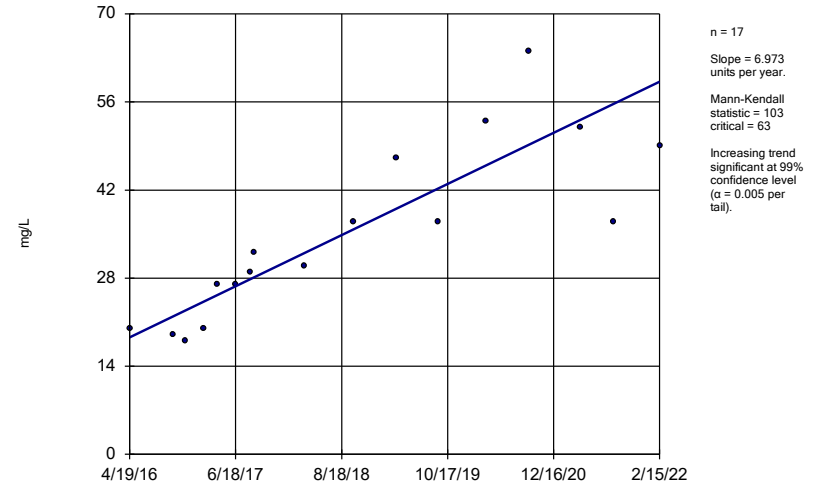
GWA-17 (bg)



Constituent: Calcium Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

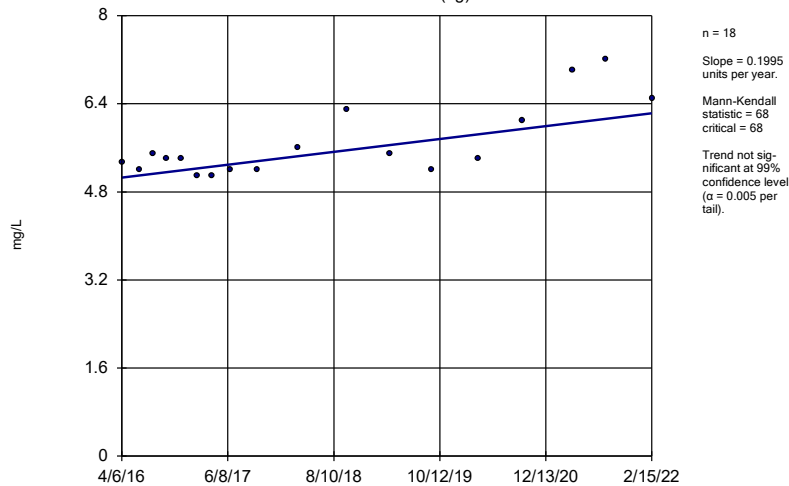
GWC-8A



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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

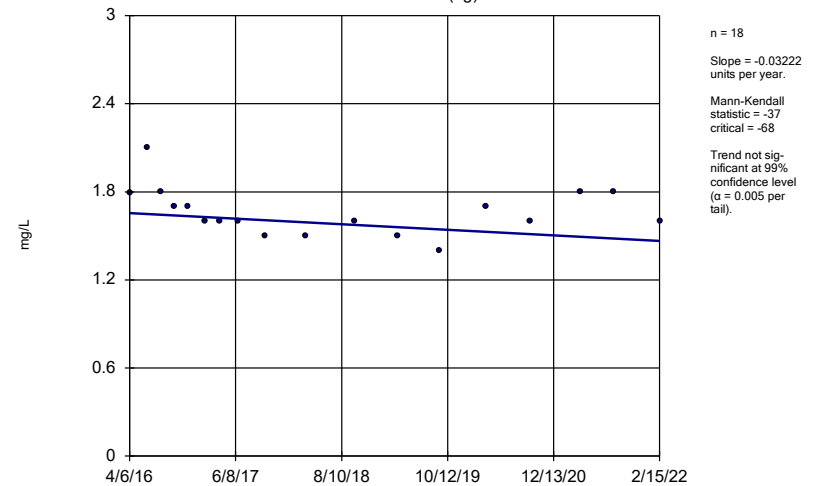
GWA-15 (bg)



Constituent: Chloride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

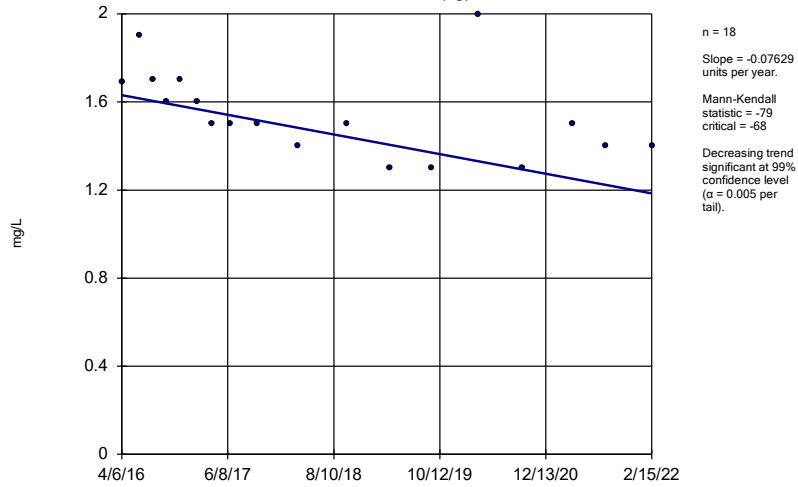
GWA-16 (bg)



Constituent: Chloride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

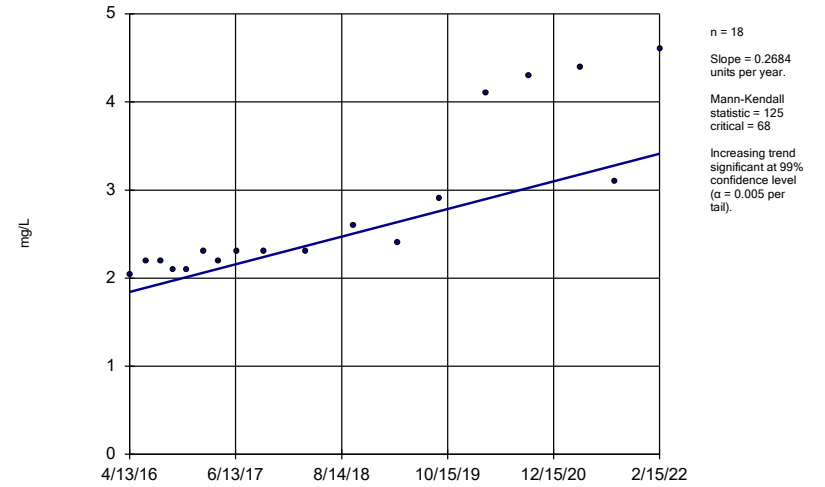
GWA-17 (bg)



Constituent: Chloride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

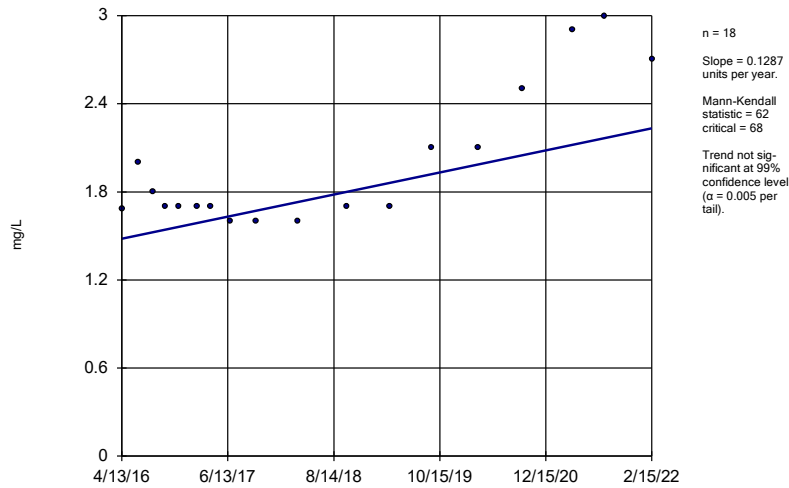
GWC-10



Constituent: Chloride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

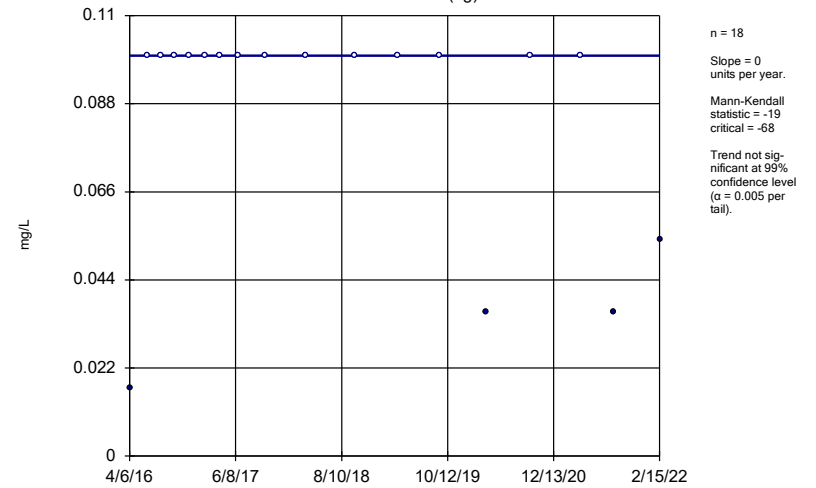
GWC-7



Constituent: Chloride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

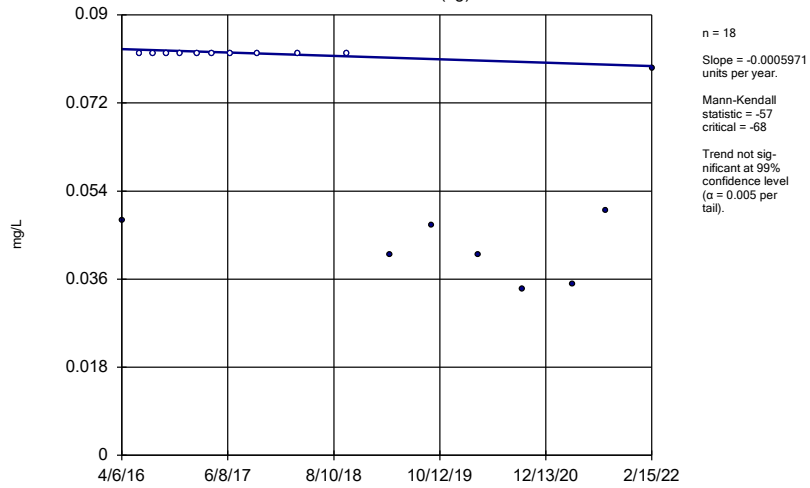
Sen's Slope Estimator

GWA-15 (bg)



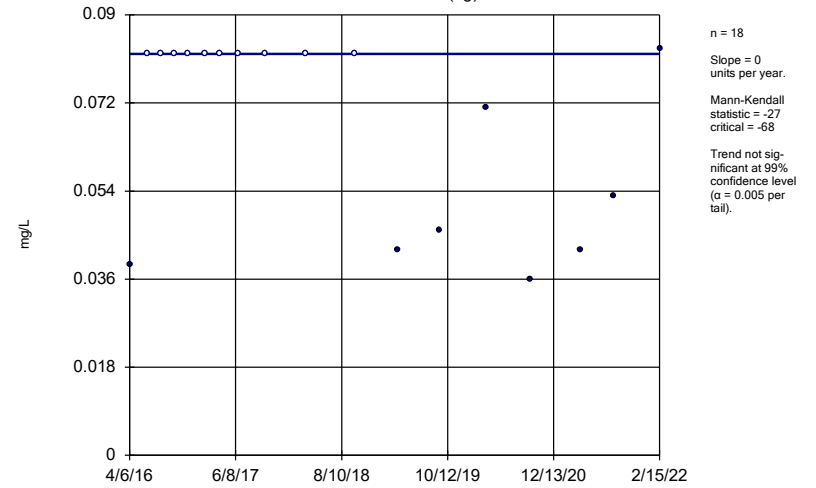
Constituent: Fluoride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator
GWA-16 (bg)



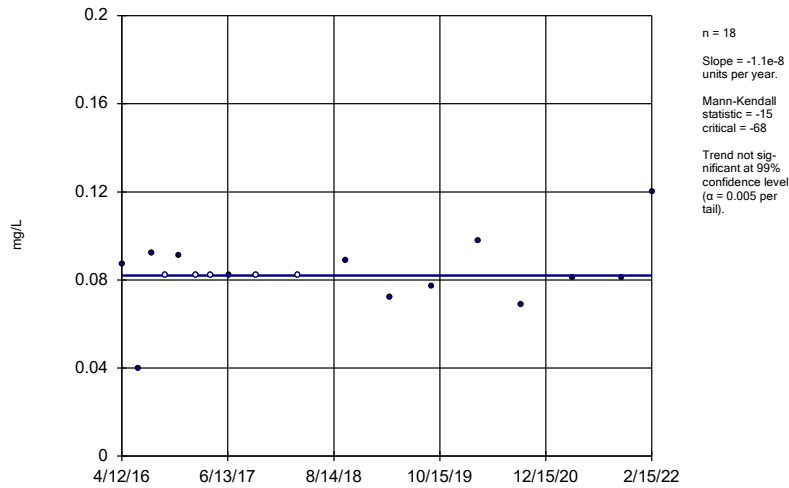
Constituent: Fluoride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator
GWA-17 (bg)



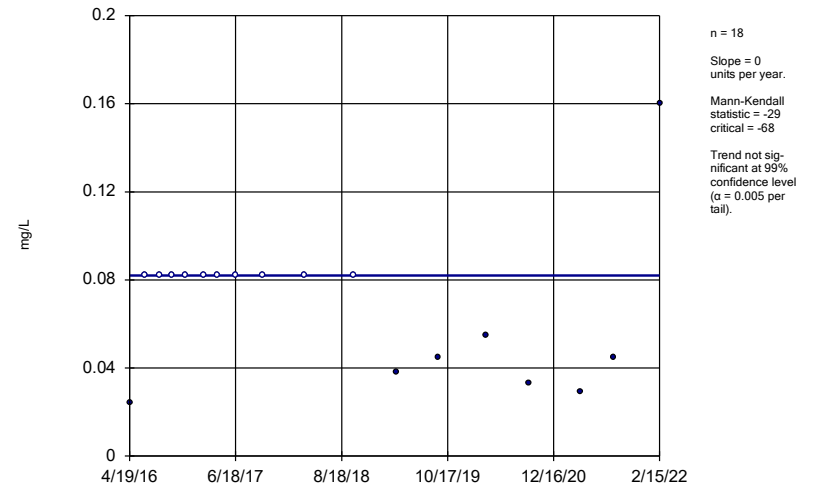
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator
GWC-1



Constituent: Fluoride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

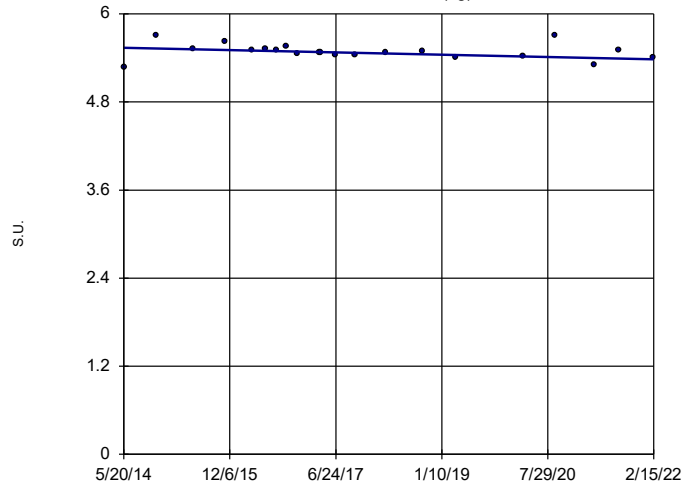
Sen's Slope Estimator
GWC-5



Constituent: Fluoride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

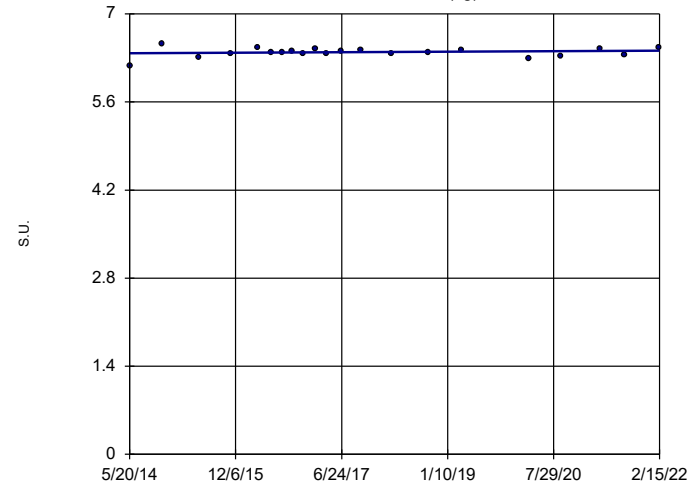
GWA-15 (bg)



Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

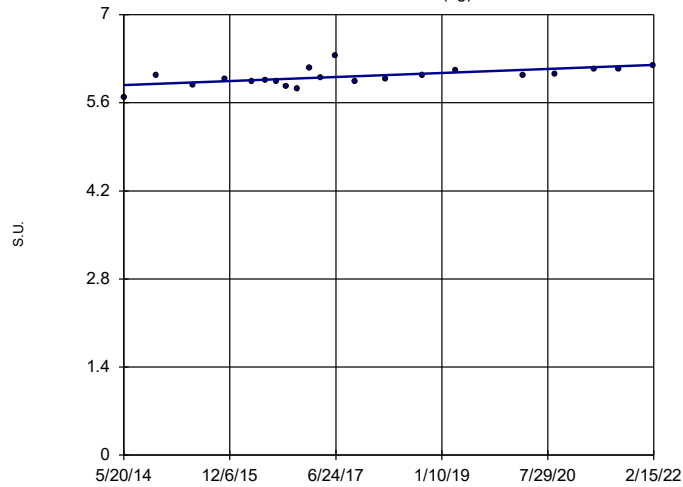
GWA-16 (bg)



Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

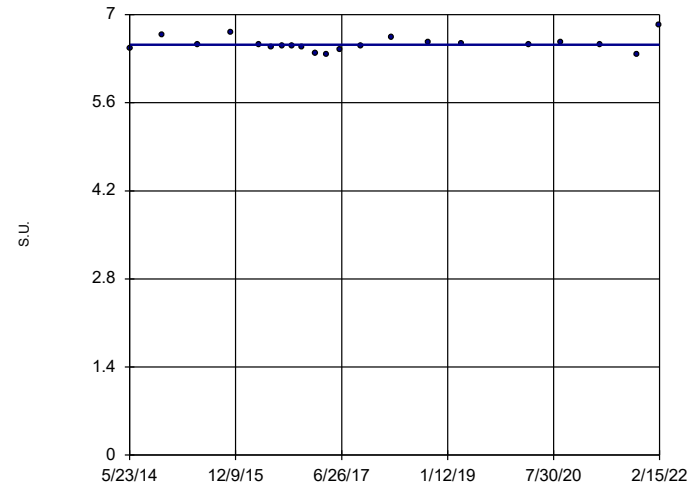
GWA-17 (bg)



Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

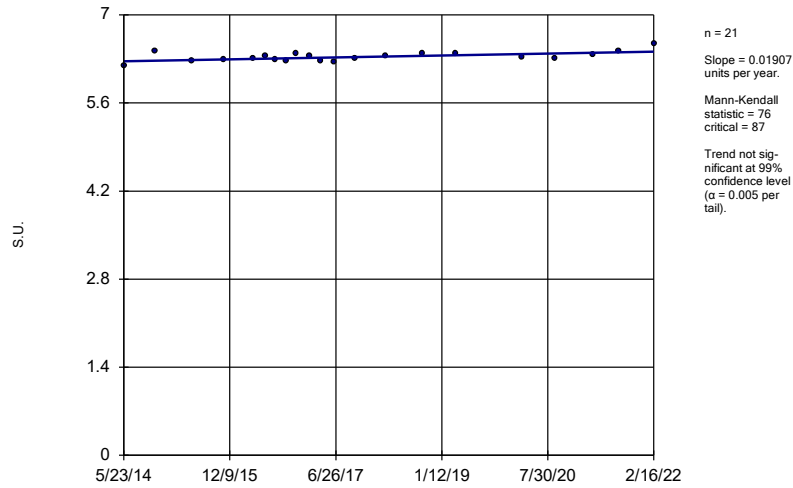
Sen's Slope Estimator

GWC-1



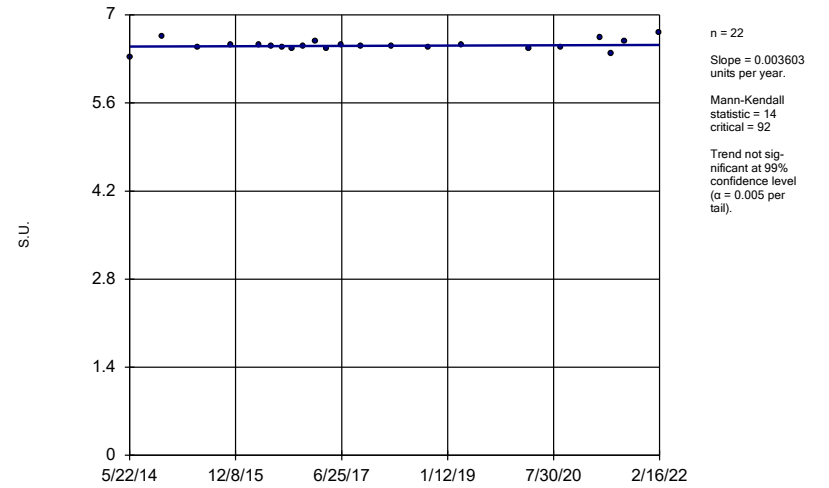
Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator
GWC-18



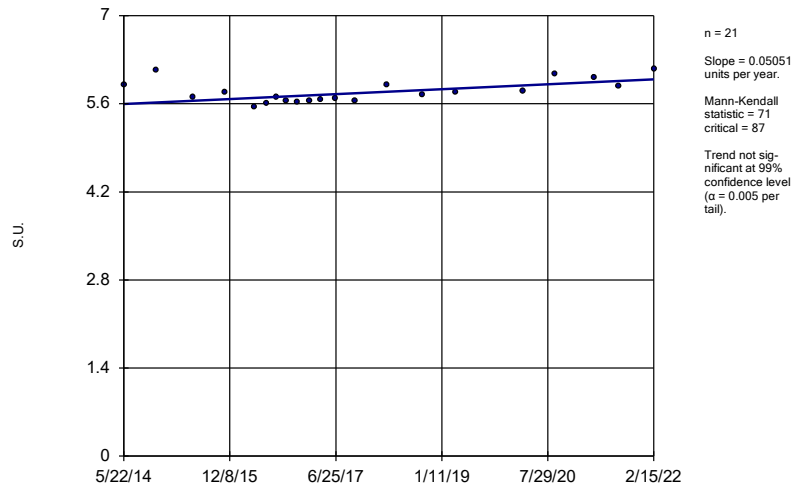
Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator
GWC-20



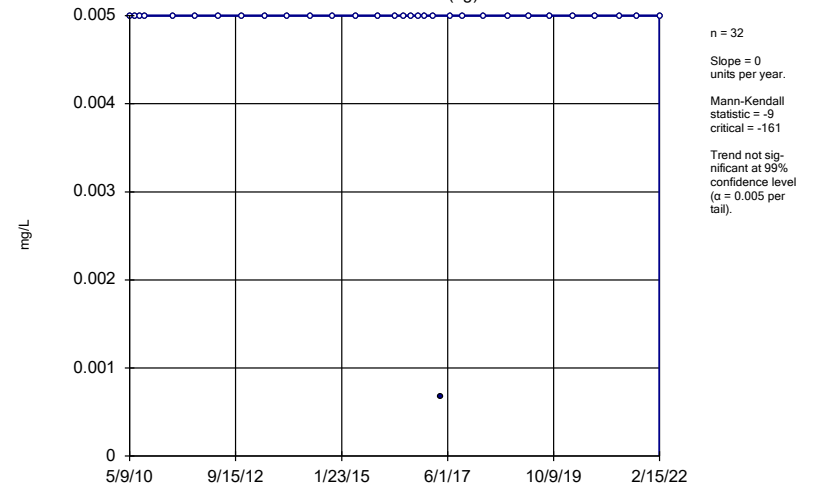
Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator
GWC-5



Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

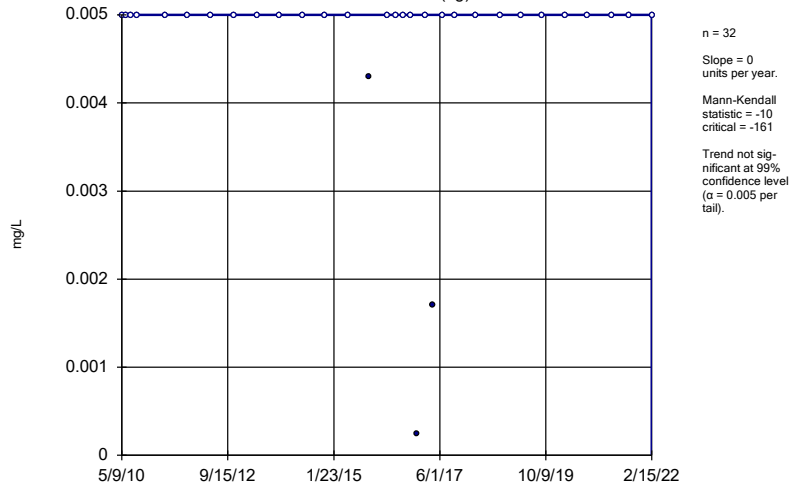
Sen's Slope Estimator
GWA-15 (bg)



Constituent: Selenium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

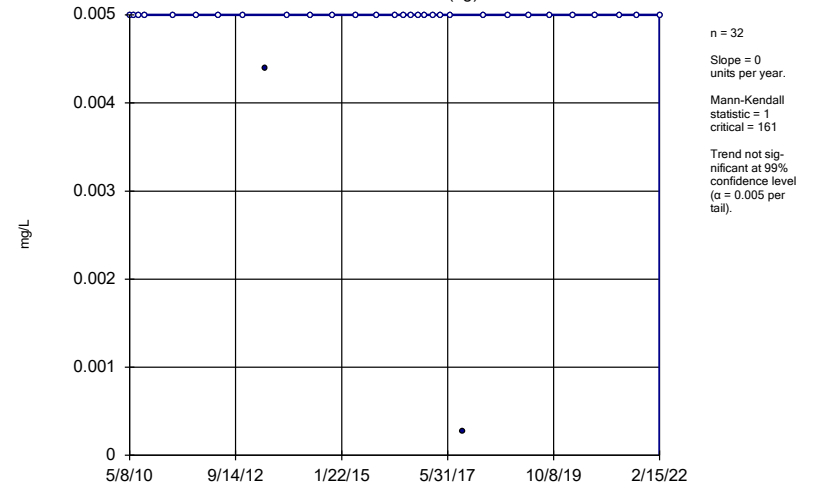
GWA-16 (bg)



Constituent: Selenium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

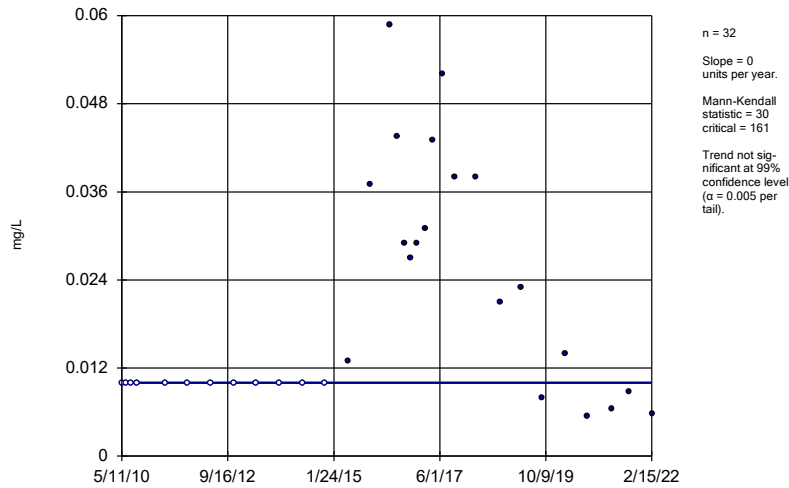
GWA-17 (bg)



Constituent: Selenium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

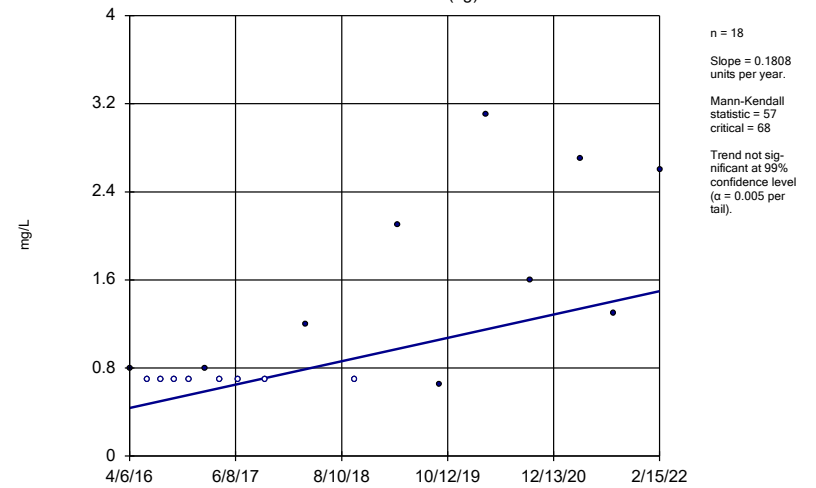
GWC-5



Constituent: Selenium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

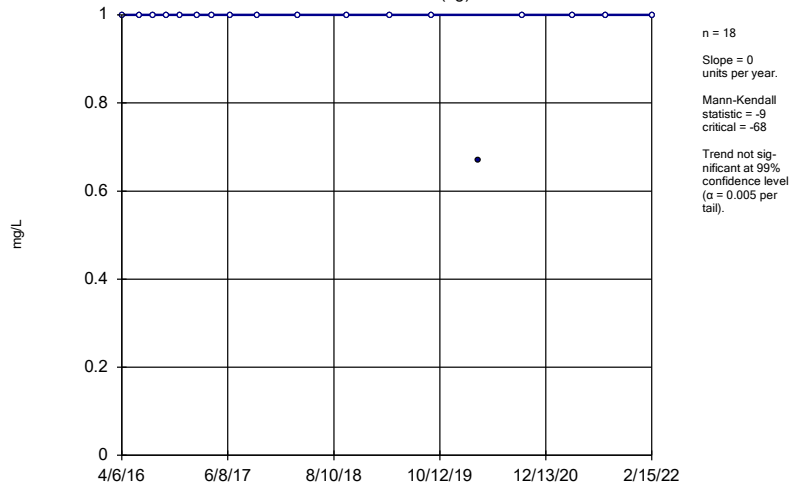
GWA-15 (bg)



Constituent: Sulfate Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

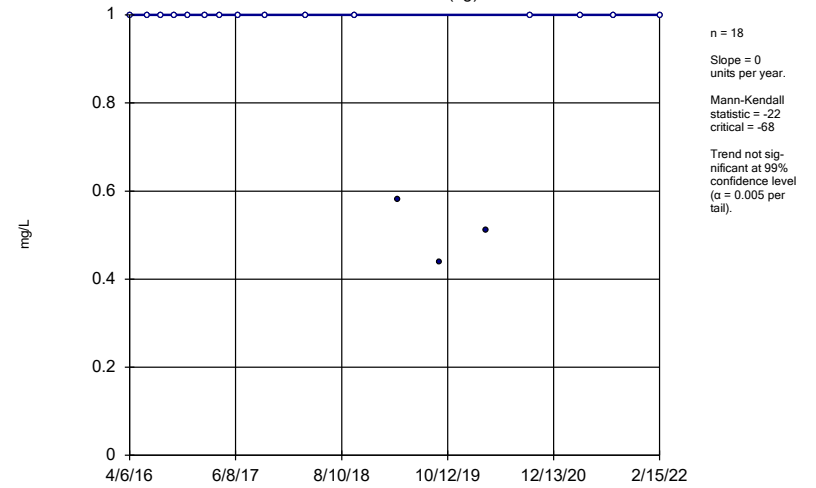
GWA-16 (bg)



Constituent: Sulfate Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

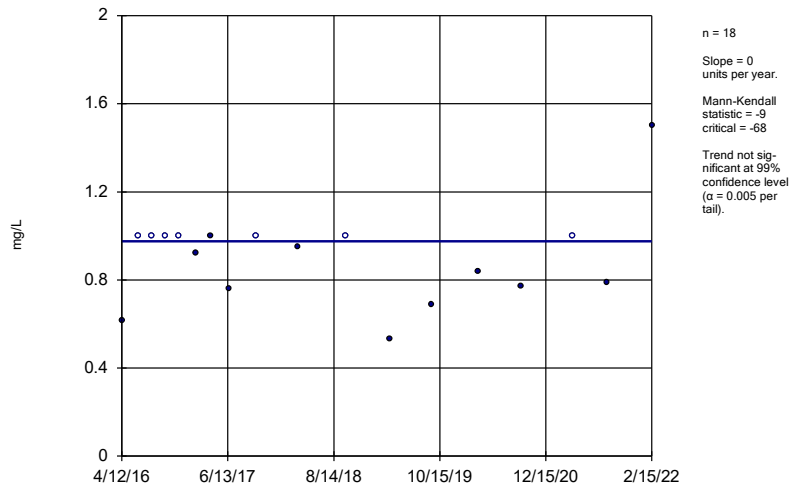
GWA-17 (bg)



Constituent: Sulfate Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

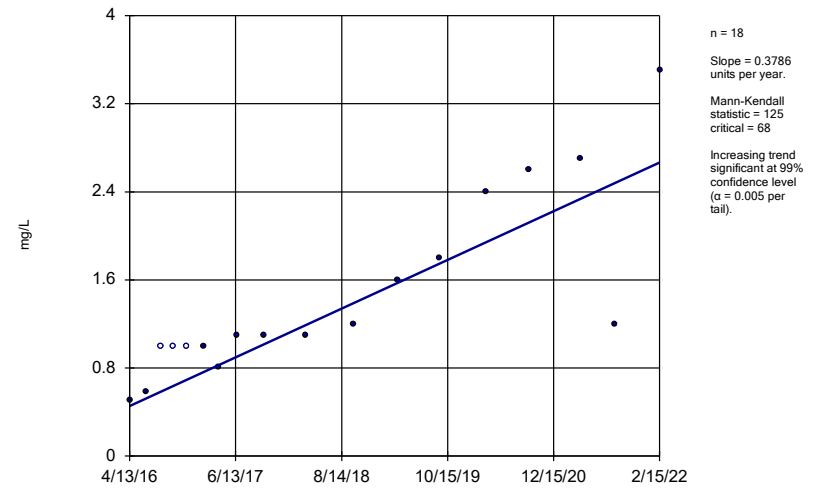
GWC-1



Constituent: Sulfate Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

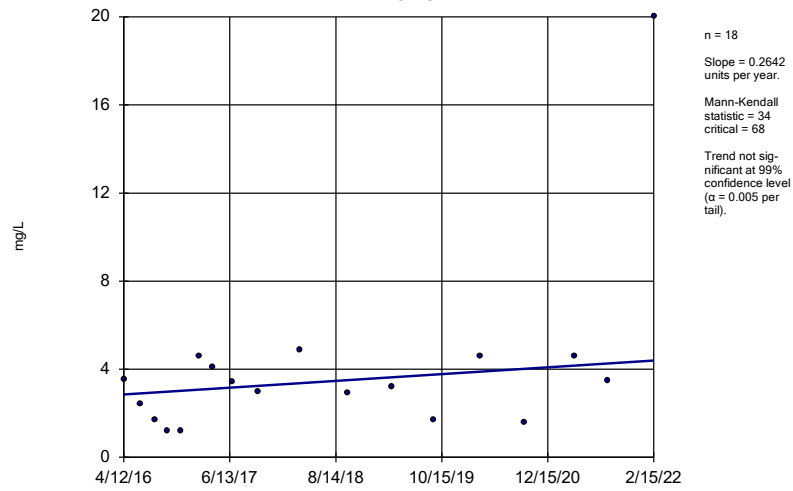
GWC-10



Constituent: Sulfate Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-4



Constituent: Sulfate Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

FIGURE J.

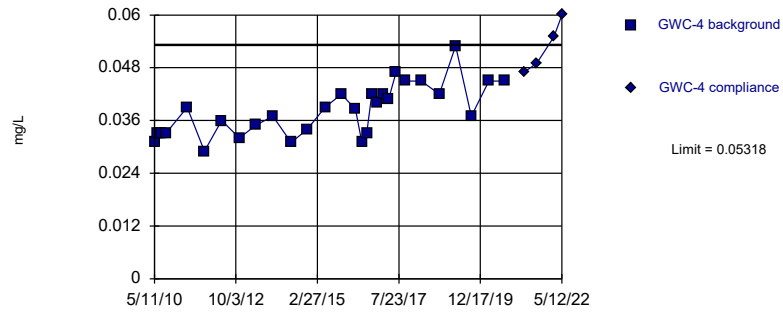
Appendix I Intrawell Prediction Limits - Resample Results (All Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/27/2022, 11:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.05318	n/a	5/12/2022	0.06	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2

Exceeds Limit

Prediction Limit Intrawell Parametric



Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 6/27/2022 11:15 AM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032 (V)	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
5/12/2022		0.06 (R)

FIGURE K.

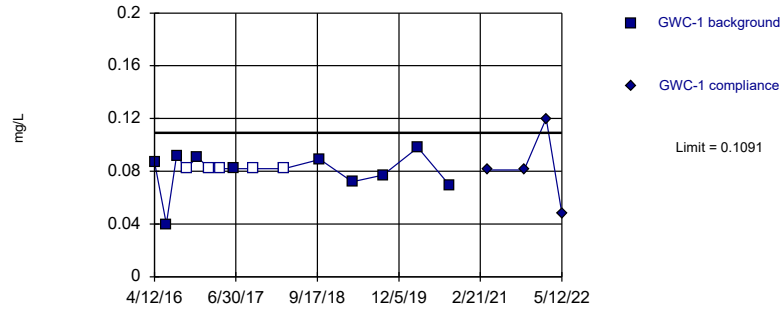
Appendix III Intrawell Prediction Limits - Resample Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 7/6/2022, 8:23 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-1	0.1091	n/a	5/12/2022	0.048J	No	15	0.006016	0.00223	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	5/12/2022	0.03J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWC-1	6.745	6.3	5/12/2022	6.55	No	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.659	6.027	5/12/2022	6.31	No	18	6.343	0.1259	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.46	6.164	5/12/2022	6.39	No	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-20	6.664	6.342	5/12/2022	6.52	No	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.591	5.971	5/12/2022	6.19	No	18	39.54	1.551	0	None	x^2	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-5	6.158	5.348	5/12/2022	5.99	No	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.475	n/a	5/12/2022	2.7	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	5/12/2022	33	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2

Within Limit

Prediction Limit
Intrawell Parametric

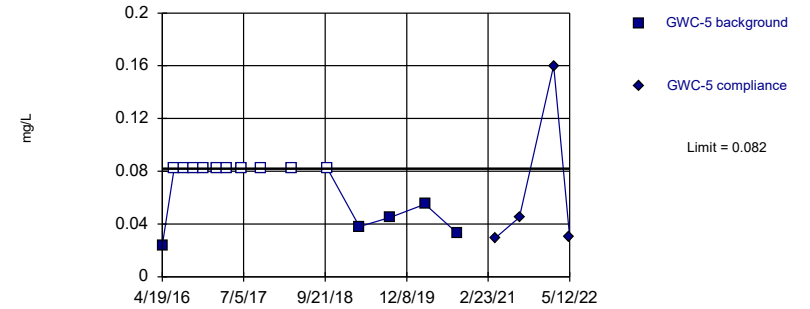


Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.006016, Std. Dev.=0.00223, n=15, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8926, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 7/6/2022 8:21 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

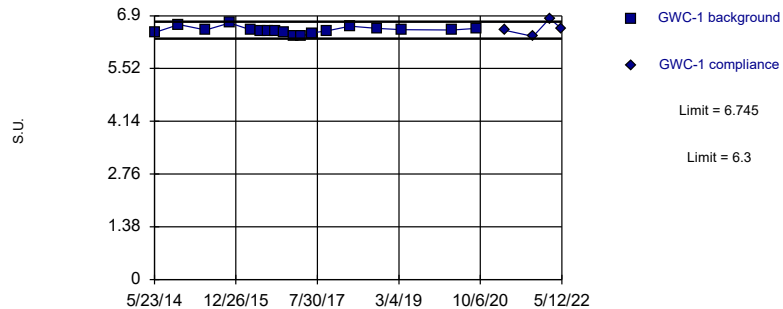


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 7/6/2022 8:21 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

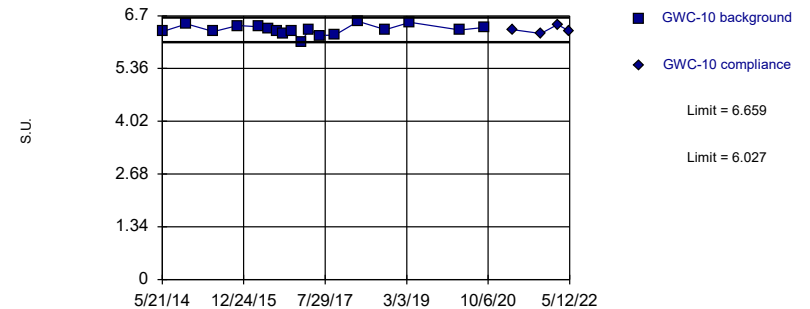


Background Data Summary: Mean=6.522, Std. Dev.=0.08869, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

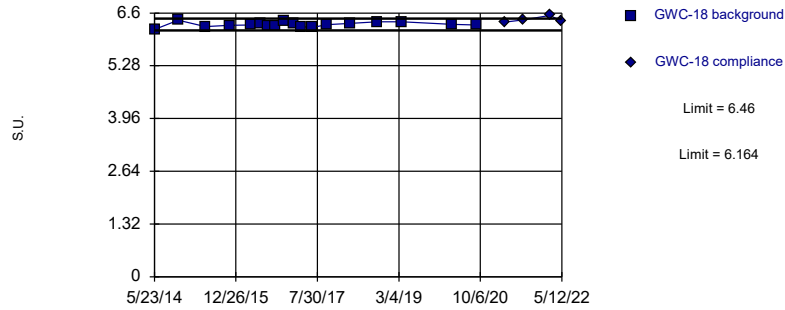


Background Data Summary: Mean=6.343, Std. Dev.=0.1259, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9699, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

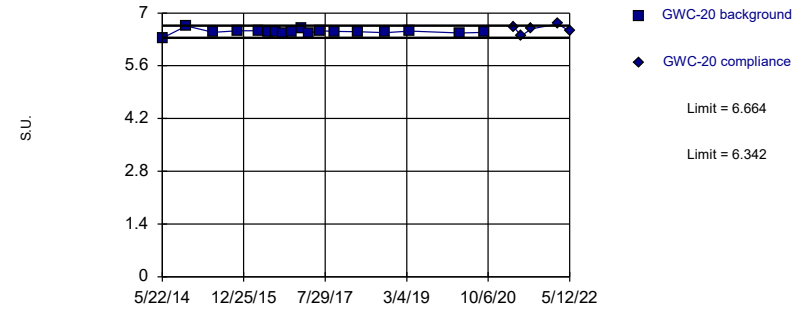


Background Data Summary: Mean=6.312, Std. Dev.=0.05897, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9854, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

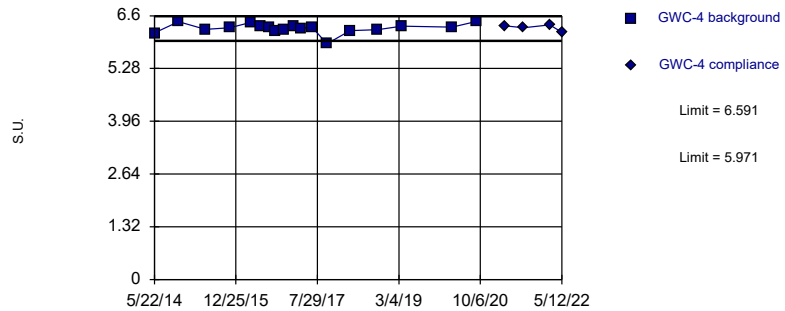


Background Data Summary: Mean=6.503, Std. Dev.=0.06408, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8614, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

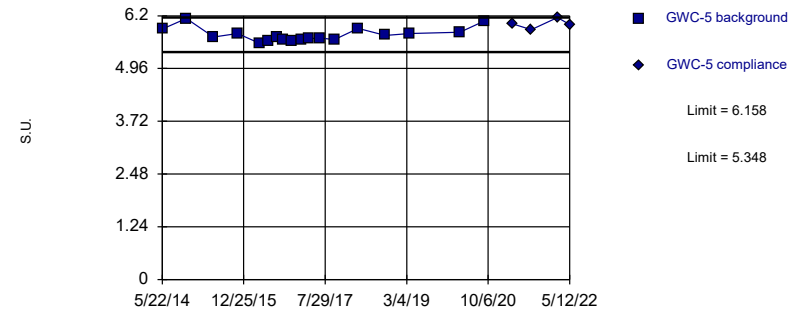


Background Data Summary (based on square transformation): Mean=39.54, Std. Dev.=1.551, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8631, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

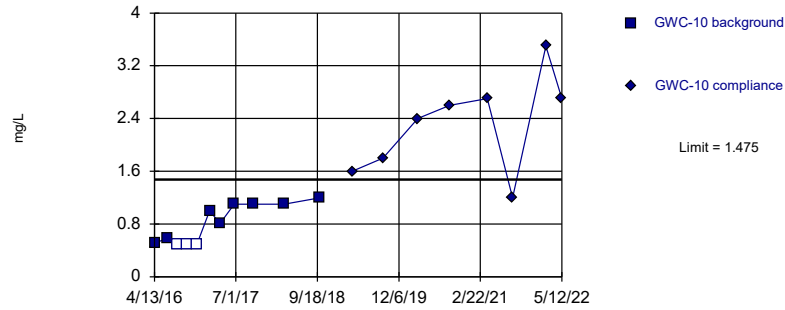


Background Data Summary: Mean=5.753, Std. Dev.=0.1613, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8787, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

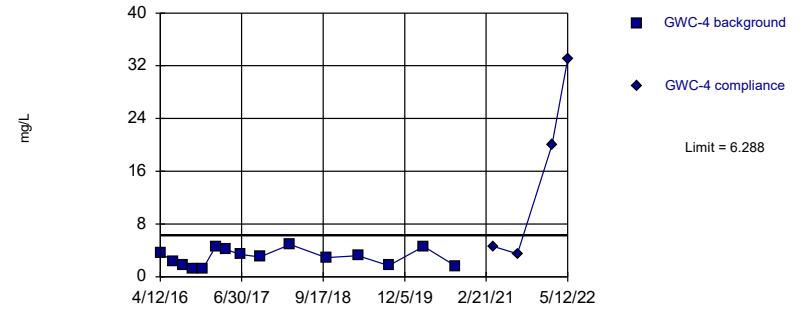


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7701, Std. Dev.=0.2398, n=11, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8096, critical = 0.792. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric



Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9294, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	0.087 (J)	
6/16/2016	0.04 (J)	
8/11/2016	0.092 (J)	
10/4/2016	<0.082	
11/30/2016	0.091 (J)	
2/7/2017	<0.082	
4/5/2017	<0.082	
6/20/2017	0.082 (J)	
10/4/2017	<0.082	
3/20/2018	<0.082	
10/2/2018	0.089 (J)	
3/26/2019	0.072 (J)	
9/10/2019	0.077 (J)	
3/18/2020	0.098 (J)	
9/9/2020	0.069 (J)	
4/1/2021		0.081 (J)
10/18/2021		0.081 (J)
2/15/2022		0.12
5/12/2022		0.048 (J,R)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	0.024 (J)	
6/22/2016	<0.082	
8/16/2016	<0.082	
10/6/2016	<0.082	
12/1/2016	<0.082	
2/9/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	<0.082	
3/22/2018	<0.082	
10/3/2018	<0.082	
3/27/2019	0.038 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021		0.029 (J)
8/12/2021		0.045 (J)
2/15/2022		0.16
5/12/2022		0.03 (J,R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/23/2014	6.46	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53 (D)	
6/16/2016	6.49	
8/11/2016	6.5	
10/4/2016	6.5	
11/30/2016	6.48	
2/7/2017	6.38	
4/5/2017	6.36	
6/20/2017	6.45	
10/4/2017	6.5	
3/20/2018	6.63	
10/2/2018	6.57	
3/26/2019	6.54	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021		6.52
10/18/2021		6.36
2/15/2022		6.83
5/12/2022		6.55 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/21/2014	6.3	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42 (D)	
6/21/2016	6.36	
8/15/2016	6.3	
10/5/2016	6.25	
12/1/2016	6.32	
2/8/2017	6.04	
4/6/2017	6.35	
6/21/2017	6.2	
10/5/2017	6.21	
3/21/2018	6.56	
10/2/2018	6.35	
3/27/2019	6.53	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021		6.35
10/18/2021		6.25
2/15/2022		6.48
5/12/2022		6.31 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/23/2014	6.19	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3 (D)	
6/16/2016	6.34	
8/11/2016	6.28	
10/5/2016	6.27	
11/29/2016	6.39	
2/8/2017	6.35	
4/6/2017	6.26	
6/21/2017	6.24	
10/5/2017	6.31	
3/20/2018	6.34	
10/2/2018	6.38	
3/26/2019	6.38	
3/18/2020	6.32	
9/9/2020	6.3	
4/1/2021		6.37
8/11/2021		6.43
2/16/2022		6.54
5/12/2022		6.39 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/22/2014	6.33	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53 (D)	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021		6.64
6/1/2021		6.39
8/11/2021		6.58
2/16/2022		6.71
5/12/2022		6.52 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/22/2014	6.17	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44 (D)	
6/20/2016	6.33	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021		6.35
8/12/2021		6.3
2/15/2022		6.37
5/12/2022		6.19 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/22/2014	5.89	
11/9/2014	6.14	
5/24/2015	5.7	
11/11/2015	5.78	
4/19/2016	5.55	
6/22/2016	5.6	
8/16/2016	5.7	
10/6/2016	5.64	
12/1/2016	5.62	
2/9/2017	5.64	
4/6/2017	5.66	
6/21/2017	5.68	
10/5/2017	5.64	
3/22/2018	5.9	
10/3/2018	5.74	
3/27/2019	5.78	
3/18/2020	5.81	
9/9/2020	6.08	
4/1/2021		6.01
8/12/2021		5.87
2/15/2022		6.16
5/12/2022		5.99 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.51 (JD)	
6/21/2016	0.58 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	1	
4/6/2017	0.81 (J)	
6/21/2017	1.1	
10/5/2017	1.1	
3/21/2018	1.1	
10/2/2018	1.2	
3/27/2019		1.6
9/11/2019		1.8
3/18/2020		2.4
9/9/2020		2.6
4/1/2021		2.7
8/17/2021		1.2
2/15/2022		3.5
5/12/2022		2.7 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33 (R)

FIGURE L.

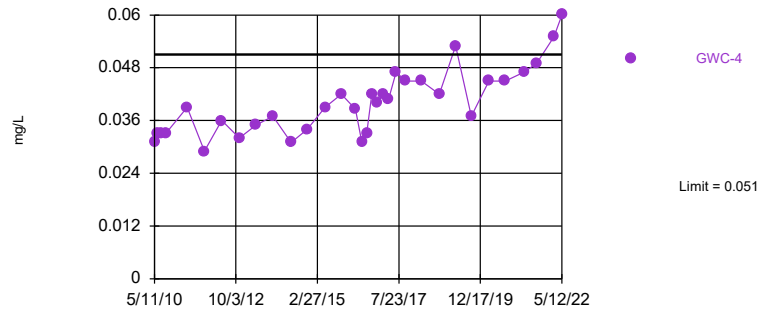
Appendix I Interwell Prediction Limits - Resample Results (All Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/27/2022, 11:19 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	5/12/2022	0.06	Yes	96	n/a	n/a	2.083	n/a	n/a	0.0002086	NP Inter (normality) 1 of 2

Exceeds Limit: GWC-4

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 96 background values. 2.083% NDs. Annual per-constituent alpha = 0.007067. Individual comparison alpha = 0.0002086 (1 of 2). Assumes 16 future values.

Constituent: Barium, Total Analysis Run 6/27/2022 11:18 AM View: Appendix I - Resample Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 6/27/2022 11:19 AM View: Appendix I - Resample Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
5/8/2010	0.048 (J)			
5/9/2010		0.031 (J)	0.01 (J)	
5/11/2010				0.031 (J)
6/16/2010	0.044 (J)	0.029 (J)		
6/17/2010				0.033 (J)
6/18/2010			0.01 (J)	
7/26/2010	0.042 (J)			
7/27/2010		0.029 (J)		
7/28/2010			0.011 (J)	0.033 (J)
9/7/2010	0.04 (J)	0.028 (J)		
9/8/2010				0.033 (J)
9/9/2010			0.011 (J)	
4/28/2011				0.039 (J)
4/29/2011	0.038 (J)	0.026 (J)		
4/30/2011			0.0091 (J)	
10/28/2011	0.034	0.025	0.0096 (J)	
10/29/2011				0.029
5/2/2012	0.03	0.025	0.012	
5/3/2012				0.036
11/9/2012	0.039 (V)	0.028 (V)	0.012 (V)	
11/10/2012				0.032 (V)
5/8/2013	0.034	0.029	0.01	
5/10/2013				0.035
11/5/2013			0.0098 (J)	
11/6/2013	0.032	0.026		0.037
5/20/2014	0.03	0.025	0.0081 (J)	
5/22/2014				0.031
11/8/2014	0.031	0.026		
11/9/2014				0.034
11/12/2014			0.0098 (J)	
5/22/2015	0.033	0.026	0.0088 (J)	0.039
11/9/2015	0.034	0.024		
11/11/2015			0.011	0.042
4/6/2016	0.0347	0.026	0.00959 (J)	
4/12/2016				0.0386
6/15/2016	0.029	0.023	0.0091 (J)	
6/20/2016				0.031
8/10/2016	0.027	0.022	0.009	
8/12/2016				0.033
10/4/2016		0.024	<0.029	
10/5/2016	<0.029			
10/6/2016				0.042
11/29/2016	0.024	0.023		
11/30/2016			0.011	0.04
2/7/2017	0.029	0.024	0.0099	
2/8/2017				0.042
4/4/2017	0.03	0.022	0.0092	
4/6/2017				0.041
6/20/2017	0.036	0.025	0.0099	
6/22/2017				0.047
10/4/2017			0.0098	
10/5/2017	0.027	0.023		

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 6/27/2022 11:19 AM View: Appendix I - Resample Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
10/6/2017				0.045
3/20/2018	0.027	0.023	0.01	
3/21/2018				0.045
10/2/2018	0.027	0.023	0.0099	
10/3/2018				0.042
3/26/2019	0.031	0.024	0.0099	0.053
9/10/2019	0.051	0.039	0.011	0.037
3/18/2020	0.031	0.027	0.01	
3/19/2020				0.045
9/9/2020	0.033	0.024	0.01	
9/10/2020				0.045
4/1/2021	0.029	0.024	0.0092 (J)	
4/2/2021				0.047
8/11/2021	0.029	0.023	0.01	
8/12/2021				0.049
2/15/2022	0.031	0.024	0.012	0.055
5/12/2022				0.06 (R)

FIGURE M.

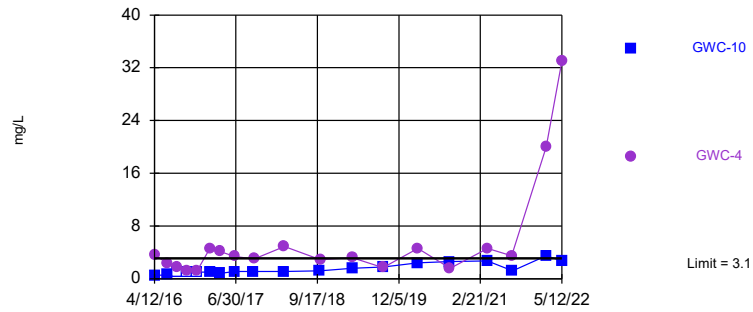
Appendix III Interwell Prediction Limits - Resample Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/27/2022, 11:39 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-10	3.1	n/a	5/12/2022	2.7	No	54	n/a	n/a	74.07	n/a	n/a	0.0006323	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	5/12/2022	33	Yes	54	n/a	n/a	74.07	n/a	n/a	0.0006323	NP Inter (NDs) 1 of 2

Exceeds Limit: GWC-4

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 54 background values. 74.07% NDs. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

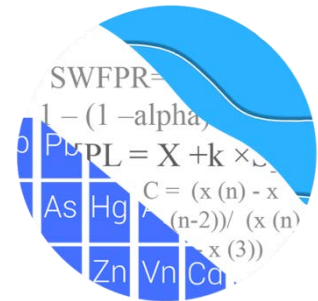
Constituent: Sulfate Analysis Run 6/27/2022 11:38 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/27/2022 11:39 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-4	GWC-10
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				3.56	
4/13/2016					0.51 (JD)
6/15/2016	<1	<1	<1		
6/20/2016				2.4	
6/21/2016					0.58 (J)
8/10/2016	<1	<1	<1		
8/15/2016					<1
8/16/2016				1.7	
10/4/2016	<1	<1			
10/5/2016			<1		<1
10/6/2016				1.2	
11/29/2016		<1	<1		
11/30/2016	<1			1.2	
12/1/2016					<1
2/7/2017	0.8 (J)	<1	<1		
2/8/2017				4.6	1
4/4/2017	<1	<1	<1		
4/6/2017				4.1	0.81 (J)
6/20/2017	<1	<1	<1		
6/21/2017					1.1
6/22/2017				3.4	
10/4/2017	<1				
10/5/2017		<1	<1		1.1
10/6/2017				3	
3/20/2018	1.2	<1	<1		
3/21/2018				4.9	1.1
10/2/2018	<1	<1	<1		1.2
10/3/2018				2.9	
3/26/2019	2.1	<1	0.58 (J)	3.2	
3/27/2019					1.6
9/10/2019	0.65 (J)	<1	0.44 (J)	1.7	
9/11/2019					1.8
3/18/2020	3.1	0.67 (J)	0.51 (J)		2.4
3/19/2020				4.6	
9/9/2020	1.6	<1	<1		2.6
9/10/2020				1.6	
4/1/2021	2.7	<1	<1		2.7
4/2/2021				4.6	
8/11/2021	1.3	<1	<1		
8/12/2021				3.5	
8/17/2021					1.2
2/15/2022	2.6	<1	<1	20	3.5
5/12/2022				33 (R)	2.7 (R)

GROUNDWATER STATS CONSULTING



August 31, 2022

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer PAC Landfill
Statistical Analysis – February 2022

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the statistical analysis of groundwater data for the February 2022 1st Semi-Annual sample event for Georgia Power Company's Plant Scherer PAC Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD) groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, and GWA-49
- **Downgradient wells:** GWC-29, GWC-50, GWC-51, GWC-52, and GWC-53

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician to Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

The following constituents were evaluated:

- **CCR Appendix III** - boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I** - antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Due to varying detection limits in background data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given parameter; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. However, in the time series plots, a single reporting limit substitution is used across all wells for a given parameter since the wells are plotted as a group.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided during the background update in June 2021 and demonstrated that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that

the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves are based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 14 (antimony and silver and were 100% non-detects in all downgradient wells)
- # Downgradient wells: 5

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 5

Statistical analyses are not required when 100% non-detects are present in downgradient wells for a given constituent. Historically, reported observations for antimony and silver at all wells have been below the reporting limits; therefore, these constituents are not included in the statistical analyses. A summary of all other well/constituent pairs with 100% non-detects follows this letter.

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the intrawell case, data for all wells and constituents may re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to natural variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of natural variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSI)s that result from natural variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection

monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United State Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resamples confirm the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of natural variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of natural variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach.

Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening Georgia EPD Appendix I - Conducted in August 2019

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters are formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trends

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This

step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing and decreasing trends; however, the majority of these were relatively low in magnitude when compared to average concentrations and, therefore, required no adjustments. It was noted that several of the upgradient wells had higher reported measurements in the earliest part of the records for some of the metals. These values were not deselected at this time since the measurements serve as reference data upgradient of the facility. If similar measurements are observed at a later time in one or more downgradient wells, the earlier upgradient data would indicate that the change is naturally occurring rather than a result of practices at the facility. Lastly, while there was an overall increasing trend in concentrations for cobalt at well GWC-53, data are highly variable and similar to concentrations that have historically been reported in at least one upgradient well. Therefore, no adjustment was made to this record. Since the August 2019 screening, the trend in cobalt at well GWC-53 has been decreasing.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach.

Generally, constituents without significant differences, based on ANOVA across upgradient wells, may be considered for interwell analysis. However, the Scherer PAC Landfill is lined, and pre-waste data are available that show metals were present naturally in low level detections during the collection of background data. Furthermore, for some constituents, the reported concentrations are higher in upgradient wells than in downgradient wells. This would result in interwell limits that would not readily detect changes in the downgradient wells with lower concentrations. Therefore, intrawell prediction limits are recommended as the most appropriate statistical analysis for all of the Georgia EPD constituents at this landfill.

Summary of Background Update – Georgia EPD Appendix I and CCR Appendix III – June 2021

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells through September 2020 (Figure C). All of the more recent compliance measurements appeared stable compared to the previously screened historical data sets; therefore, no new outliers were flagged except for a resulting high value for lead in well GWC-52 in order to maintain conservative (i.e., lower) statistical limits. A summary of all flagged outliers follows this letter. Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents requiring intrawell prediction limits (all Georgia EPD Appendix I and CCR Appendix III constituents in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through October 2018 to the new compliance samples at each well through September 2020. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was included in the background update report. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with the background update report. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Statistical Analysis of Georgia EPD Appendix I Constituents – February 2022

Intrawell limits were constructed for all Georgia EPD Appendix I constituents. In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent, the current assumption is that the higher downgradient concentrations are due to natural spatial variation rather than a result of practices at the landfill. The pre-waste data support this logic.

Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through September 2020 within each well for constituents with detections (Figure D). The February 2022 compliance samples were compared to these intrawell background limits. As previously discussed, no statistical analyses were included for antimony and silver since they contain 100% non-detects in downgradient wells, or for other individual well/constituent pairs with 100% non-detects. Note that due to a reporting limit change for nickel in upgradient wells GWA-21 and GWA-45 from 0.0018 mg/L to 0.001 mg/L; the prediction limit for each well decreased accordingly.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary table of the background intrawell prediction limits and exceedances follows this letter, along with the complete graphical results. Statistical exceedances were noted for the following well/constituent pairs:

- Barium: GWA-22, GWA-45, GWA-46, (all upgradient), GWC-29, GWC-50, and GWC-52
- Chromium: GWA-22 (upgradient) and GWC-52
- Nickel: GWA-22 (upgradient) and GWC-50
- Vanadium: GWA-21 and GWA-22 (both upgradient)

Two-Step Analysis

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data through February 2022 to evaluate the initial intrawell prediction limit exceedances listed above in downgradient wells (Figure E). Due to an increasing trend in the most recent data for barium at upgradient well GWA-45, observations between September 2019 and April 2021 in this well were not included in the interwell limit. The observations were flagged with an "L" flag and are included in the Outlier Summary which shows data that have been deselected (Figure C). The cause of this trend is pending and requires further analysis beyond the scope of this analysis. If research shows these higher concentrations reflect natural variation, the earlier portion of the record may require deselection so that resulting limits are reflective of present-day water quality conditions. The reported measurements of barium, chromium,

and nickel at downgradient wells were within their respective interwell prediction limits. Therefore, no SSIs are identified for the Appendix I constituents, and no further action is necessary.

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are significantly increasing, decreasing, or stable (Figure F). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site. Upgradient trends are an indication of natural variability in groundwater unrelated to practices at the site. Both a summary and complete graphical results of the trend tests follow this letter. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWA-45 (upgradient), GWA-46 (upgradient), GWC-29, and GWC-52
- Chromium: GWA-22 (upgradient) and GWC-52
- Vanadium: GWA-48 (upgradient)

Decreasing:

- Chromium: GWA-21 (upgradient)
- Nickel: GWA-48 (upgradient)

Note that while concentrations for chromium at well GWC-52 have been steadily increasing since October 2017, the measurements remain within historical concentrations observed at upgradient well GWA-47.

Statistical Analysis of Appendix III Parameters – February 2022

Intrawell prediction limits for all Appendix III parameters, combined with a 1-of-2 resample plan, were constructed using all historical data through September 2020. The February 2022 compliance data were compared to those limits.

Prediction Limits

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no exceedance is noted, and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance. A summary table of the Appendix III prediction limits follow this

letter, along with complete graphical results (Figure G). The following prediction limit exceedances were noted for Appendix III parameters:

- Chloride: GWA-46 (upgradient) and GWC-51
- pH (upper limit): GWA-21, GWA-22, GWA-47, GWA-49 (all upgradient), GWC-29, GWC-51, and GWC-52
- Sulfate: GWC-52

Note that when the upper limit is rounded to the same number of significant figures as the observation for chloride at GWA-46 and GWC-51 and for pH at GWA-47, GWA-49, and GWC-52, the limit and observation are equal.

Two-Step Analysis

Following the two-step analysis procedure as mentioned above, interwell prediction limits were then constructed using pooled upgradient well data through February 2022 to evaluate the apparent initial intrawell prediction limit exceedances listed above at downgradient wells (Figure H). All compliance data at downgradient wells were within their respective interwell prediction limits. Therefore, no statistically significant increases are identified, and no further action is necessary. It was noted that upgradient well GWA-45, which is included in the interwell background and represents naturally occurring groundwater quality upgradient of the site, has higher concentrations than neighboring upgradient wells for several of the Appendix III constituents. Therefore, the interwell comparisons for downgradient wells with reported lower concentration levels need to be interpreted cautiously and are further evaluated through trend analysis as described below.

Trend Tests

Data from downgradient well/constituent pairs found to exceed their respective prediction limit were further evaluated using the Sen's Slope/Mann Kendall trend test along with upgradient wells for the same constituents (Figure I). Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Such patterns are an indication of natural variability in groundwater unrelated to practices at the site. A summary of the trend test results follows this letter. The following statistically significant increasing trends were identified:

Increasing:

- Chloride: GWA-21, GWA-46 (both upgradient) and GWC-51
- pH: GWC-29

- Sulfate: GWA-45 (upgradient) and GWC-52

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer PAC Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Andrew T. Collins
Project Manager



Kristina L. Rayner
Senior Statistician

100% Non-Detects: Appendix I

Analysis Run 4/7/2022 9:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Arsenic, Total (mg/L)

GWA-21, GWA-22, GWA-46, GWA-47, GWC-51, GWC-52

Beryllium, Total (mg/L)

GWA-21, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Cadmium, Total (mg/L)

GWA-21, GWA-22, GWA-45, GWA-46, GWA-48, GWA-49, GWC-29, GWC-51, GWC-52, GWC-53

Chromium, Total (mg/L)

GWA-45

Cobalt, Total (mg/L)

GWC-52

Copper, Total (mg/L)

GWA-46, GWC-29, GWC-52, GWC-53

Mercury, Total (mg/L)

GWC-51, GWC-53

Nickel, Total (mg/L)

GWC-52

Selenium, Total (mg/L)

GWA-21, GWA-46, GWC-51

Thallium, Total (mg/L)

GWA-46, GWA-47, GWA-49, GWC-29, GWC-52, GWC-53

100% Non-Detects: Appendix III

Analysis Run 4/7/2022 1:00 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Boron (mg/L)

GWA-22, GWA-46, GWA-49, GWC-50, GWC-51, GWC-52

Date Ranges

Date: 4/7/2022 4:43 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Barium, Total (mg/L)

GWA-45 background:12/20/2010-10/3/2018

Chromium, Total (mg/L)

GWC-52 background:12/21/2010-10/4/2018

Sulfate (mg/L)

GWC-52 background:4/11/2016-10/4/2018

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWA-22	0.02993	n/a	2/15/2022	0.032	Yes	28	0.02437	0.00257	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.05701	n/a	2/14/2022	0.077	Yes	24	0.03215	0.01125	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02282	n/a	2/14/2022	0.024	Yes	27	0.01947	0.001543	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01961	n/a	2/14/2022	0.02	Yes	28	0.01603	0.001661	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.014	n/a	2/14/2022	0.018	Yes	28	0.0001382	0.000026710		None	x^2	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01758	n/a	2/14/2022	0.021	Yes	28	0.01176	0.00269	0	None	No	0.0007523 Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01164	n/a	2/15/2022	0.013	Yes	28	0.006711	0.002282	7.143	None	No	0.0007523 Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01533	n/a	2/14/2022	0.036	Yes	24	0.00975	0.002526	4.167	None	No	0.0007523 Param Intra 1 of 2
Nickel, Total (mg/L)	GWA-22	0.001	n/a	2/15/2022	0.0014	Yes	22	n/a	n/a	100	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	2/14/2022	0.0026	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0031	n/a	2/14/2022	0.0033	Yes	22	n/a	n/a	59.09	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	2/15/2022	0.0083	Yes	22	n/a	n/a	54.55	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWA-45	0.0015	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.0013	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	2/14/2022	0.001ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.02935	n/a	2/14/2022	0.024	No	27	0.0227	0.00306	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.02993	n/a	2/15/2022	0.032	Yes	28	0.02437	0.00257	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.05701	n/a	2/14/2022	0.077	Yes	24	0.03215	0.01125	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02282	n/a	2/14/2022	0.024	Yes	27	0.01947	0.001543	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.045	n/a	2/14/2022	0.029	No	27	n/a	n/a	0	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-48	0.031	n/a	2/14/2022	0.014	No	26	n/a	n/a	0	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-49	0.02233	n/a	2/14/2022	0.022	No	28	0.01933	0.001391	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01961	n/a	2/14/2022	0.02	Yes	28	0.01603	0.001661	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.014	n/a	2/14/2022	0.018	Yes	28	0.0001382	0.000026710	None	x^2	0.0007523	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-51	0.01222	n/a	2/15/2022	0.011	No	28	0.000094730	0.000025273	571	None	x^2	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01758	n/a	2/14/2022	0.021	Yes	28	0.01176	0.00269	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.11	n/a	2/14/2022	0.042	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-21	0.008995	n/a	2/14/2022	0.0026	No	28	0.05889	0.01663	14.29	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01164	n/a	2/15/2022	0.013	Yes	28	0.006711	0.002282	7.143	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-46	0.0088	n/a	2/14/2022	0.0047	No	28	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-47	0.045	n/a	2/14/2022	0.0086	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-48	0.028	n/a	2/14/2022	0.0058	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-49	0.009199	n/a	2/14/2022	0.0076	No	28	0.07829	0.008154	3.571	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.0039	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-50	0.006348	n/a	2/14/2022	0.0046	No	28	0.004525	0.0008434	7.143	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-51	0.005825	n/a	2/15/2022	0.0054	No	28	0.003553	0.001051	10.71	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01533	n/a	2/14/2022	0.036	Yes	24	0.00975	0.002526	4.167	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.0041	n/a	2/14/2022	0.0018J	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	64.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0025	n/a	2/15/2022	0.00054J	No	27	n/a	n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.01078	n/a	2/14/2022	0.00059J	No	28	0.1408	0.03707	25	Kaplan-Meier x^(1/3)	0.0007523	Param Intra 1 of 2	
Cobalt, Total (mg/L)	GWA-46	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0025	n/a	2/14/2022	0.0025ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0025	n/a	2/14/2022	0.0025ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0025	n/a	2/14/2022	0.00039J	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01667	n/a	2/14/2022	0.011	No	28	0.008496	0.003782	7.143	None	No	0.0007523	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0023	n/a	2/14/2022	0.002ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.003	n/a	2/15/2022	0.0015J	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	2/14/2022	0.002ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.022	n/a	2/14/2022	0.002ND	No	22	n/a	n/a	36.36	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Copper, Total (mg/L)	GWA-48	0.0084	n/a	2/14/2022	0.002ND	No	22	n/a	n/a	59.09	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-49	0.002	n/a	2/14/2022	0.0014J	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.002	n/a	2/14/2022	0.0013J	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.002	n/a	2/15/2022	0.002ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	2/15/2022	0.00025J	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-46	0.0037	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-49	0.0062	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	2/14/2022	0.00019J	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	2/15/2022	0.001ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	2/14/2022	0.001ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.001	n/a	2/14/2022	0.001ND	No	27	n/a	n/a	100	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	2/15/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.001	n/a	2/14/2022	0.001ND	No	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.001	n/a	2/15/2022	0.0014	Yes	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.001	n/a	2/14/2022	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.001	n/a	2/14/2022	0.001ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	2/14/2022	0.001ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-48	0.016	n/a	2/14/2022	0.001ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-49	0.001	n/a	2/14/2022	0.00088J	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	2/14/2022	0.0034	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	2/14/2022	0.0026	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	2/15/2022	0.0024	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008258	n/a	2/14/2022	0.0071	No	23	0.006804	0.0006526	8.696	None	No	0.0007523	Param Intra 1 of 2
Selenium, Total (mg/L)	GWA-22	0.005	n/a	2/15/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.005	n/a	2/14/2022	0.005ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.005	n/a	2/14/2022	0.005ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.005	n/a	2/14/2022	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-50	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.005	n/a	2/14/2022	0.005ND	No	27	n/a	n/a	81.48	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-21	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.001	n/a	2/15/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.001	n/a	2/15/2022	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0031	n/a	2/14/2022	0.0033	Yes	22	n/a	n/a	59.09	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	2/15/2022	0.0083	Yes	22	n/a	n/a	54.55	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0036	n/a	2/14/2022	0.0028	No	22	n/a	n/a	68.18	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.006504	n/a	2/14/2022	0.0032	No	22	0.05801	0.01008	18.18	Kaplan-Meier	sqrt(x)	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-47	0.0299	n/a	2/14/2022	0.0076	No	23	0.1014	0.03211	8.696	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02341	n/a	2/14/2022	0.019	No	22	0.01572	0.003424	4.545	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02263	n/a	2/14/2022	0.02	No	23	0.01862	0.0018	0	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.007283	n/a	2/14/2022	0.0047	No	23	0.004774	0.001126	8.696	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.004715	n/a	2/14/2022	0.0042	No	23	0.003096	0.0007265	39.13	Kaplan-Meier	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-51	0.007316	n/a	2/15/2022	0.0049	No	23	0.004446	0.001288	21.74	Kaplan-Meier	No	0.0007523	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Vanadium, Total (mg/L)	GWC-52	0.01371	n/a	2/14/2022	0.011	No	23	0.01109	0.001178	8.696	None	No	0.0007523 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0065	n/a	2/14/2022	0.0014	No	22	n/a	n/a	81.82	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.005	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.0085	n/a	2/15/2022	0.003J	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0098	n/a	2/14/2022	0.003J	No	23	n/a	n/a	82.61	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.0096	n/a	2/14/2022	0.005ND	No	22	n/a	n/a	77.27	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.0087	n/a	2/14/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.005	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.005	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0058	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0076	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.005	n/a	2/15/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0073	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.02028	n/a	2/14/2022	0.014	No	22	0.01392	0.002833	0	None	No	0.0007523 Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 12:52 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-29	0.091	n/a	2/14/2022	0.02	No	208	n/a	n/a	0	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-50	0.091	n/a	2/14/2022	0.018	No	208	n/a	n/a	0	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-52	0.091	n/a	2/14/2022	0.021	No	208	n/a	n/a	0	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Chromium, Total (mg/L)	GWC-52	0.045	n/a	2/14/2022	0.036	No	215	n/a	n/a	19.07	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.022	n/a	2/14/2022	0.0026	No	179	n/a	n/a	79.33	n/a	n/a	0.00006143 NP Inter (NDs) 1 of 2

Appendix I Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 12:54 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-45 (bg)	0.004748	248	124	Yes	27	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.0004195	221	146	Yes	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0004695	249	152	Yes	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.0008166	360	152	Yes	31	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0004307	-213	-152	Yes	31	12.9	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005685	267	152	Yes	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.001461	294	152	Yes	31	3.226	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-48 (bg)	-0.0001651	-135	-118	Yes	26	57.69	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-48 (bg)	0.0005844	159	111	Yes	25	4	n/a	n/a	0.01	NP

Appendix I Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 12:54 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-21 (bg)	0.0003891	126	146	No	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003132	-120	-152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.004748	248	124	Yes	27	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.0004195	221	146	Yes	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-47 (bg)	-0.0007935	-99	-146	No	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-48 (bg)	0	-22	-139	No	29	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-49 (bg)	0	28	152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0004695	249	152	Yes	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-50	0.0001889	145	152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.0008166	360	152	Yes	31	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0004307	-213	-152	Yes	31	12.9	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005685	267	152	Yes	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-45 (bg)	0	0	139	No	29	100	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-46 (bg)	0.00004855	61	152	No	31	3.226	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-47 (bg)	-0.000239	-53	-152	No	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-48 (bg)	-0.0003392	-110	-152	No	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-49 (bg)	0	9	152	No	31	3.226	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.001461	294	152	Yes	31	3.226	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-21 (bg)	0	-52	-111	No	25	80	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-22 (bg)	0	-21	-111	No	25	88	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-45 (bg)	0	-70	-118	No	26	80.77	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-46 (bg)	0	-14	-111	No	25	96	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-47 (bg)	0	-68	-118	No	26	69.23	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-48 (bg)	-0.0001651	-135	-118	Yes	26	57.69	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-49 (bg)	0	-34	-118	No	26	84.62	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWC-50	0	13	118	No	26	76.92	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-21 (bg)	0	51	111	No	25	52	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-22 (bg)	6.1e-12	50	111	No	25	48	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-45 (bg)	0	69	111	No	25	60	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-46 (bg)	0	-4	-111	No	25	16	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-47 (bg)	-0.0005	-49	-118	No	26	7.692	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-48 (bg)	0.0005844	159	111	Yes	25	4	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-49 (bg)	0.0001923	97	118	No	26	0	n/a	n/a	0.01	NP

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWA-46	4.852	n/a	2/14/2022	5	Yes	15	3.488	0.6223	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.599	n/a	2/15/2022	7.6	Yes	14	6.793	0.3605	0	None	No	0.001504 Param Intra 1 of 2
pH (S.U.)	GWA-21	5.979	5.611	2/14/2022	5.99	Yes	17	5.795	0.08654	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-22	6.255	5.546	2/15/2022	6.4	Yes	18	5.901	0.1685	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	2/14/2022	6.6	Yes	19	6.443	0.06488	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	2/14/2022	7.1	Yes	17	6.858	0.09329	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	2/14/2022	6.29	Yes	17	5.855	0.09566	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	2/15/2022	6.02	Yes	18	5.854	0.05721	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	2/14/2022	6.79	Yes	18	6.652	0.06447	0	None	No	0.000752 Param Intra 1 of 2
Sulfate (mg/L)	GWC-52	26.14	n/a	2/14/2022	56	Yes	11	12.62	5.636	9.091	None	No	0.001504 Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.23	n/a	2/14/2022	0.86	No	15	0.5984	0.288	0	None	No	0.001504 Param Intra 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.103	n/a	2/14/2022	1	No	15	0.9376	0.0752	0	None	No	0.001504 Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.54	n/a	2/14/2022	8	No	15	8.885	1.213	0	None	No	0.001504 Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.681	n/a	2/15/2022	9.6	No	15	6.973	1.235	0	None	No	0.001504 Param Intra 1 of 2
Calcium (mg/L)	GWA-45	46.75	n/a	2/14/2022	26	No	15	36.75	4.558	0	None	No	0.001504 Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.002	n/a	2/14/2022	5.9	No	15	5.705	0.5914	0	None	No	0.001504 Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.34	n/a	2/14/2022	11	No	15	10.91	0.6552	0	None	No	0.001504 Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.32	n/a	2/14/2022	11	No	15	12.53	0.813	0	None	No	0.001504 Param Intra 1 of 2
Calcium (mg/L)	GWA-49	15.64	n/a	2/14/2022	13	No	15	14.17	0.6715	0	None	No	0.001504 Param Intra 1 of 2
Calcium (mg/L)	GWC-29	16	n/a	2/14/2022	16	No	15	n/a	n/a	0	n/a	n/a	0.007533 NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-50	8.176	n/a	2/14/2022	6.5	No	15	7.156	0.465	0	None	No	0.001504 Param Intra 1 of 2
Calcium (mg/L)	GWC-51	7.763	n/a	2/15/2022	6.4	No	15	6.72	0.4754	0	None	No	0.001504 Param Intra 1 of 2
Calcium (mg/L)	GWC-52	19.24	n/a	2/14/2022	18	No	15	14.34	2.233	0	None	No	0.001504 Param Intra 1 of 2
Calcium (mg/L)	GWC-53	21.11	n/a	2/14/2022	16	No	15	17.19	1.786	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.319	n/a	2/14/2022	4	No	15	3.296	0.4668	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWA-22	4.968	n/a	2/15/2022	1.8	No	15	2.927	0.9308	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWA-45	12	n/a	2/14/2022	10	No	15	n/a	n/a	0	n/a	n/a	0.007533 NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	4.852	n/a	2/14/2022	5	Yes	15	3.488	0.6223	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.787	n/a	2/14/2022	1.5	No	15	1.478	0.1408	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWA-48	1.996	n/a	2/14/2022	1.8	No	14	1.724	0.1215	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.384	n/a	2/14/2022	2	No	15	2.072	0.1421	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.145	n/a	2/14/2022	3.8	No	14	3.393	0.3362	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.183	n/a	2/14/2022	1.9	No	15	1.953	0.105	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.599	n/a	2/15/2022	7.6	Yes	14	6.793	0.3605	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.538	n/a	2/14/2022	7.6	No	14	7.9	0.2855	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	2/14/2022	12	No	15	n/a	n/a	0	n/a	n/a	0.007533 NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-21	0.082	n/a	2/14/2022	0.058J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	2/15/2022	0.088J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	2/14/2022	0.052J	No	15	n/a	n/a	80	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.1	n/a	2/14/2022	0.05J	No	15	n/a	n/a	86.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	2/14/2022	0.068J	No	15	n/a	n/a	80	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	2/14/2022	0.056J	No	15	n/a	n/a	60	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.082	n/a	2/14/2022	0.07J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.082	n/a	2/14/2022	0.074J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	2/14/2022	0.057J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	2/15/2022	0.06J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	2/14/2022	0.055J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	2/14/2022	0.041J	No	15	n/a	n/a	100	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-21	5.979	5.611	2/14/2022	5.99	Yes	17	5.795	0.08654	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-22	6.255	5.546	2/15/2022	6.4	Yes	18	5.901	0.1685	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-45	6.48	5.95	2/14/2022	6.31	No	17	n/a	n/a	0	n/a	n/a	0.01183 NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	2/14/2022	5.85	No	17	n/a	n/a	0	n/a	n/a	0.01183 NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	2/14/2022	6.6	Yes	19	6.443	0.06488	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-48	6.953	6.562	2/14/2022	6.93	No	17	6.758	0.09196	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	2/14/2022	7.1	Yes	17	6.858	0.09329	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	2/14/2022	6.29	Yes	17	5.855	0.09566	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-50	5.967	5.667	2/14/2022	5.9	No	18	5.817	0.07136	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	2/15/2022	6.02	Yes	18	5.854	0.05721	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	2/14/2022	6.79	Yes	18	6.652	0.06447	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-53	5.76	5.427	2/14/2022	5.65	No	17	5.594	0.07834	0	None	No	0.000752 Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Sulfate (mg/L)	GWA-21	2.559	n/a	2/14/2022	1	No	15	1.375	0.5398	6.667	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1	n/a	2/15/2022	0.87J	No	15	n/a	n/a	93.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	183.3	n/a	2/14/2022	130	No	15	147.8	16.19	0	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1	n/a	2/14/2022	1ND	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1	n/a	2/14/2022	1ND	No	15	n/a	n/a	80	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.689	n/a	2/14/2022	1.2	No	15	1.235	0.2069	0	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1	n/a	2/14/2022	0.85J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.367	n/a	2/14/2022	2.9	No	15	2.643	0.33	6.667	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	1	n/a	2/14/2022	1ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	2.7	n/a	2/15/2022	1.8	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.14	n/a	2/14/2022	56	Yes	11	12.62	5.636	9.091	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	186.4	n/a	2/14/2022	150	No	15	153.7	14.9	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	129.8	n/a	2/14/2022	100	No	15	85.4	20.24	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	105.2	n/a	2/15/2022	85	No	15	66.13	17.82	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	366.7	n/a	2/14/2022	290	No	15	271.8	43.29	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	94.72	n/a	2/14/2022	68	No	15	51.77	19.59	6.667	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	118.4	n/a	2/14/2022	94	No	15	86.07	14.72	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	126.5	n/a	2/14/2022	100	No	15	92.53	15.48	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	131.2	n/a	2/14/2022	110	No	14	107.4	10.65	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	139.5	n/a	2/14/2022	120	No	15	90.67	22.27	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	119.1	n/a	2/14/2022	79	No	15	70.53	22.17	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	108.7	n/a	2/15/2022	67	No	14	77.07	14.12	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	193.6	n/a	2/14/2022	150	No	15	128.3	29.78	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	332.3	n/a	2/14/2022	280	No	15	254.5	35.48	0	None	No	0.001504 Param Intra 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWC-51	13	n/a	2/15/2022	7.6	No	125	n/a	n/a	0	n/a	n/a	0.0001262 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-29	7.1	5.52	2/14/2022	6.29	No	146	n/a	n/a	0	n/a	n/a	0.0001855 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-51	7.1	5.52	2/15/2022	6.02	No	146	n/a	n/a	0	n/a	n/a	0.0001855 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-52	7.1	5.52	2/14/2022	6.79	No	146	n/a	n/a	0	n/a	n/a	0.0001855 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	2/14/2022	56	No	126	n/a	n/a	44.44	n/a	n/a	0.0001245 NP Inter (normality) 1 of 2

Appendix III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:11 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride (mg/L)	GWA-21 (bg)	0.1991	87	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.4321	118	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2283	88	63	Yes	17	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	0.06442	104	81	Yes	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	8.594	133	68	Yes	18	5.556	n/a	n/a	0.01	NP

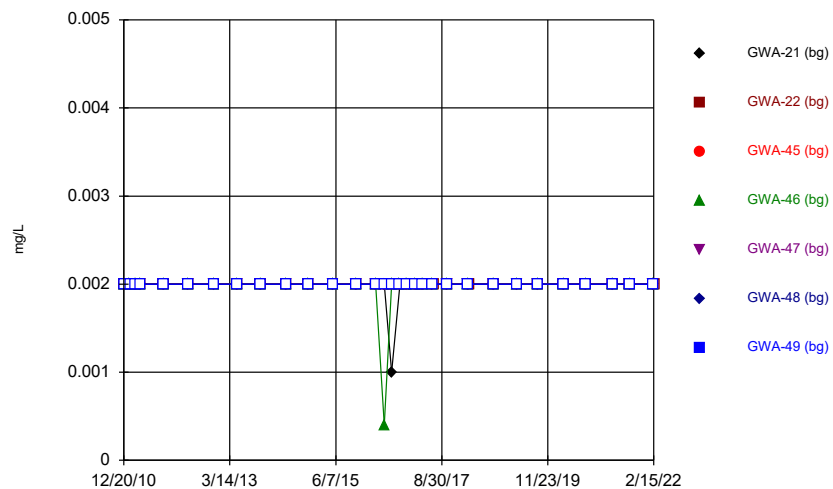
Appendix III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:11 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride (mg/L)	GWA-21 (bg)	0.1991	87	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.3262	-65	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.226	65	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.4321	118	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-47 (bg)	0	-2	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	-6	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	-0.02152	-37	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2283	88	63	Yes	17	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-21 (bg)	0.02491	64	81	No	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-22 (bg)	0.01999	32	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-45 (bg)	-0.01606	-35	-81	No	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-46 (bg)	0.004797	20	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-47 (bg)	0.01159	51	98	No	23	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-48 (bg)	0.01057	39	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-49 (bg)	0.008754	31	81	No	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	0.06442	104	81	Yes	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-51	0.01242	71	92	No	22	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-52	0	8	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.04606	26	68	No	18	5.556	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	-23	-68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	5.294	53	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	-13	-68	No	18	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	-28	-68	No	18	83.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0.01765	17	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-28	-68	No	18	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	8.594	133	68	Yes	18	5.556	n/a	n/a	0.01	NP

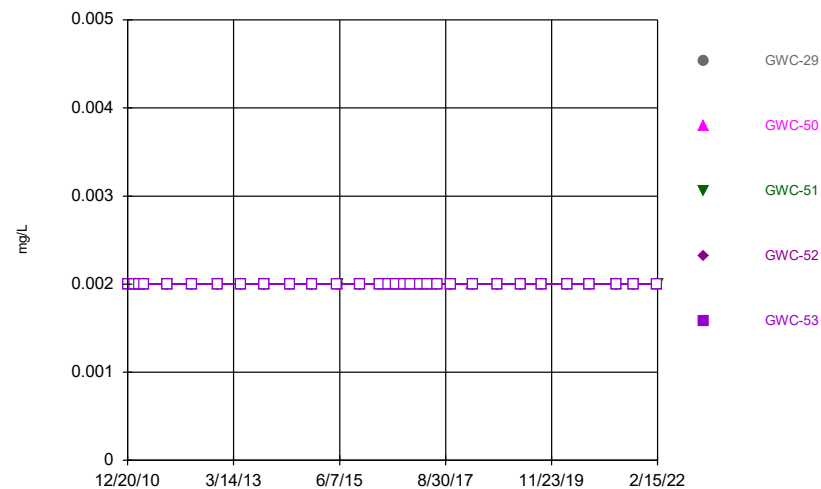
FIGURE A.

Time Series



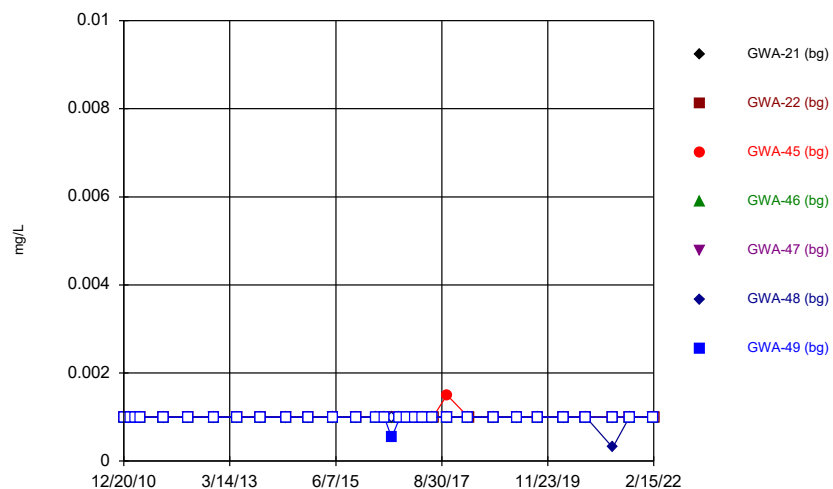
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Time Series



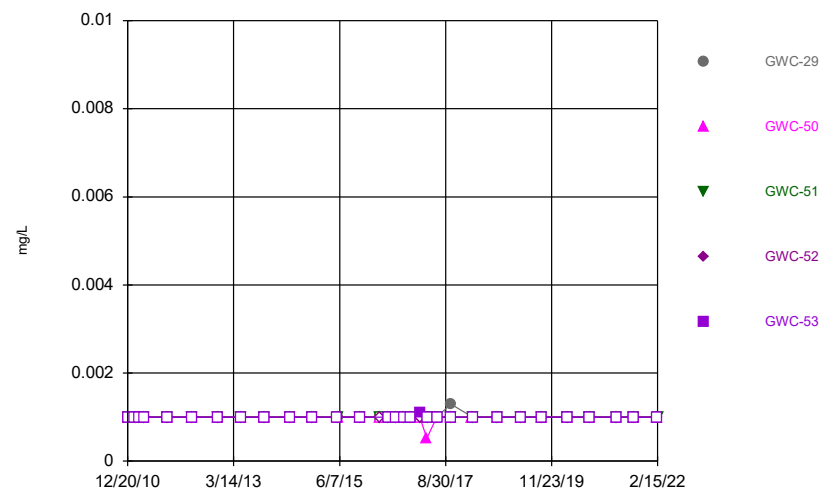
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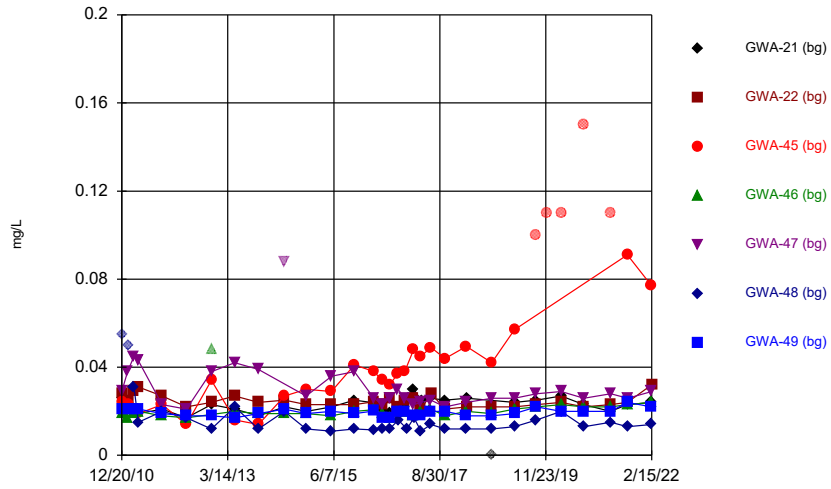
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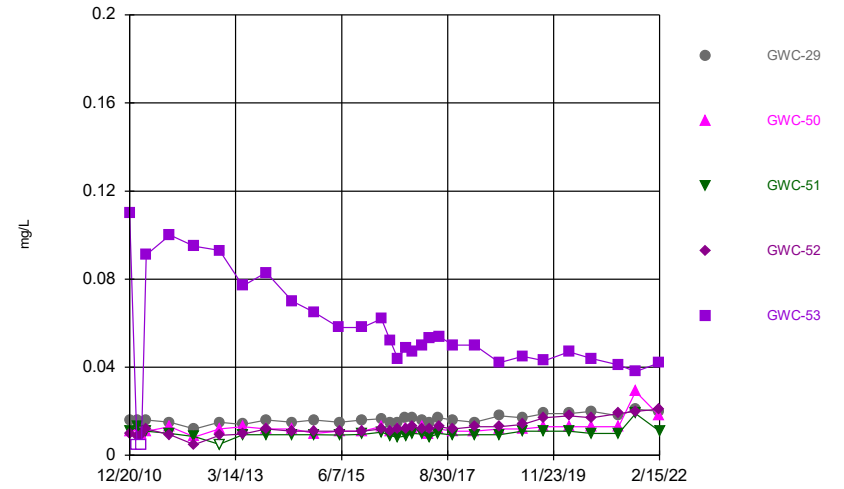
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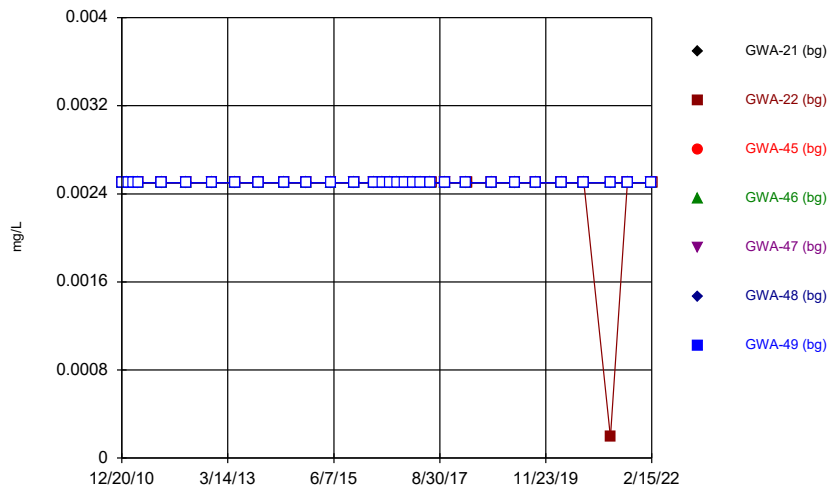
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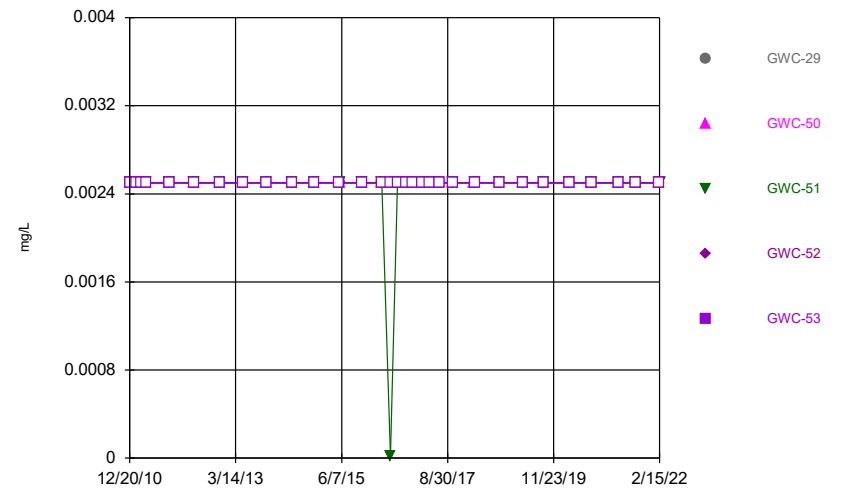
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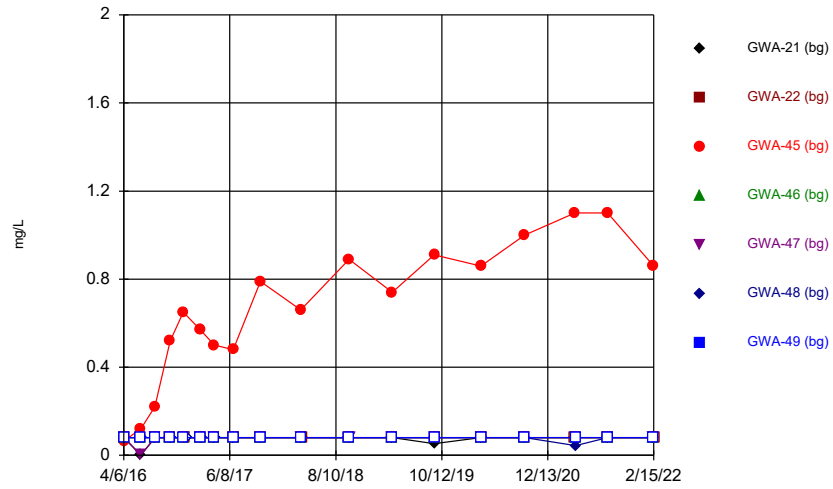
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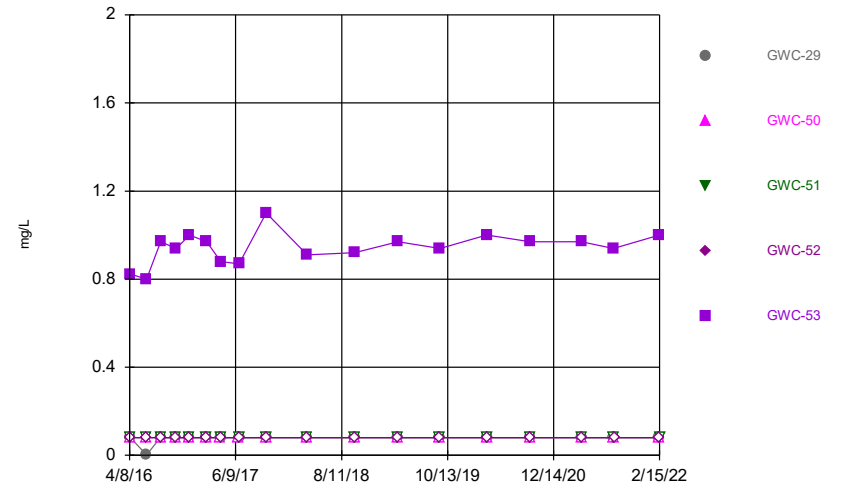
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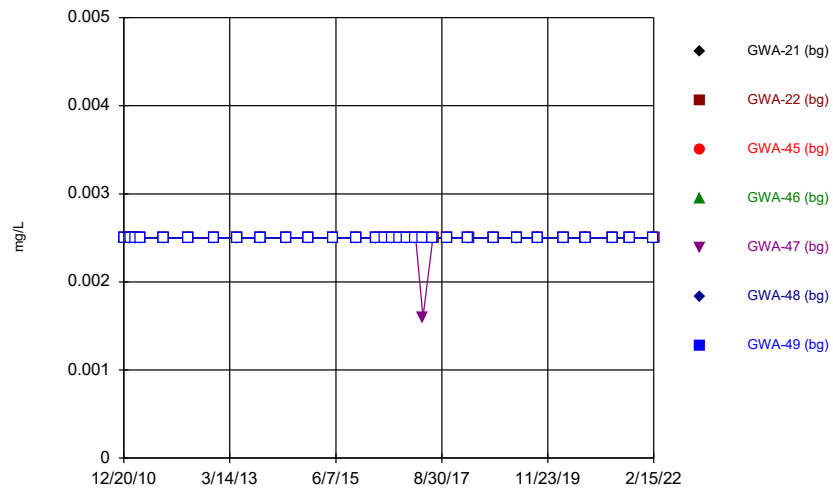
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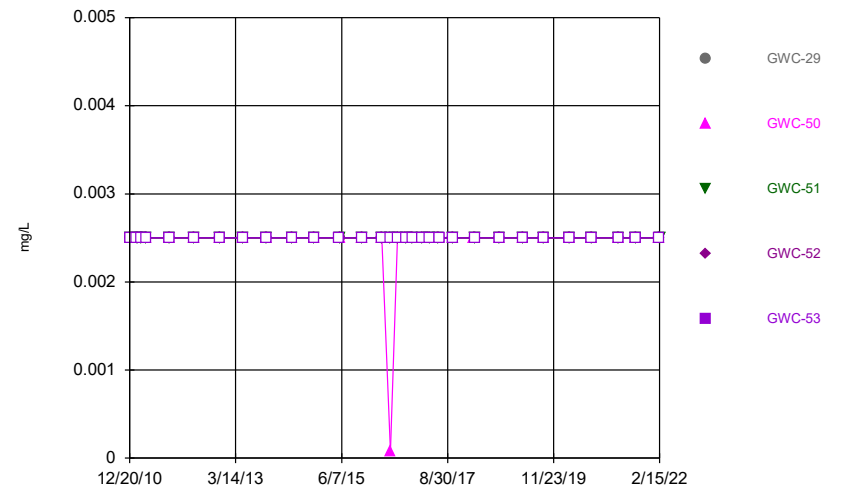
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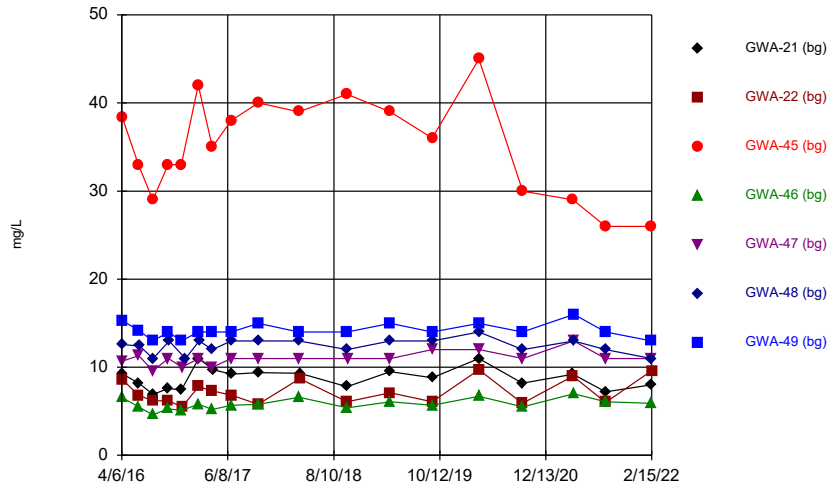
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



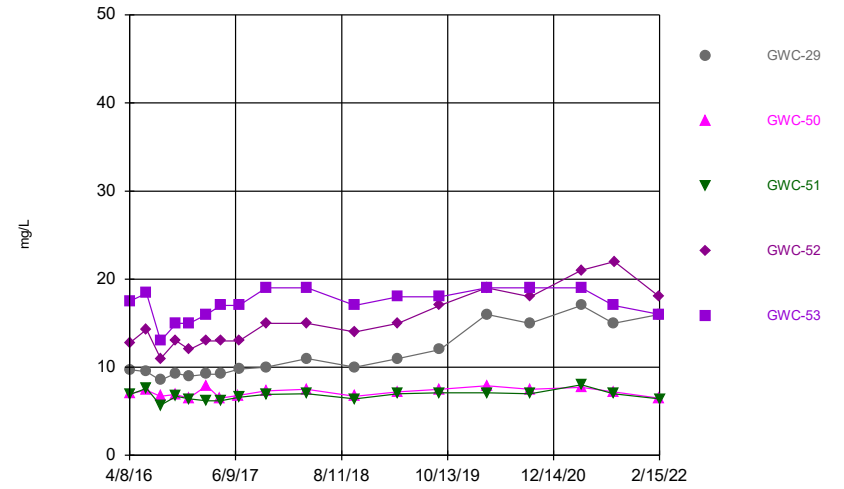
Constituent: Cadmium, Total Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



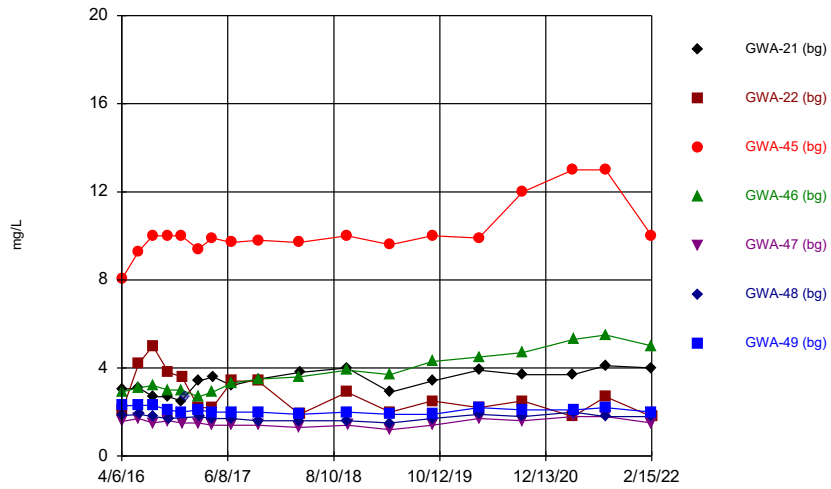
Constituent: Calcium Analysis Run 4/7/2022 8:55 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



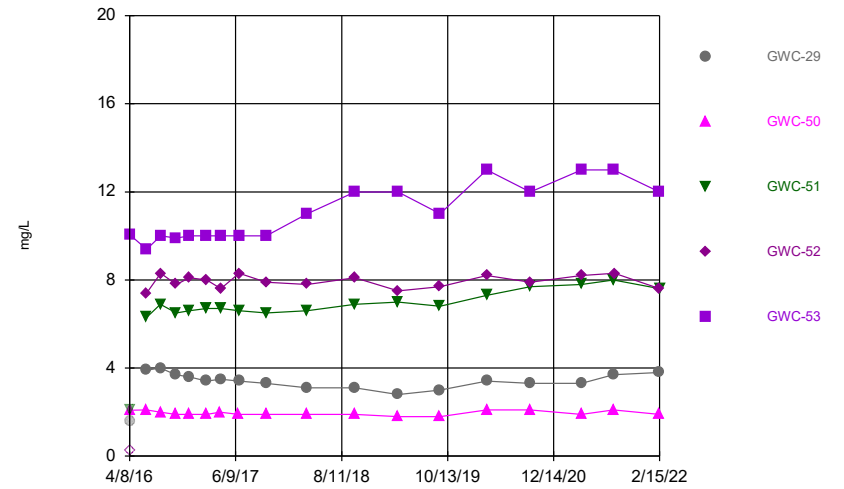
Constituent: Calcium Analysis Run 4/7/2022 8:55 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



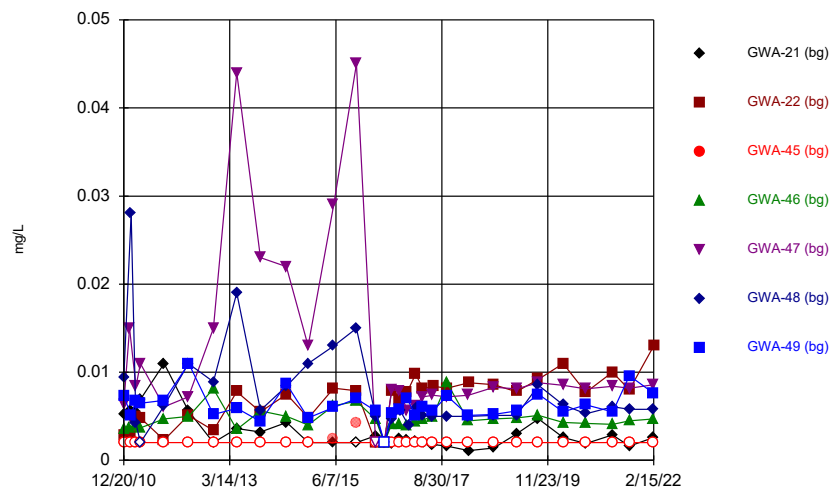
Constituent: Chloride Analysis Run 4/7/2022 8:55 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



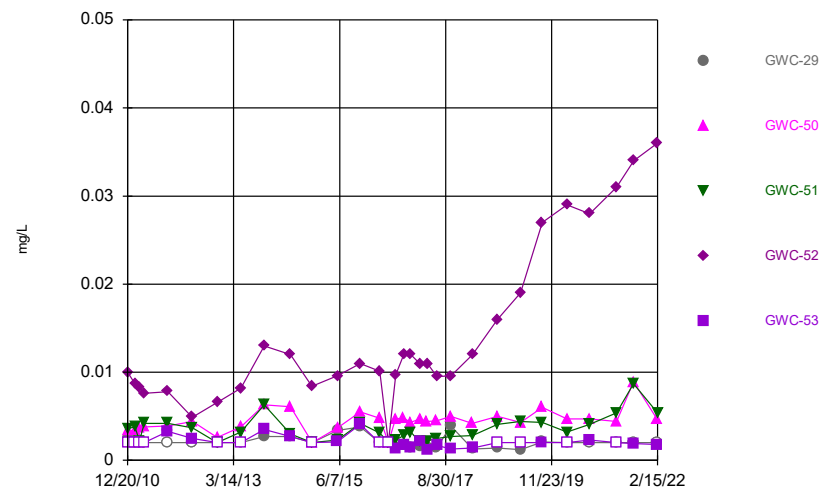
Constituent: Chloride Analysis Run 4/7/2022 8:55 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



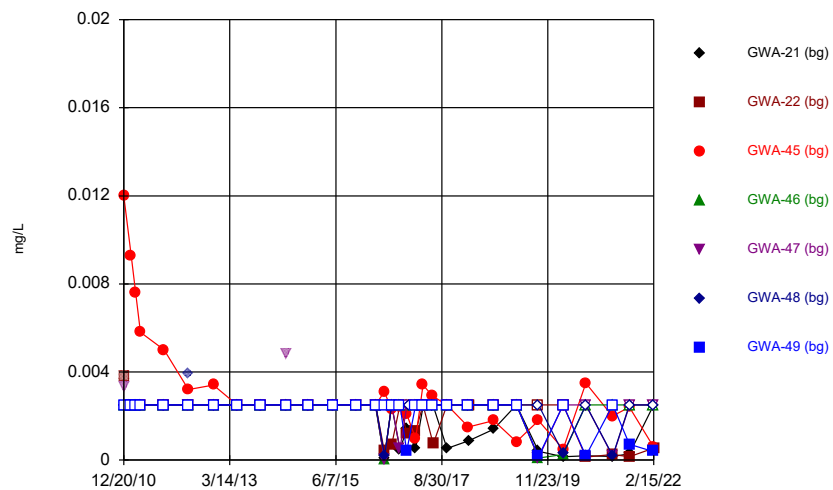
Constituent: Chromium, Total Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



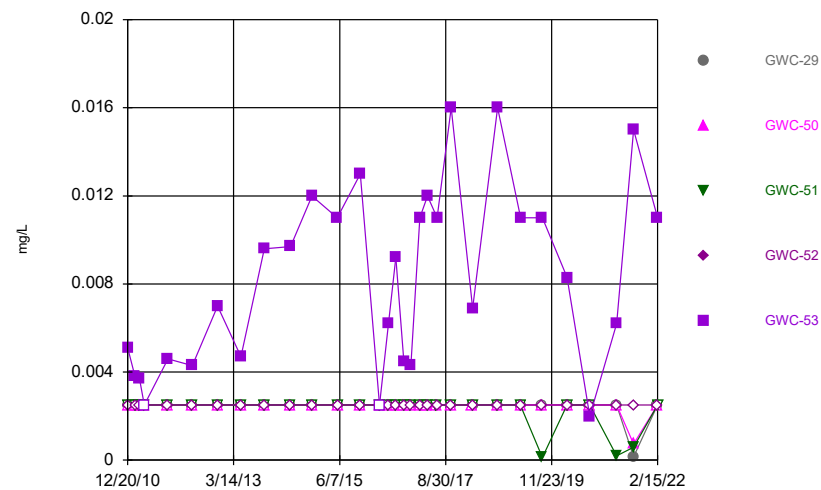
Constituent: Chromium, Total Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



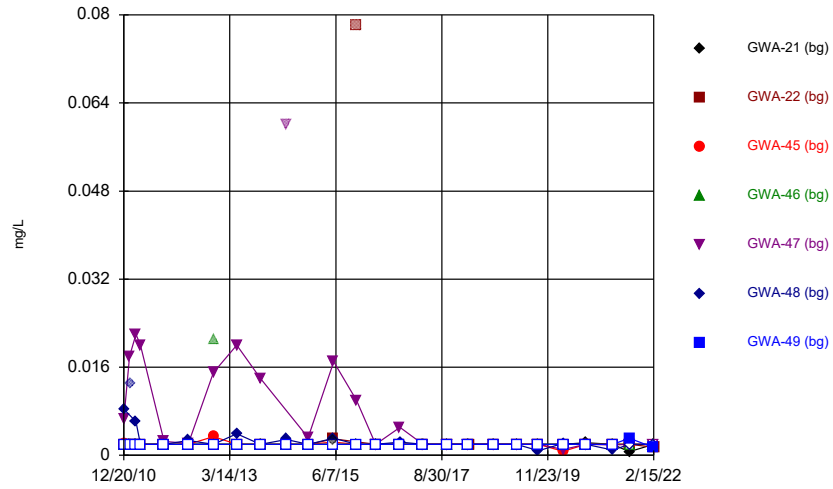
Constituent: Cobalt, Total Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



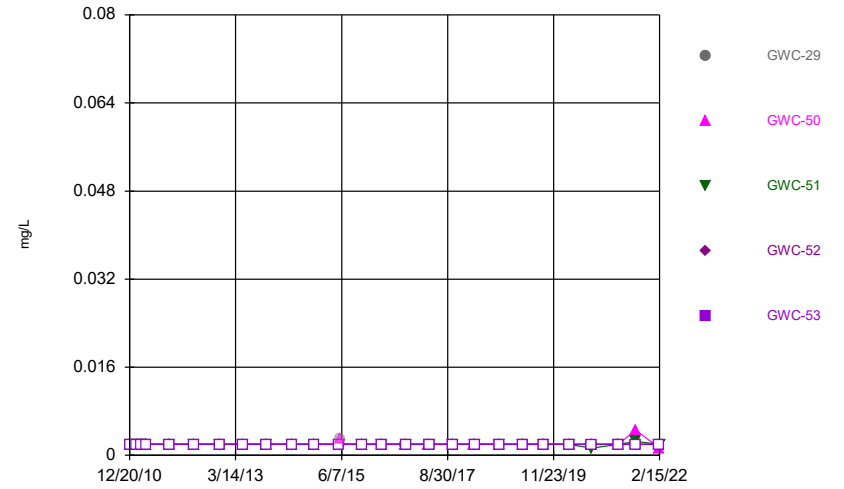
Constituent: Cobalt, Total Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



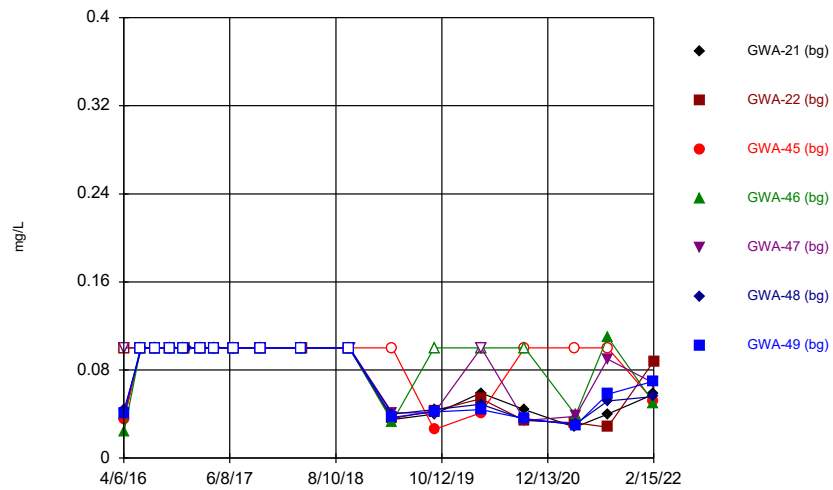
Constituent: Copper, Total Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



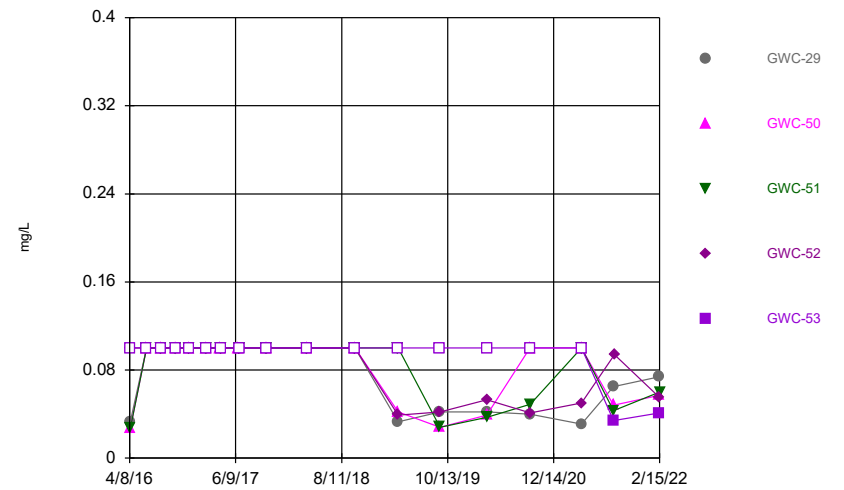
Constituent: Copper, Total Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



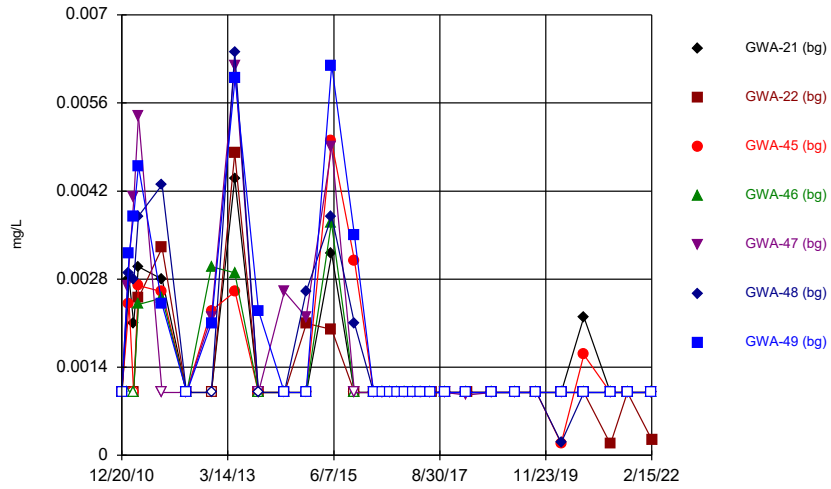
Constituent: Fluoride Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



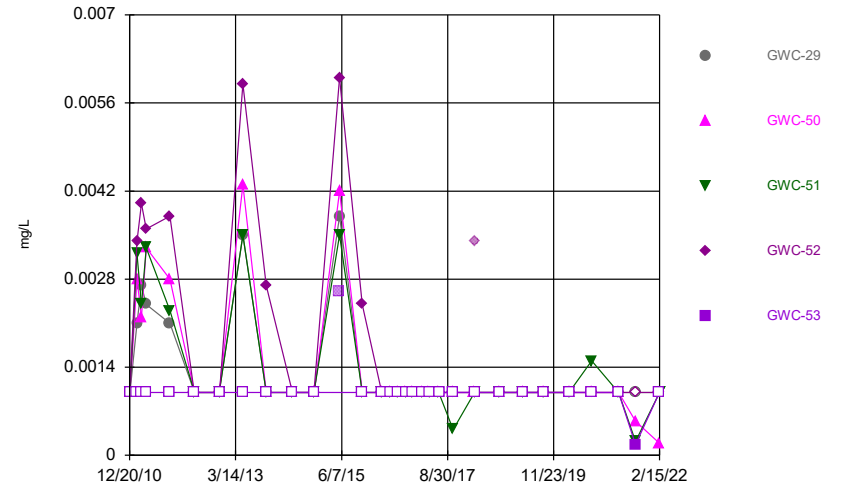
Constituent: Fluoride Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



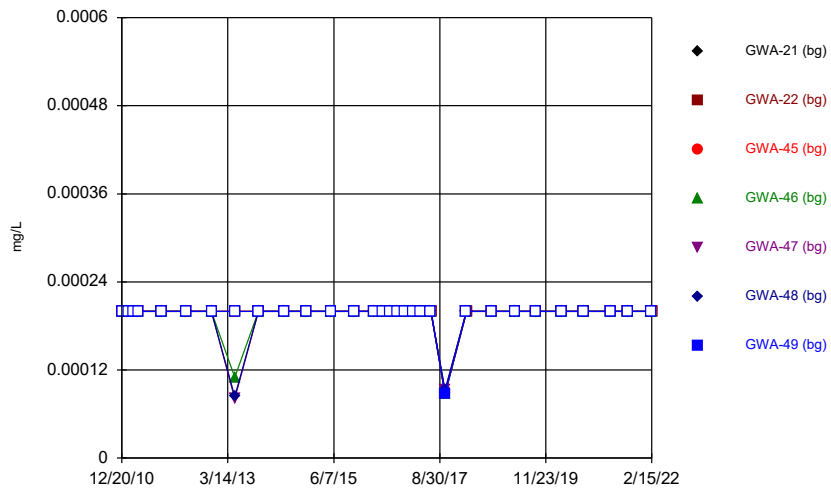
Constituent: Lead, Total Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



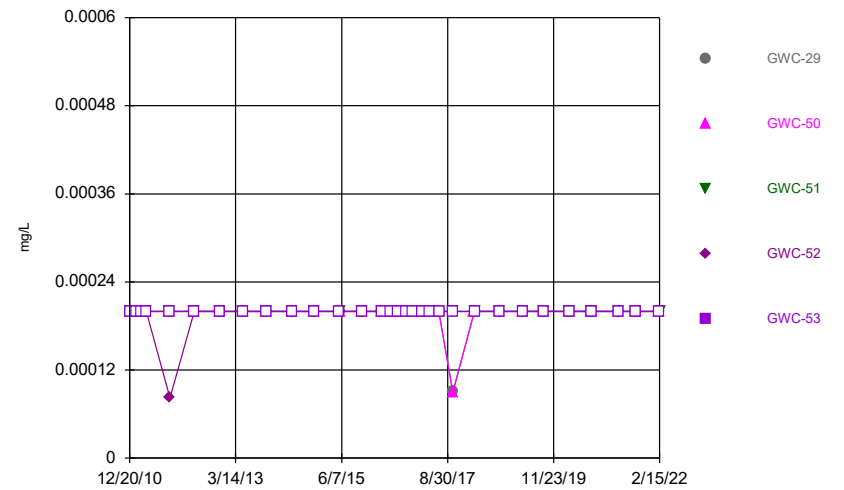
Constituent: Lead, Total Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



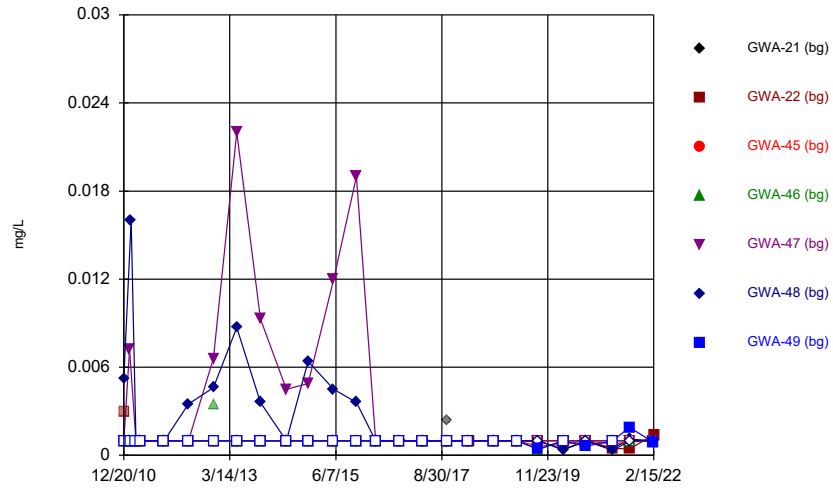
Constituent: Mercury, Total Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



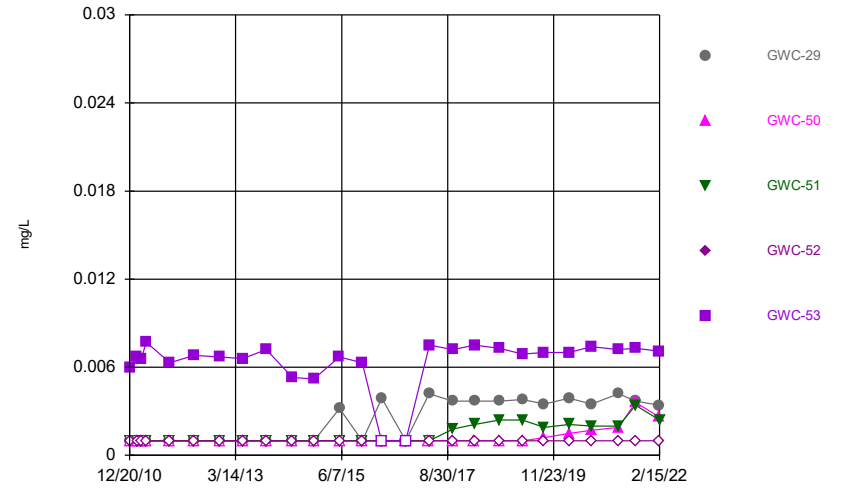
Constituent: Mercury, Total Analysis Run 4/7/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



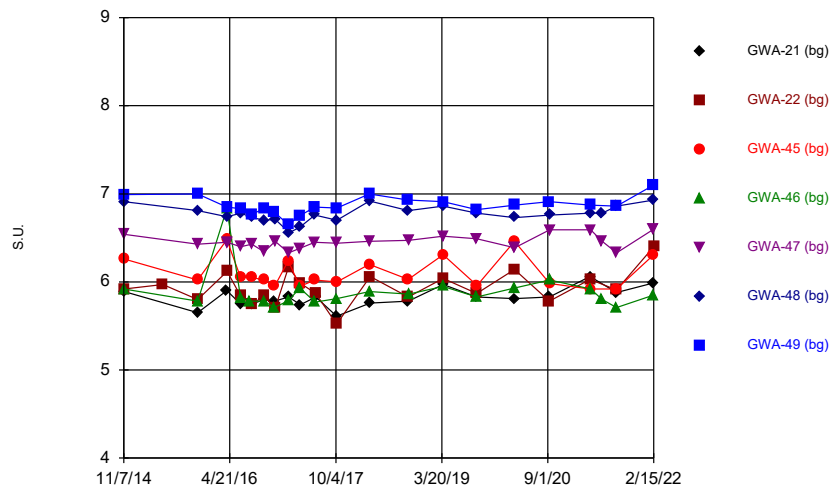
Constituent: Nickel, Total Analysis Run 4/7/2022 8:55 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



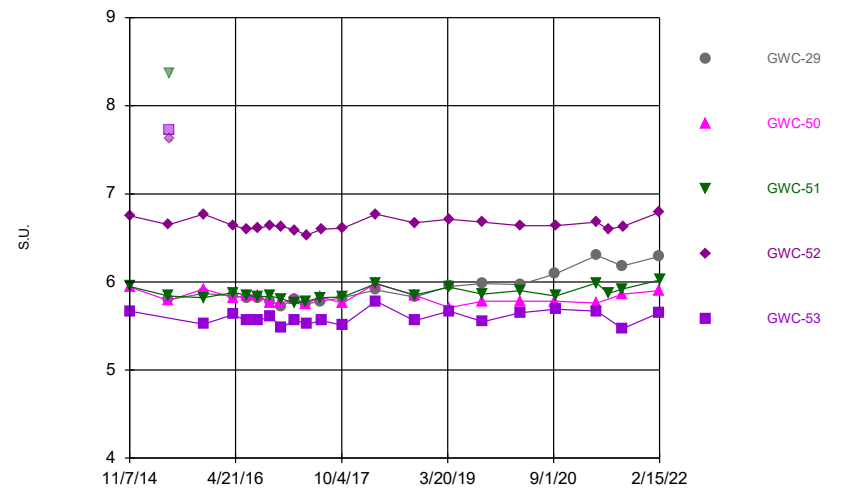
Constituent: Nickel, Total Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



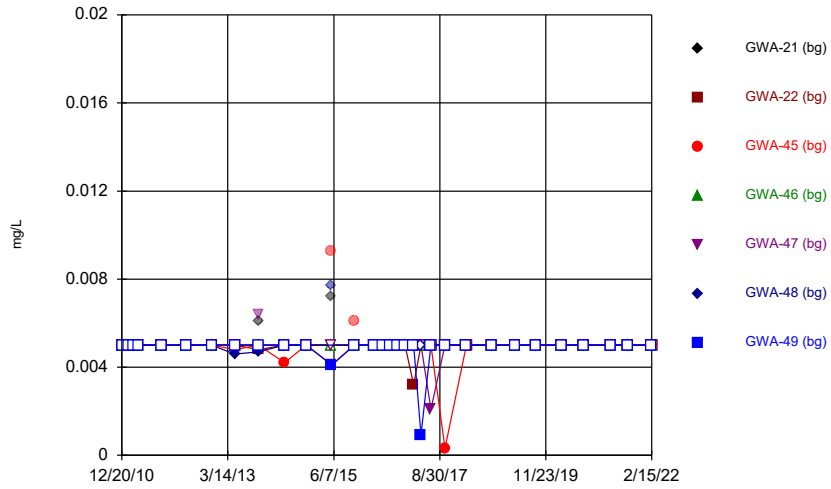
Constituent: pH Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



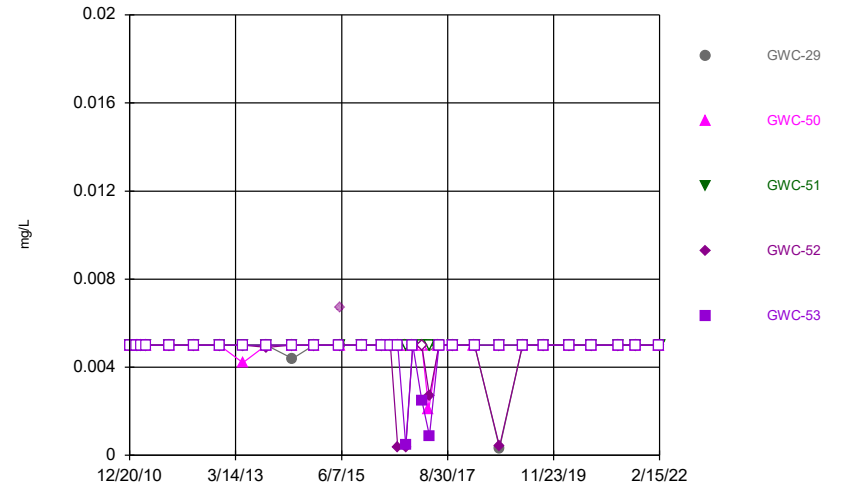
Constituent: pH Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



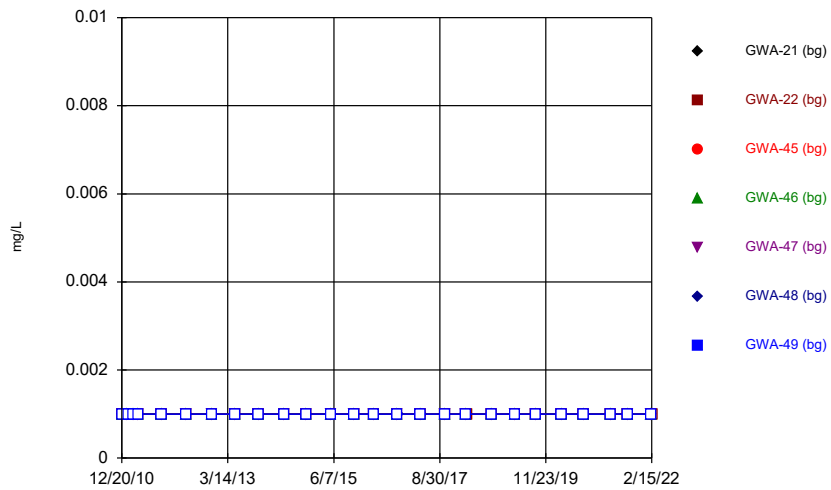
Constituent: Selenium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



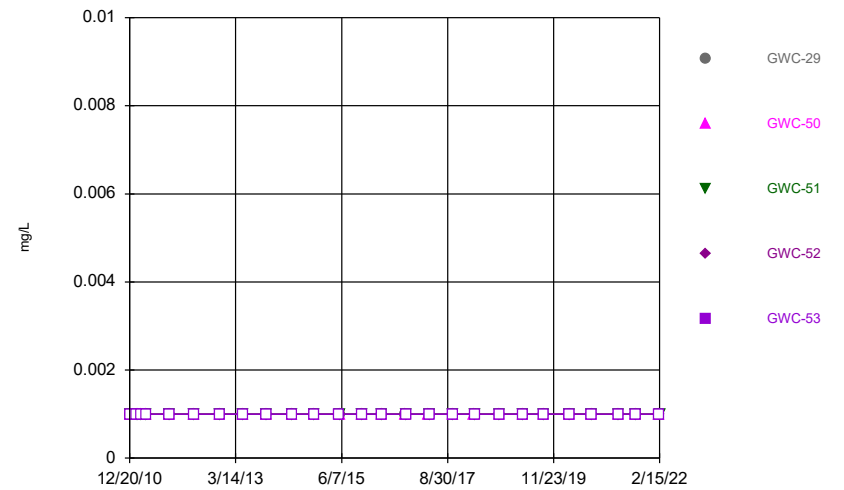
Constituent: Selenium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



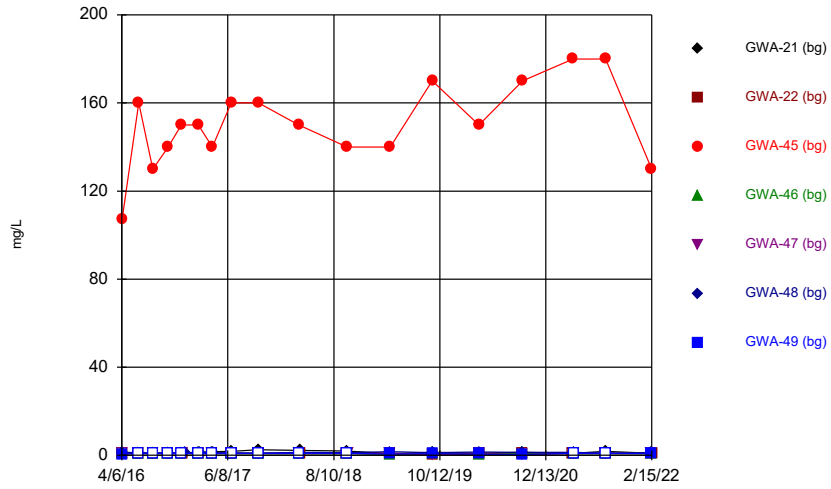
Constituent: Silver, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



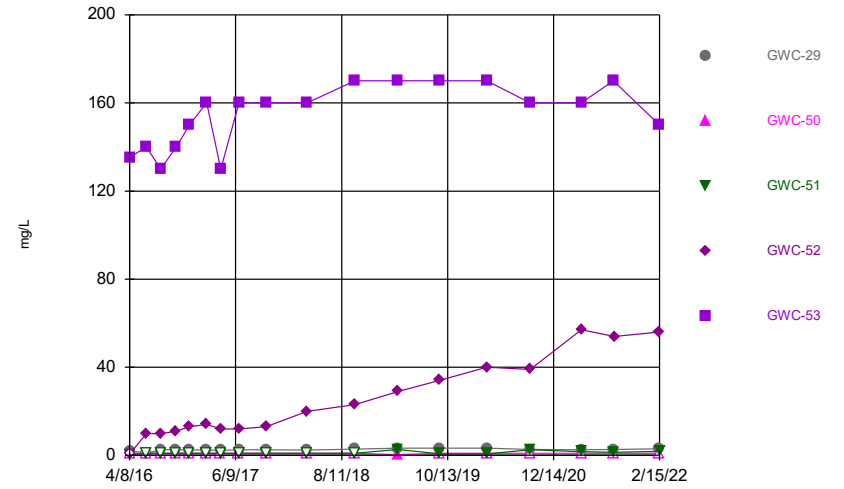
Constituent: Silver, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



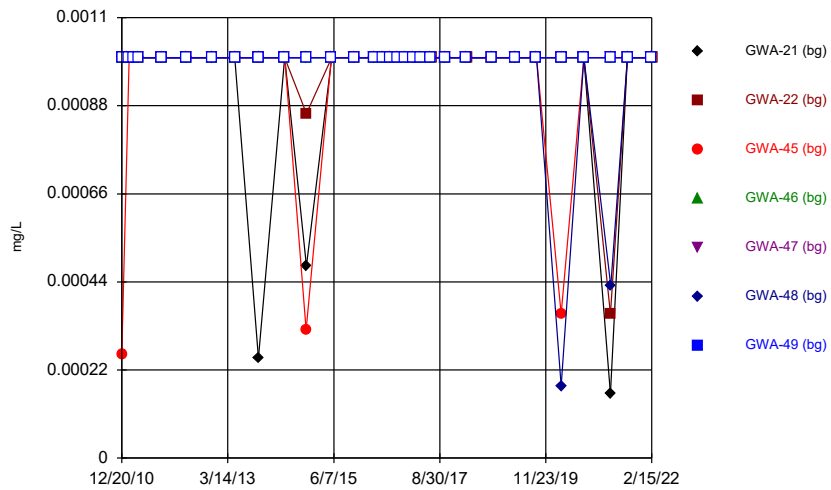
Constituent: Sulfate Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



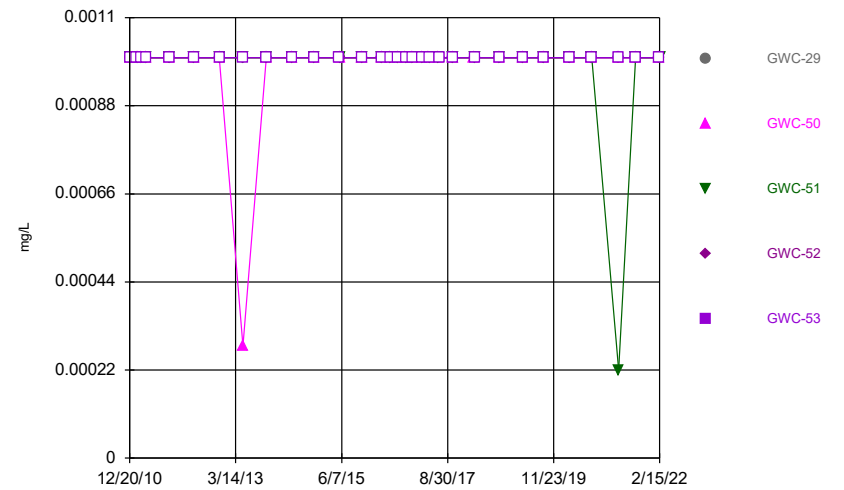
Constituent: Sulfate Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



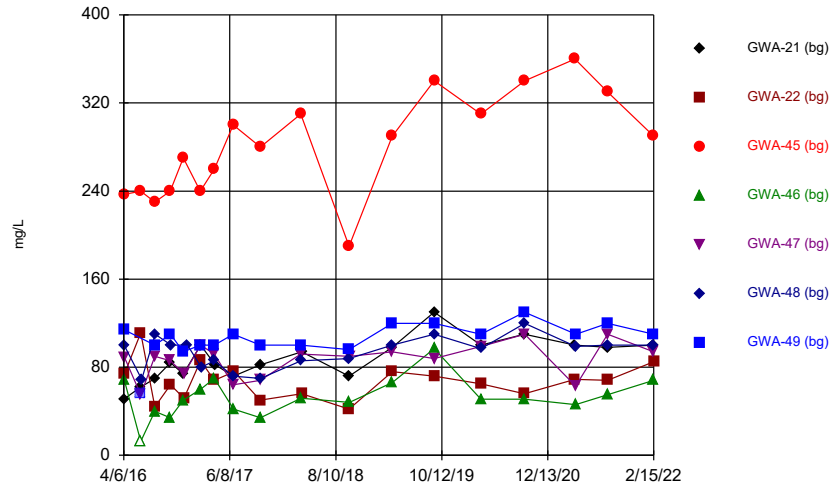
Constituent: Thallium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



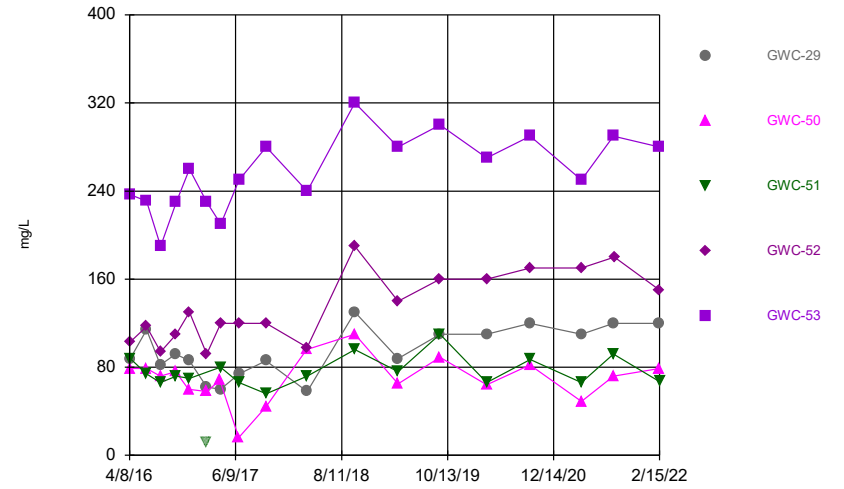
Constituent: Thallium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



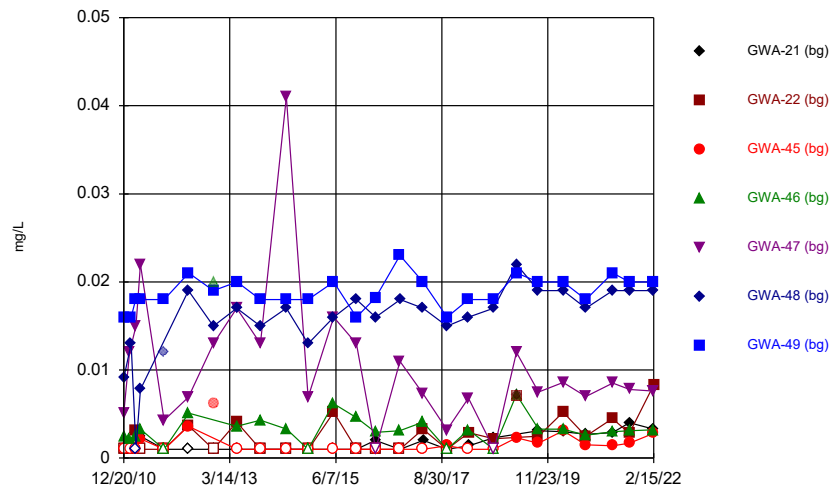
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



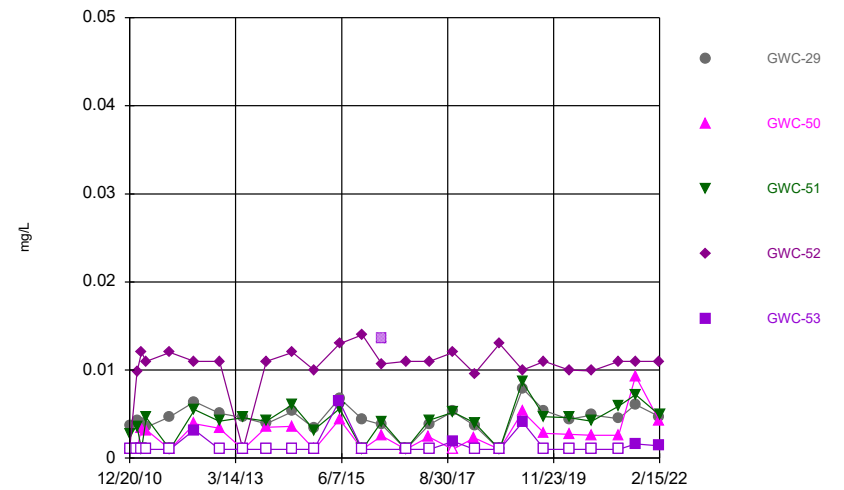
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



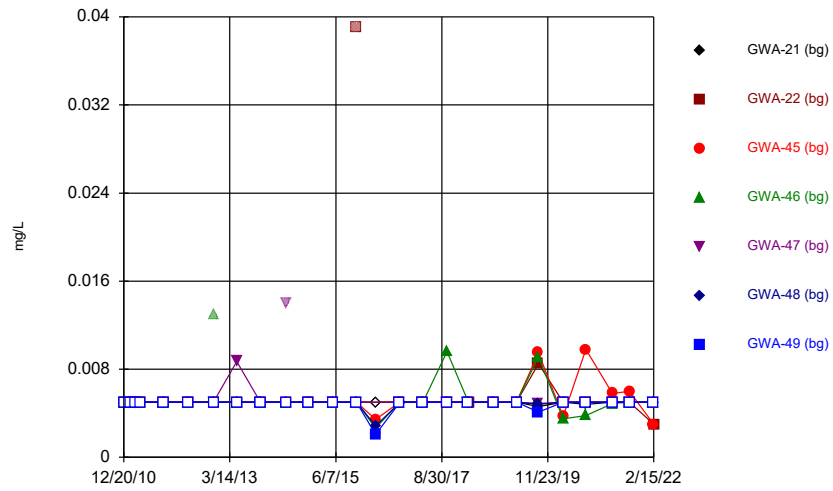
Constituent: Vanadium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



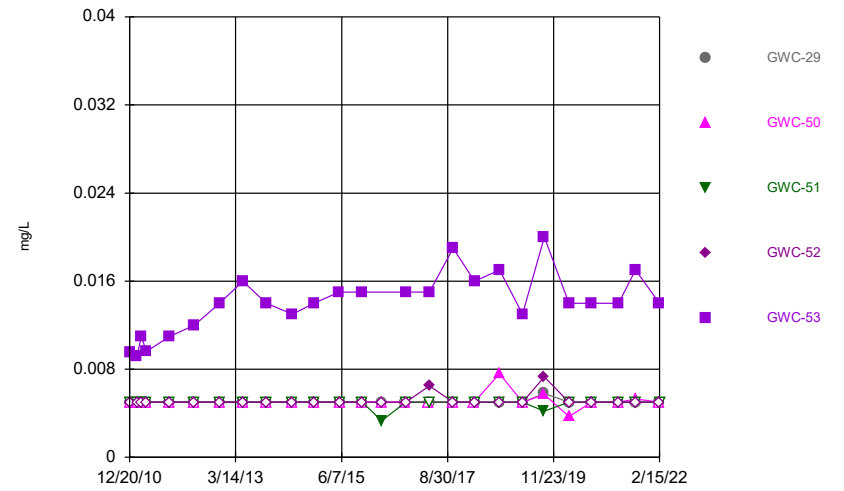
Constituent: Vanadium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



Constituent: Zinc, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



Constituent: Zinc, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.002	<0.002	<0.002		
12/21/2010						<0.002	<0.002
12/22/2010	<0.002	<0.002					
2/1/2011				<0.002	<0.002		
2/14/2011	<0.002	<0.002	<0.002			<0.002	<0.002
3/21/2011			<0.002	<0.002			<0.002
3/22/2011	<0.002	<0.002					
3/23/2011					<0.002	<0.002	
4/26/2011	<0.002	<0.002	<0.002	<0.002			<0.002
4/27/2011					<0.002	<0.002	
10/25/2011						<0.002	
10/26/2011			<0.002		<0.002		<0.002
10/27/2011	<0.002	<0.002		<0.002			
5/1/2012	<0.002	<0.002	<0.002		<0.002	<0.002	
5/2/2012				<0.002			<0.002
11/8/2012	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
5/7/2013	<0.002	<0.002		<0.002	<0.002	<0.002	
5/8/2013			<0.002				<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002			
11/5/2013					<0.002	<0.002	<0.002
5/23/2014					<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002			
11/7/2014			<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002	<0.002					
5/20/2015			<0.002	<0.002			
5/21/2015	<0.002	<0.002			<0.002	<0.002	<0.002
11/12/2015					<0.002	<0.002	<0.002
11/13/2015	<0.002	<0.002	<0.002	<0.002			
4/6/2016	<0.002						
4/7/2016			<0.002	<0.002		<0.002	<0.002
4/8/2016		<0.002 (D)			<0.002 (D)		
6/14/2016	<0.002	<0.002	<0.002	0.0004 (J)	<0.002		<0.002
6/17/2016						<0.002	
8/9/2016		<0.002	<0.002	<0.002	<0.002		<0.002
8/10/2016	0.001 (J)					<0.002	
10/10/2016			<0.002	<0.002			
10/11/2016	<0.002	<0.002			<0.002		<0.002
10/14/2016						<0.002	
12/2/2016	<0.002		<0.002	<0.002			<0.002
12/5/2016		<0.002			<0.002		
12/19/2016						<0.002	
2/9/2017			<0.002				<0.002
2/10/2017	<0.002	<0.002		<0.002	<0.002		
2/13/2017						<0.002	
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002						
6/22/2017			<0.002		<0.002	<0.002	<0.002
6/23/2017	<0.002			<0.002			
6/26/2017		<0.002					
10/9/2017	<0.002	<0.002					
10/10/2017			<0.002	<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002 (D)		<0.002		<0.002

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.002		<0.002	
3/26/2018	<0.002	<0.002 (D)					
10/3/2018	<0.002	<0.002	<0.002			<0.002	<0.002
10/4/2018				<0.002			
10/5/2018					<0.002		
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002
3/20/2020					<0.002		
9/10/2020	<0.002	<0.002					<0.002
9/11/2020			<0.002	<0.002	<0.002	<0.002	
4/2/2021	<0.002	<0.002	<0.002				
4/5/2021				<0.002	<0.002	<0.002	
4/6/2021							<0.002
8/12/2021	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002
8/13/2021					<0.002		
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002
2/15/2022		<0.002					

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.002	
12/22/2010	<0.002	<0.002	<0.002		
2/14/2011					<0.002
2/15/2011	<0.002	<0.002	<0.002	<0.002	
3/21/2011				<0.002	<0.002
3/22/2011	<0.002	<0.002	<0.002		
4/27/2011	<0.002	<0.002	<0.002		<0.002
4/28/2011				<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012				<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002		
11/9/2012				<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002		<0.002	<0.002	<0.002
11/8/2014		<0.002			
5/20/2015					<0.002
5/22/2015	<0.002	<0.002	<0.002	<0.002	
11/13/2015	<0.002	<0.002	<0.002	<0.002	<0.002
4/8/2016					<0.002 (D)
4/11/2016	<0.002	<0.002	<0.002	<0.002	
6/15/2016	<0.002	<0.002			
6/16/2016			<0.002	<0.002	<0.002
8/10/2016	<0.002	<0.002	<0.002		
8/11/2016				<0.002	<0.002
10/11/2016	<0.002	<0.002			
10/13/2016			<0.002	<0.002	<0.002
12/2/2016		<0.002			
12/5/2016	<0.002		<0.002	<0.002	
12/6/2016					<0.002
2/13/2017	<0.002	<0.002	<0.002	<0.002	<0.002
4/7/2017		<0.002			
4/10/2017	<0.002		<0.002		
4/11/2017				<0.002	<0.002
6/22/2017		<0.002			
6/23/2017	<0.002		<0.002		
6/24/2017				<0.002	<0.002
10/10/2017	<0.002	<0.002			
10/11/2017			<0.002	<0.002	<0.002
3/23/2018		<0.002			
3/26/2018	<0.002		<0.002	<0.002	<0.002
10/4/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019			<0.002		
3/28/2019	<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002			
9/11/2020			<0.002	<0.002	<0.002
4/5/2021			<0.002	<0.002	

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.002	<0.002			<0.002
8/13/2021	<0.002	<0.002	<0.002		<0.002
8/17/2021				<0.002	
2/14/2022	<0.002	<0.002		<0.002	<0.002
2/15/2022			<0.002		

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		0.00053
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			0.0015	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001
3/23/2018				<0.001		<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	<0.001	<0.001	<0.001				
4/5/2021				<0.001	<0.001	0.00031 (J)	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	0.0011
4/7/2017		0.00052			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	0.0013	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			<0.001	<0.001	
4/6/2021	<0.001	<0.001			<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.024 (J)	0.019 (J)	0.029 (J)		
12/21/2010						0.055 (O)	0.021 (J)
12/22/2010	0.026 (J)	0.028 (J)					
2/1/2011				0.017 (J)	0.038 (J)		
2/14/2011	0.022 (J)	0.025 (J)	0.023 (J)			0.05 (O)	0.021 (J)
3/21/2011			0.021 (J)	0.019 (J)			0.021 (J)
3/22/2011	0.02 (J)	0.029 (J)					
3/23/2011					0.045 (J)	0.031 (J)	
4/26/2011	0.019 (J)	0.031 (J)	0.019 (J)	0.02 (J)			0.021 (J)
4/27/2011					0.043 (J)	0.015 (J)	
10/25/2011						0.02	
10/26/2011			0.023		0.023		0.019
10/27/2011	0.021	0.027		0.018			
5/1/2012	0.017	0.022	0.014		0.021	0.017	
5/2/2012				0.017			0.018
11/8/2012	0.023	0.024	0.034	0.048 (O)	0.038	0.012	0.018
5/7/2013	0.021	0.027		0.02	0.042	0.022	
5/8/2013			0.016				0.017
11/4/2013	0.018	0.024	0.014	0.019			
11/5/2013					0.039	0.012	0.019
5/23/2014					0.088 (O)	0.02	0.021
5/24/2014	0.022	0.025	0.027	0.019			
11/7/2014			0.03	0.019	0.027	0.012	0.019
11/8/2014	0.02	0.023					
5/20/2015			0.029	0.018			
5/21/2015	0.022	0.023			0.036	0.011	0.02
11/12/2015					0.038	0.012	0.019
11/13/2015	0.025	0.023	0.041	0.02			
4/6/2016	0.0239						
4/7/2016			0.0381	0.0207		0.0116	0.0201
4/8/2016		0.0244			0.0261		
6/14/2016	0.021	0.023	0.034	0.019	0.023		0.017
6/17/2016						0.012	
8/9/2016		0.026	0.032	0.017	0.026		0.017
8/10/2016	0.019					0.012	
10/10/2016			0.037	0.02			
10/11/2016	0.02	0.022			0.03		0.02
10/14/2016						0.016	
12/2/2016	0.022		0.038	0.02			0.02
12/5/2016		0.025			0.026		
12/19/2016						0.012	
2/9/2017			0.048				0.018
2/10/2017	0.03	0.026		0.018	0.023		
2/13/2017						0.017	
4/7/2017		0.021	0.045	0.02	0.024	0.011	0.018
4/10/2017	0.025						
6/22/2017			0.049		0.025	0.014	0.02
6/23/2017	0.026			0.021			
6/26/2017		0.028					
10/9/2017	0.025	0.021					
10/10/2017			0.044	0.018	0.022	0.012	0.02
3/22/2018			0.0495 (D)		0.024		0.018

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				0.02		0.012	
3/26/2018	0.026	0.022 (D)					
10/3/2018	0.00049 (O)	0.022	0.042			0.012	0.018
10/4/2018				0.019			
10/5/2018					0.026		
3/27/2019	0.024	0.022	0.057	0.021	0.026	0.013	0.019
9/12/2019	0.025	0.023	0.1 (L)	0.022	0.028	0.016	0.022
12/2/2019			0.11 (RL)				
3/19/2020	0.027	0.024	0.11 (L)	0.023		0.02	0.02
3/20/2020					0.029		
9/10/2020	0.023	0.022					0.02
9/11/2020			0.15 (L)	0.022	0.026	0.013	
4/2/2021	0.02	0.023	0.11 (L)				
4/5/2021				0.022	0.028	0.015	
4/6/2021							0.02
8/12/2021	0.023	0.024	0.091	0.023		0.013	0.024
8/13/2021					0.026		
2/14/2022	0.024		0.077	0.024	0.029	0.014	0.022
2/15/2022		0.032					

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.11
12/21/2010				0.01 (J)	
12/22/2010	0.016 (J)	0.011 (J)	0.011 (J)		
2/14/2011					<0.01
2/15/2011	0.016 (J)	0.013 (J)	0.013 (J)	0.0086 (J)	
3/21/2011				0.009 (J)	<0.01
3/22/2011	0.014 (J)	0.01 (J)	0.01 (J)		
4/27/2011	0.016 (J)	0.011 (J)	0.011 (J)		0.091 (J)
4/28/2011				0.012 (J)	
10/26/2011	0.015	0.013	0.0099 (J)	0.0093 (J)	0.1
5/1/2012				0.0048 (J)	0.095
5/2/2012	0.012	0.0084 (J)	0.0085 (J)		
11/8/2012	0.015	0.012	<0.01		
11/9/2012				0.0091 (J)	0.093
5/8/2013	0.014	0.013	0.0094 (J)	0.0096 (J)	0.077
11/4/2013	0.016	0.012	0.0094 (J)	0.012	0.083
5/24/2014	0.015	0.012	0.0094 (J)	0.011	0.07
11/7/2014	0.016		0.0094 (J)	0.011	0.065
11/8/2014		0.01			
5/20/2015					0.058
5/22/2015	0.015	0.011	0.0092 (J)	0.011	
11/13/2015	0.016	0.011	0.0095 (J)	0.011	0.058
4/8/2016					0.0619
4/11/2016	0.0167	0.0132	0.0105	0.012	
6/15/2016	0.015	0.011			
6/16/2016			0.0089 (J)	0.011	0.052
8/10/2016	0.015	0.012	0.0082		
8/11/2016				0.012	0.044
10/11/2016	0.017	0.012			
10/13/2016			0.0088	0.012	0.049
12/2/2016		0.012			
12/5/2016	0.017		0.01	0.013	
12/6/2016					0.047
2/13/2017	0.016	0.013	0.0097	0.012	0.05
4/7/2017		0.01			
4/10/2017	0.015		0.0082		
4/11/2017				0.012	0.053
6/22/2017		0.012			
6/23/2017	0.017		0.01		
6/24/2017				0.013	0.054
10/10/2017	0.016	0.011			
10/11/2017			0.0092	0.012	0.05
3/23/2018		0.011			
3/26/2018	0.015		0.0094	0.013	0.05
10/4/2018	0.018	0.012	0.0093	0.013	0.042
3/27/2019			0.011		
3/28/2019	0.017	0.012		0.014	0.045
9/12/2019	0.019	0.013	0.011	0.017	0.043
3/19/2020	0.019	0.013	0.011	0.018	0.047
9/10/2020	0.02	0.013			
9/11/2020			0.01	0.017	0.044
4/5/2021			0.01	0.019	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	0.018	0.013			0.041
8/13/2021	0.021	0.029	0.019		0.038
8/17/2021				0.02	
2/14/2022	0.02	0.018		0.021	0.042
2/15/2022			0.011		

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	<0.0025	<0.0025		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	<0.0025					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
3/21/2011			<0.0025	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			<0.0025		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
6/17/2016						<0.0025	
8/9/2016		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			<0.0025	<0.0025			
10/11/2016	<0.0025	<0.0025			<0.0025		<0.0025
10/14/2016						<0.0025	
12/2/2016	<0.0025		<0.0025	<0.0025			<0.0025
12/5/2016		<0.0025			<0.0025		
12/19/2016						<0.0025	
2/9/2017			<0.0025				<0.0025
2/10/2017	<0.0025	<0.0025		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			<0.0025		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		<0.0025					
10/9/2017	<0.0025	<0.0025					
10/10/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			<0.0025 (D)		<0.0025		<0.0025

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	<0.0025	<0.0025 (D)					
10/3/2018	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
3/20/2020					<0.0025		
9/10/2020	<0.0025	<0.0025					<0.0025
9/11/2020			<0.0025	<0.0025	<0.0025	<0.0025	
4/2/2021	<0.0025	0.00019 (J)	<0.0025				
4/5/2021				<0.0025	<0.0025	<0.0025	
4/6/2021							<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
8/13/2021					<0.0025		
2/14/2022	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/15/2022		<0.0025					

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0025
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					<0.0025
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	<0.0025
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/1/2012				<0.0025	<0.0025
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/7/2014	<0.0025		<0.0025	<0.0025	<0.0025
11/8/2014		<0.0025			
5/20/2015					<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/8/2016					<0.0025
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	<0.0025			
6/16/2016			2E-05 (J)	<0.0025	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	<0.0025
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					<0.0025
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	<0.0025
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	<0.0025
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	<0.0025
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	<0.0025
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	<0.0025
4/5/2021			<0.0025	<0.0025	

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			<0.0025
8/13/2021	<0.0025	<0.0025	<0.0025		<0.0025
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	<0.0025
2/15/2022			<0.0025		

Time Series

Constituent: Boron (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	<0.08						
4/7/2016			0.0657 (J)	<0.08		<0.08	<0.08
4/8/2016		<0.08			<0.08		
6/14/2016	0.0012 (J)	<0.08	0.12	<0.08	0.00079 (J)		<0.08
6/17/2016						<0.08	
8/9/2016		<0.08	0.22	<0.08	<0.08		<0.08
8/10/2016	<0.08					<0.08	
10/10/2016			0.52	<0.08			
10/11/2016	<0.08	<0.08			<0.08		<0.08
10/14/2016						<0.08	
12/2/2016	<0.08		0.65	<0.08			<0.08
12/5/2016		<0.08			<0.08		
12/19/2016						<0.08	
2/9/2017			0.57				<0.08
2/10/2017	<0.08	<0.08		<0.08	<0.08		
2/13/2017						<0.08	
4/7/2017		<0.08	0.5	<0.08	<0.08	<0.08	<0.08
4/10/2017	<0.08						
6/22/2017			0.48		<0.08	<0.08	<0.08
6/23/2017	<0.08			<0.08			
6/26/2017		<0.08					
10/9/2017	<0.08	<0.08					
10/10/2017			0.79	<0.08	<0.08	<0.08	<0.08
3/22/2018			0.66		<0.08		<0.08
3/23/2018				<0.08		<0.08	
3/26/2018	<0.08	<0.08 (D)					
10/3/2018	<0.08	<0.08	0.89			<0.08	<0.08
10/4/2018				<0.08			
10/5/2018					<0.08		
3/27/2019	<0.08	<0.08	0.74	<0.08	<0.08	<0.08	<0.08
9/12/2019	0.053	<0.08	0.91	<0.08	<0.08	<0.08	<0.08
3/19/2020	<0.08	<0.08	0.86	<0.08		<0.08	<0.08
3/20/2020					<0.08		
9/10/2020	<0.08	<0.08					<0.08
9/11/2020			1	<0.08	<0.08	<0.08	
4/2/2021	<0.08	<0.08	1.1				
4/5/2021				<0.08	<0.08	0.044 (J)	
4/6/2021							<0.08
8/12/2021	<0.08	<0.08	1.1	<0.08		<0.08	<0.08
8/13/2021					<0.08		
2/14/2022	<0.08		0.86	<0.08	<0.08	<0.08	<0.08
2/15/2022		<0.08					

Time Series

Constituent: Boron (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					0.824
4/11/2016	<0.08	<0.08	<0.08	<0.08	
6/15/2016	0.0021 (J)	<0.08			
6/16/2016			<0.08	<0.08	0.8 (J)
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	0.97
10/11/2016	<0.08	<0.08			
10/13/2016			<0.08	<0.08	0.94
12/2/2016		<0.08			
12/5/2016	<0.08		<0.08	<0.08	
12/6/2016					1
2/13/2017	<0.08	<0.08	<0.08	<0.08	0.97
4/7/2017		<0.08			
4/10/2017	<0.08		<0.08		
4/11/2017				<0.08	0.88
6/22/2017		<0.08			
6/23/2017	<0.08		<0.08		
6/24/2017				<0.08	0.87
10/10/2017	<0.08	<0.08			
10/11/2017			<0.08	<0.08	1.1
3/23/2018		<0.08			
3/26/2018	<0.08		<0.08	<0.08	0.91
10/4/2018	<0.08	<0.08	<0.08	<0.08	0.92
3/27/2019			<0.08		
3/28/2019	<0.08	<0.08		<0.08	0.97
9/12/2019	<0.08	<0.08	<0.08	<0.08	0.94
3/19/2020	<0.08	<0.08	<0.08	<0.08	1
9/10/2020	<0.08	<0.08			
9/11/2020			<0.08	<0.08	0.97
4/5/2021			<0.08	<0.08	
4/6/2021	<0.08	<0.08			0.97
8/13/2021	<0.08	<0.08	<0.08		0.94
8/17/2021				<0.08	
2/14/2022	<0.08	<0.08		<0.08	1
2/15/2022			<0.08		

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	<0.0025	<0.0025		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	<0.0025					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
3/21/2011			<0.0025	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			<0.0025		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
6/17/2016						<0.0025	
8/9/2016		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			<0.0025	<0.0025			
10/11/2016	<0.0025	<0.0025			<0.0025		<0.0025
10/14/2016						<0.0025	
12/2/2016	<0.0025		<0.0025	<0.0025			<0.0025
12/5/2016		<0.0025			<0.0025		
12/19/2016						<0.0025	
2/9/2017			<0.0025				<0.0025
2/10/2017	<0.0025	<0.0025		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	<0.0025	<0.0025	0.0016	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			<0.0025		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		<0.0025					
10/9/2017	<0.0025	<0.0025					
10/10/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			<0.0025 (D)		<0.0025		<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	<0.0025	<0.0025 (D)					
10/3/2018	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
3/20/2020					<0.0025		
9/10/2020	<0.0025	<0.0025					<0.0025
9/11/2020			<0.0025	<0.0025	<0.0025	<0.0025	
4/2/2021	<0.0025	<0.0025	<0.0025				
4/5/2021				<0.0025	<0.0025	<0.0025	
4/6/2021							<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
8/13/2021					<0.0025		
2/14/2022	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/15/2022		<0.0025					

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0025
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					<0.0025
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	<0.0025
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/1/2012				<0.0025	<0.0025
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/7/2014	<0.0025		<0.0025	<0.0025	<0.0025
11/8/2014		<0.0025			
5/20/2015					<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/8/2016					<0.0025
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	7.4E-05 (J)			
6/16/2016			<0.0025	<0.0025	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	<0.0025
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					<0.0025
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	<0.0025
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	<0.0025
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	<0.0025
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	<0.0025
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	<0.0025
4/5/2021			<0.0025	<0.0025	

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			<0.0025
8/13/2021	<0.0025	<0.0025	<0.0025		<0.0025
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	<0.0025
2/15/2022			<0.0025		

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	9.27						
4/7/2016			38.4	6.57		12.6	15.3
4/8/2016		8.6			10.7		
6/14/2016	8.2	6.8	32.9	5.5	11.3		14.2
6/17/2016						12.4	
8/9/2016		6.2	29	4.6	9.6		13
8/10/2016	6.9					11	
10/10/2016			33	5.3			
10/11/2016	7.6	6.2			11		14
10/14/2016						13	
12/2/2016	7.4		33	5.1			13
12/5/2016		5.5			10		
12/19/2016						11	
2/9/2017			42				14
2/10/2017	11	7.8		5.8	11		
2/13/2017						13	
4/7/2017		7.3	35	5.2	10	12	14
4/10/2017	9.7						
6/22/2017			38		11	13	14
6/23/2017	9.2			5.7			
6/26/2017		6.8					
10/9/2017	9.4	5.8					
10/10/2017			40	5.8	11	13	15
3/22/2018			39 (D)		11		14
3/23/2018				6.6		13	
3/26/2018	9.3	8.7					
10/3/2018	7.8	6.1	41			12	14
10/4/2018				5.4			
10/5/2018					11		
3/27/2019	9.5	7.1	39	6.1	11	13	15
9/12/2019	8.8	6.1	36	5.7	12	13	14
3/19/2020	11	9.7	45	6.7		14	15
3/20/2020					12		
9/10/2020	8.2	5.9					14
9/11/2020			30	5.5	11	12	
4/2/2021	9.2	9	29				
4/5/2021				7	13	13	
4/6/2021							16
8/12/2021	7.2	6	26	6.1		12	14
8/13/2021					11		
2/14/2022	8		26	5.9	11	11	13
2/15/2022		9.6					

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					17.5
4/11/2016	9.7	7.04	6.9	12.8	
6/15/2016	9.5	7.4			
6/16/2016			7.6	14.3	18.4
8/10/2016	8.5	6.7	5.7		
8/11/2016				11	13
10/11/2016	9.3	6.9			
10/13/2016			6.7	13	15
12/2/2016		6.5			
12/5/2016	9		6.4	12	
12/6/2016					15
2/13/2017	9.2	7.9	6.2	13	16
4/7/2017		6.5			
4/10/2017	9.2		6.2		
4/11/2017				13	17
6/22/2017		6.8			
6/23/2017	9.8		6.6		
6/24/2017				13	17
10/10/2017	10	7.3			
10/11/2017			6.9	15	19
3/23/2018		7.5			
3/26/2018	11		7	15	19
10/4/2018	10	6.7	6.4	14	17
3/27/2019			7		
3/28/2019	11	7.2		15	18
9/12/2019	12	7.5	7.1	17	18
3/19/2020	16	7.9	7.1	19	19
9/10/2020	15	7.5			
9/11/2020			7	18	19
4/5/2021			8	21	
4/6/2021	17	7.7			19
8/13/2021	15	7.2	7		17
8/17/2021				22	
2/14/2022	16	6.5		18	16
2/15/2022			6.4		

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	3.034						
4/7/2016			8.05	2.914		1.842	2.285
4/8/2016		2.1			1.57		
6/14/2016	3.1	4.2	9.3	3.1	1.7		2.3
6/17/2016						1.9	
8/9/2016		5	10	3.2	1.5		2.3
8/10/2016	2.7					1.8	
10/10/2016			10	3			
10/11/2016	2.7	3.8			1.6		2.1
10/14/2016						1.7	
12/2/2016	2.5		10	3			2
12/5/2016		3.6			1.5		
12/19/2016						2.7 (O)	
2/9/2017			9.4				2.1
2/10/2017	3.4	2.2		2.7	1.5		
2/13/2017						1.8	
4/7/2017		2.2	9.9	2.9	1.4	1.7	2
4/10/2017	3.6						
6/22/2017			9.7		1.4	1.7	2
6/23/2017	3.2			3.3			
6/26/2017		3.4					
10/9/2017	3.5	3.4					
10/10/2017			9.8	3.5	1.4	1.6	2
3/22/2018			9.7 (D)		1.3		1.9
3/23/2018				3.6		1.6	
3/26/2018	3.8	1.9 (D)					
10/3/2018	4	2.9	10			1.6	2
10/4/2018				3.9			
10/5/2018					1.4		
3/27/2019	2.9	2	9.6	3.7	1.2	1.5	1.9
9/12/2019	3.4	2.5	10	4.3	1.4	1.7	1.9
3/19/2020	3.9	2.2	9.9	4.5		1.9	2.2
3/20/2020					1.7		
9/10/2020	3.7	2.5					2.1
9/11/2020			12	4.7	1.6	1.8	
4/2/2021	3.7	1.8	13				
4/5/2021				5.3	1.8	2	
4/6/2021							2.1
8/12/2021	4.1	2.7	13	5.5		1.8	2.2
8/13/2021					1.8		
2/14/2022	4		10	5	1.5	1.8	2
2/15/2022		1.8					

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					10.065
4/11/2016	1.57 (O)	2.09	2.09 (O)	<0.25 (O)	
6/15/2016	3.9	2.1			
6/16/2016			6.3	7.4	9.4
8/10/2016	4	2	6.9		
8/11/2016				8.3	10
10/11/2016	3.7	1.9			
10/13/2016			6.5	7.8	9.9
12/2/2016		1.9			
12/5/2016	3.6		6.6	8.1	
12/6/2016					10
2/13/2017	3.4	1.9	6.7	8	10
4/7/2017		2			
4/10/2017	3.5		6.7		
4/11/2017				7.6	10
6/22/2017		1.9			
6/23/2017	3.4		6.6		
6/24/2017				8.3	10
10/10/2017	3.3	1.9			
10/11/2017			6.5	7.9	10
3/23/2018		1.9			
3/26/2018	3.1		6.6	7.8	11
10/4/2018	3.1	1.9	6.9	8.1	12
3/27/2019			7		
3/28/2019	2.8	1.8		7.5	12
9/12/2019	3	1.8	6.8	7.7	11
3/19/2020	3.4	2.1	7.3	8.2	13
9/10/2020	3.3	2.1			
9/11/2020			7.7	7.9	12
4/5/2021			7.8	8.2	
4/6/2021	3.3	1.9			13
8/13/2021	3.7	2.1	8		13
8/17/2021				8.3	
2/14/2022	3.8	1.9		7.6	12
2/15/2022			7.6		

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.002	0.0036 (J)	0.0064		
12/21/2010						0.0094	0.0073
12/22/2010	0.0052	0.0029 (J)					
2/1/2011				0.0037 (J)	0.015		
2/14/2011	0.0057	0.0027 (J)	<0.002			0.028	0.0051
3/21/2011			<0.002	0.004 (J)			0.0067
3/22/2011	0.0055	0.0049 (J)					
3/23/2011					0.0084	0.0042 (J)	
4/26/2011	0.0069	0.0048 (J)	<0.002	0.0037 (J)			0.0065
4/27/2011					0.011	<0.002	
10/25/2011						0.0062	
10/26/2011			<0.002		0.0061		0.0068
10/27/2011	0.011	0.0023 (J)		0.0047 (J)			
5/1/2012	0.0056	0.0051	<0.002		0.0072	0.011	
5/2/2012				0.005 (J)			0.011
11/8/2012	<0.002	0.0034 (J)	<0.002	0.0081	0.015	0.0089	0.0052
5/7/2013	0.0036 (J)	0.0078		0.0035 (J)	0.044	0.019	
5/8/2013			<0.002				0.0059
11/4/2013	0.0032 (J)	0.0055 (J)	<0.002	0.0056 (J)			
11/5/2013					0.023	0.0057 (J)	0.0044 (J)
5/23/2014					0.022	0.0084 (J)	0.0087 (J)
5/24/2014	0.0043 (J)	0.0075 (J)	<0.002	0.005 (J)			
11/7/2014			<0.002	0.004 (J)	0.013	0.011	0.0048 (J)
11/8/2014	<0.002	0.0048 (J)					
5/20/2015			0.0025 (O)	0.0062 (J)			
5/21/2015	0.002 (J)	0.0082 (J)			0.029	0.013	0.006 (J)
11/12/2015					0.045	0.015	0.007 (J)
11/13/2015	<0.002	0.0079 (J)	0.0042 (O)	0.0067 (J)			
4/6/2016	0.00278 (J)						
4/7/2016			<0.002	0.00467 (J)		0.00498 (J)	0.0056 (J)
4/8/2016		<0.002			<0.002		
6/14/2016	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002
6/17/2016						<0.002	
8/9/2016		0.0079	<0.002	0.0041	0.008		0.0053
8/10/2016	0.0019 (J)					0.0047	
10/10/2016			<0.002	0.0041			
10/11/2016	0.0024 (J)	0.0069			0.0079		0.0058
10/14/2016						0.0056	
12/2/2016	0.0023 (J)		<0.002	0.0039			0.0071
12/5/2016		0.0077			0.0057		
12/19/2016						0.0039	
2/9/2017			<0.002				0.0051
2/10/2017	0.0021 (J)	0.0098		0.0044	0.0062		
2/13/2017						0.0059	
4/7/2017		0.0081	<0.002	0.0046	0.0072	0.0051	0.006
4/10/2017	0.002 (J)						
6/22/2017			<0.002		0.0074	0.005	0.0056
6/23/2017	0.0018 (J)			0.005			
6/26/2017		0.0084					
10/9/2017	0.0016 (J)	0.0082					
10/10/2017			<0.002	0.0088	0.0072	0.005	0.0073
3/22/2018			<0.002 (D)		0.0074		0.0051

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				0.0045		0.005	
3/26/2018	0.0011 (J)	0.0088					
10/3/2018	0.0014 (J)	0.0086	<0.002			0.0051	0.0052
10/4/2018				0.0047			
10/5/2018					0.0083		
3/27/2019	0.003	0.0078	<0.002	0.0048	0.0081	0.0051	0.0056
9/12/2019	0.0047	0.0092	<0.002	0.0051	0.0088	0.0085	0.0075
3/19/2020	0.0026	0.011	<0.002	0.0043		0.0063	0.0055
3/20/2020					0.0085		
9/10/2020	0.0019 (J)	0.0077					0.0063
9/11/2020			<0.002	0.0042	0.0081	0.0053	
4/2/2021	0.0029	0.01	<0.002				
4/5/2021				0.0041	0.0084	0.0061	
4/6/2021							0.0055
8/12/2021	0.0016 (J)	0.008	<0.002	0.0045		0.0058	0.0096
8/13/2021					0.0082		
2/14/2022	0.0026		<0.002	0.0047	0.0086	0.0058	0.0076
2/15/2022		0.013					

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				0.01	
12/22/2010	0.0026 (J)	0.0034 (J)	0.0036 (J)		
2/14/2011					<0.002
2/15/2011	<0.002	0.0034 (J)	0.0038 (J)	0.0087	
3/21/2011				0.0083	<0.002
3/22/2011	<0.002	0.0037 (J)	0.0022 (J)		
4/27/2011	<0.002	0.0038 (J)	0.0042 (J)		<0.002
4/28/2011				0.0076	
10/26/2011	<0.002	0.0039 (J)	0.0042 (J)	0.0078	0.0033 (J)
5/1/2012				0.0049 (J)	0.0025 (J)
5/2/2012	<0.002	0.0044 (J)	0.0037 (J)		
11/8/2012	<0.002	0.0026 (J)	<0.002		
11/9/2012				0.0066	<0.002
5/8/2013	<0.002	0.0038 (J)	0.0032 (J)	0.0082	<0.002
11/4/2013	0.0027 (J)	0.0063 (J)	0.0063 (J)	0.013	0.0035 (J)
5/24/2014	0.0027 (J)	0.0061 (J)	0.003 (J)	0.012	0.0027 (J)
11/7/2014	<0.002		<0.002	0.0084 (J)	<0.002
11/8/2014		<0.002			
5/20/2015					0.0021 (J)
5/22/2015	0.0034 (J)	0.0037 (J)	0.0023 (J)	0.0096 (J)	
11/13/2015	0.0038 (J)	0.0055 (J)	0.0042 (J)	0.011	0.0041 (J)
4/8/2016					<0.002
4/11/2016	<0.002	0.00479 (J)	0.00309 (J)	0.0101	
6/15/2016	<0.002	<0.002			
6/16/2016			<0.002	<0.002	<0.002
8/10/2016	0.0014 (J)	0.0047	0.0023 (J)		
8/11/2016				0.0097	0.0013 (J)
10/11/2016	0.0017 (J)	0.0048			
10/13/2016			0.0028	0.012	0.0018 (J)
12/2/2016		0.0043			
12/5/2016	0.0014 (J)		0.0032	0.012	
12/6/2016					0.0014 (J)
2/13/2017	0.0016 (J)	0.0047	0.0021 (J)	0.011	0.0021 (J)
4/7/2017		0.0044			
4/10/2017	0.0014 (J)		0.0022 (J)		
4/11/2017				0.011	0.0012 (J)
6/22/2017		0.0045			
6/23/2017	0.0014 (J)		0.0025		
6/24/2017				0.0095	0.0017 (J)
10/10/2017	0.0039	0.005			
10/11/2017			0.0027	0.0096	0.0013 (J)
3/23/2018		0.0042			
3/26/2018	0.0013 (J)		0.0028	0.012	0.0014 (J)
10/4/2018	0.0014 (J)	0.005	0.0041	0.016	<0.002
3/27/2019			0.0044		
3/28/2019	0.0012 (J)	0.0043		0.019	<0.002
9/12/2019	0.0021 (J)	0.006	0.0043	0.027	0.002 (J)
3/19/2020	<0.002	0.0047	0.0032	0.029	<0.002
9/10/2020	<0.002	0.0047			
9/11/2020			0.0041	0.028	0.0023
4/5/2021			0.0054	0.031	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.002	0.0044			<0.002
8/13/2021	<0.002	0.0089	0.0087		0.0019 (J)
8/17/2021				0.034	
2/14/2022	<0.002	0.0046		0.036	0.0018 (J)
2/15/2022			0.0054		

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.012	<0.0025	0.0033 (O)		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	0.0038 (O)					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	0.0093 (J)			<0.0025	<0.0025
3/21/2011			0.0076 (J)	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	0.0058 (J)	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			0.005 (J)		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	0.0032 (J)		<0.0025	0.0039 (O)	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	0.0034 (J)	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					0.0048 (O)	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	6.6E-05 (J)	0.00042 (J)	0.0031 (J)	3.8E-05 (J)	4.2E-05 (J)		<0.0025
6/17/2016						0.00017 (J)	
8/9/2016		0.00068 (J)	0.0023 (J)	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			0.0024 (J)	<0.0025			
10/11/2016	0.00047 (J)	<0.0025			0.00052 (J)		<0.0025
10/14/2016						<0.0025	
12/2/2016	0.0014 (J)		0.0021 (J)	<0.0025			0.0004 (J)
12/5/2016		0.0012 (J)			<0.0025		
12/19/2016						<0.0025	
2/9/2017			0.00096 (J)				<0.0025
2/10/2017	0.00052 (J)	0.0013 (J)		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	0.0034	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			0.0029		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		0.00073 (J)					
10/9/2017	0.00053 (J)	<0.0025					
10/10/2017			0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			0.0015 (JD)		<0.0025		<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	0.00088 (J)	<0.0025 (D)					
10/3/2018	0.0014 (J)	<0.0025	0.0018 (J)			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	0.00083 (J)	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	0.0004 (J)	<0.0025	0.0018 (J)	9.5E-05 (J)	0.00011 (J)	<0.0025	0.00017 (J)
3/19/2020	0.00015 (J)	<0.0025	0.0005 (J)	0.00025 (J)		0.00029 (J)	<0.0025
3/20/2020					<0.0025		
9/10/2020	0.00019 (J)	0.00014 (J)					0.0002 (J)
9/11/2020			0.0035	<0.0025	<0.0025	<0.0025	
4/2/2021	0.00016 (J)	0.00026 (J)	0.002 (J)				
4/5/2021				<0.0025	0.00017 (J)	0.00019 (J)	
4/6/2021							<0.0025
8/12/2021	0.00028 (J)	0.00015 (J)	0.0024 (J)	<0.0025		<0.0025	0.00072 (J)
8/13/2021					<0.0025		
2/14/2022	<0.0025		0.00059 (J)	<0.0025	<0.0025	<0.0025	0.00039 (J)
2/15/2022		0.00054 (J)					

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.0051 (J)
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					0.0038 (J)
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	0.0037 (J)
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	0.0046 (J)
5/1/2012				<0.0025	0.0043 (J)
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	0.007 (J)
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	0.0047 (J)
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	0.0096 (J)
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	0.0097 (J)
11/7/2014	<0.0025		<0.0025	<0.0025	0.012
11/8/2014		<0.0025			
5/20/2015					0.011
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	0.013
4/8/2016					<0.0025
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	<0.0025			
6/16/2016			<0.0025	<0.0025	0.0062 (J)
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	0.0092
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	0.0045
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					0.0043
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	0.011
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	0.012
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	0.011
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	0.016
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	0.0069
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	0.016
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	0.011
9/12/2019	<0.0025	<0.0025	0.00012 (J)	<0.0025	0.011
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	0.0083
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	0.002 (J)
4/5/2021			0.0002 (J)	<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			0.0062
8/13/2021	0.00015 (J)	0.00074 (J)	0.00059 (J)		0.015
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	0.011
2/15/2022			<0.0025		

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.0021 (J)	<0.002	0.0065 (J)		
12/21/2010						0.0084 (J)	<0.002
12/22/2010	<0.002	<0.002					
2/1/2011				<0.002	0.018		
2/14/2011	<0.002	<0.002	<0.002			0.013 (O)	<0.002
3/21/2011			<0.002	<0.002			<0.002
3/22/2011	<0.002	<0.002					
3/23/2011					0.022	0.0061 (J)	
4/26/2011	<0.002	<0.002	<0.002	<0.002			<0.002
4/27/2011					0.02	<0.002	
10/25/2011						<0.002	
10/26/2011			<0.002		0.0025 (J)		<0.002
10/27/2011	<0.002	<0.002		<0.002			
5/1/2012	<0.002	<0.002	<0.002		0.0022 (J)	0.0027 (J)	
5/2/2012				<0.002			<0.002
11/8/2012	<0.002	<0.002	0.0034 (J)	0.021 (O)	0.015	<0.002	<0.002
5/7/2013	<0.002	<0.002		<0.002	0.02	0.0039 (J)	
5/8/2013			<0.002				<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002			
11/5/2013					0.014	<0.002	<0.002
5/23/2014					0.06 (O)	0.0029 (J)	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002			
11/7/2014			0.002 (J)	<0.002	0.0032 (J)	<0.002	<0.002
11/8/2014	<0.002	<0.002					
5/20/2015			0.0024 (J)	<0.002			
5/21/2015	0.0028 (O)	0.003 (J)			0.017 (JV)	0.0031 (J)	<0.002
11/12/2015					0.01 (J)	<0.002	<0.002
11/13/2015	<0.002	0.078 (O)	<0.002	<0.002			
4/6/2016	<0.002						
4/7/2016			<0.002	<0.002		<0.002	<0.002
4/8/2016		<0.002			<0.002		
10/10/2016			<0.002	<0.002			
10/11/2016	<0.002	<0.002			0.0051		<0.002
10/14/2016						0.0024 (J)	
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002						
10/9/2017	<0.002	<0.002					
10/10/2017			<0.002	<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002 (D)		<0.002		<0.002
3/23/2018				<0.002		<0.002	
3/26/2018	<0.002	<0.002 (D)					
10/3/2018	<0.002	<0.002	<0.002			<0.002	<0.002
10/4/2018				<0.002			
10/5/2018					<0.002		
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	0.00083 (J)	<0.002
3/19/2020	<0.002	<0.002	0.00072 (J)	<0.002		0.0022	<0.002
3/20/2020					0.0011 (J)		
9/10/2020	0.0023	<0.002					<0.002
9/11/2020			0.002	<0.002	<0.002	<0.002	
4/2/2021	<0.002	<0.002	<0.002				
4/5/2021				<0.002	0.0019 (J)	0.00093 (J)	

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.002
8/12/2021	0.00066 (J)	<0.002	<0.002	<0.002		<0.002	0.0031
8/13/2021					<0.002		
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002	0.0014 (J)
2/15/2022		0.0015 (J)					

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.002	
12/22/2010	<0.002	<0.002	<0.002		
2/14/2011					<0.002
2/15/2011	<0.002	<0.002	<0.002	<0.002	
3/21/2011				<0.002	<0.002
3/22/2011	<0.002	<0.002	<0.002		
4/27/2011	<0.002	<0.002	<0.002		<0.002
4/28/2011				<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012				<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002		
11/9/2012				<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002		<0.002	<0.002	<0.002
11/8/2014		<0.002			
5/20/2015					<0.002
5/22/2015	0.0031 (O)	0.0031 (O)	<0.002	<0.002	
11/13/2015	<0.002	<0.002	<0.002	<0.002	<0.002
4/8/2016					<0.002
4/11/2016	<0.002	<0.002	<0.002	<0.002	
10/11/2016	<0.002	<0.002			
10/13/2016			<0.002	<0.002	<0.002
4/7/2017		<0.002			
4/10/2017	<0.002		<0.002		
4/11/2017				<0.002	<0.002
10/10/2017	<0.002	<0.002			
10/11/2017			<0.002	<0.002	<0.002
3/23/2018		<0.002			
3/26/2018	<0.002		<0.002	<0.002	<0.002
10/4/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019			<0.002		
3/28/2019	<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002			
9/11/2020			0.0013 (J)	<0.002	<0.002
4/5/2021			<0.002	<0.002	
4/6/2021	<0.002	<0.002			<0.002
8/13/2021	<0.002	0.0046	0.0025		<0.002
8/17/2021				<0.002	
2/14/2022	<0.002	0.0013 (J)		<0.002	<0.002
2/15/2022			<0.002		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	0.035 (J)						
4/7/2016			0.035 (J)	0.024 (J)		0.044 (J)	0.041 (J)
4/8/2016		<0.1			<0.1		
6/14/2016	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1
6/17/2016						<0.1	
8/9/2016		<0.1	<0.1	<0.1	<0.1		<0.1
8/10/2016	<0.1					<0.1	
10/10/2016			<0.1	<0.1			
10/11/2016	<0.1	<0.1			<0.1		<0.1
10/14/2016						<0.1	
12/2/2016	<0.1		<0.1	<0.1			<0.1
12/5/2016		<0.1			<0.1		
12/19/2016						0.1 (J)	
2/9/2017			<0.1				<0.1
2/10/2017	<0.1	<0.1		<0.1	<0.1		
2/13/2017						<0.1	
4/7/2017		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4/10/2017	<0.1						
6/22/2017			<0.1		<0.1	<0.1	<0.1
6/23/2017	<0.1			<0.1			
6/26/2017		<0.1					
10/9/2017	<0.1	<0.1					
10/10/2017			<0.1	<0.1	<0.1	<0.1	<0.1
3/22/2018			<0.1 (D)		<0.1		<0.1
3/23/2018				<0.1		<0.1	
3/26/2018	<0.1	<0.1 (D)					
10/3/2018	<0.1	<0.1	<0.1			<0.1	<0.1
10/4/2018				<0.1			
10/5/2018					<0.1		
3/27/2019	0.035 (J)	0.036 (J)	<0.1	0.033 (J)	0.041 (J)	0.04 (J)	0.037 (J)
9/12/2019	0.04 (J)	0.043 (J)	0.026 (J)	<0.1	0.041 (J)	0.044 (J)	0.042 (J)
3/19/2020	0.059 (J)	0.054 (J)	0.041 (J)	<0.1		0.049 (J)	0.044 (J)
3/20/2020					<0.1		
9/10/2020	0.044 (J)	0.034 (J)					0.036 (J)
9/11/2020			<0.1	<0.1	0.034 (J)	0.035 (J)	
4/2/2021	0.028 (J)	0.032 (J)	<0.1				
4/5/2021				0.039 (J)	0.038 (J)	0.031 (J)	
4/6/2021							0.03 (J)
8/12/2021	0.04 (J)	0.028 (J)	<0.1	0.11		0.052 (J)	0.058 (J)
8/13/2021					0.09 (J)		
2/14/2022	0.058 (J)		0.052 (J)	0.05 (J)	0.068 (J)	0.056 (J)	0.07 (J)
2/15/2022		0.088 (J)					

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					<0.1
4/11/2016	0.033 (J)	0.027 (J)	0.027 (J)	<0.1	
6/15/2016	<0.1	<0.1			
6/16/2016			<0.1	<0.1	<0.1
8/10/2016	<0.1	<0.1	<0.1		
8/11/2016				<0.1	<0.1
10/11/2016	<0.1	<0.1			
10/13/2016			<0.1	<0.1	<0.1
12/2/2016		<0.1			
12/5/2016	<0.1		<0.1	<0.1	
12/6/2016					<0.1
2/13/2017	<0.1	<0.1	<0.1	<0.1	<0.1
4/7/2017		<0.1			
4/10/2017	<0.1		<0.1		
4/11/2017				<0.1	<0.1
6/22/2017		<0.1			
6/23/2017	<0.1		<0.1		
6/24/2017				<0.1	<0.1
10/10/2017	<0.1	<0.1			
10/11/2017			<0.1	<0.1	<0.1
3/23/2018		<0.1			
3/26/2018	<0.1		<0.1	<0.1	<0.1
10/4/2018	<0.1	<0.1	<0.1	<0.1	<0.1
3/27/2019			<0.1		
3/28/2019	0.033 (J)	0.042 (J)		0.039 (J)	<0.1
9/12/2019	0.042 (J)	0.028 (J)	0.028 (J)	0.042 (J)	<0.1
3/19/2020	0.042 (J)	0.039 (J)	0.037 (J)	0.053 (J)	<0.1
9/10/2020	0.04 (J)	<0.1			
9/11/2020			0.049 (J)	0.041 (J)	<0.1
4/5/2021			<0.1	0.05 (J)	
4/6/2021	0.031 (J)	<0.1			<0.1
8/13/2021	0.065 (J)	0.048 (J)	0.043 (J)		0.034 (J)
8/17/2021				0.094 (J)	
2/14/2022	0.074 (J)	0.057 (J)		0.055 (J)	0.041 (J)
2/15/2022			0.06 (J)		

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	0.0027 (J)		
2/14/2011	0.0028 (J)	<0.001	0.0024 (J)			0.0029 (J)	0.0032 (J)
3/21/2011			<0.001	<0.001			0.0038 (J)
3/22/2011	0.0021 (J)	<0.001					
3/23/2011					0.0041 (J)	0.0028 (J)	
4/26/2011	0.003 (J)	0.0025 (J)	0.0027 (J)	0.0024 (J)			0.0046 (J)
4/27/2011					0.0054	0.0038 (J)	
10/25/2011						0.0043 (J)	
10/26/2011			0.0026 (J)		<0.001		0.0024 (J)
10/27/2011	0.0028 (J)	0.0033 (J)		0.0025 (J)			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	0.0023 (J)	0.003 (J)	0.0022 (J)	<0.001	0.0021 (J)
5/7/2013	0.0044 (J)	0.0048 (J)		0.0029 (J)	0.0062	0.0064	
5/8/2013			0.0026 (J)				0.006
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	0.0023 (J)
5/23/2014					0.0026 (J)	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	0.0022 (J)	0.0026 (J)	<0.001
11/8/2014	<0.001	0.0021 (J)					
5/20/2015			0.005 (J)	0.0037 (J)			
5/21/2015	0.0032 (J)	0.002 (J)			0.0049 (J)	0.0038 (J)	0.0062 (J)
11/12/2015					<0.001	0.0021 (J)	0.0035 (J)
11/13/2015	<0.001	<0.001	0.0031 (J)	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		0.00096 (J)		<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00019 (J)	<0.001		0.0002 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	0.0022	<0.001					<0.001
9/11/2020			0.0016	<0.001	<0.001	<0.001	
4/2/2021	<0.001	0.00018 (J)	<0.001				
4/5/2021				<0.001	<0.001	<0.001	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		0.00025 (J)					

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	0.0021 (J)	0.0028 (J)	0.0032 (J)	0.0034 (J)	
3/21/2011				0.004 (J)	<0.001
3/22/2011	0.0027 (J)	0.0022 (J)	0.0024 (J)		
4/27/2011	0.0024 (J)	0.0033 (J)	0.0033 (J)		<0.001
4/28/2011				0.0036 (J)	
10/26/2011	0.0021 (J)	0.0028 (J)	0.0023 (J)	0.0038 (J)	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	0.0035 (J)	0.0043 (J)	0.0035 (J)	0.0059	<0.001
11/4/2013	<0.001	<0.001	<0.001	0.0027 (J)	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					0.0026 (O)
5/22/2015	0.0038 (J)	0.0042 (J)	0.0035 (J)	0.006 (J)	
11/13/2015	<0.001	<0.001	<0.001	0.0024 (J)	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			0.00041 (J)	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	0.0034 (o)	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			0.0015	<0.001	<0.001
4/5/2021			<0.001	<0.001	

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	0.00054 (J)	0.00022 (J)		0.00017 (J)
8/17/2021				<0.001	
2/14/2022	<0.001	0.00019 (J)		<0.001	<0.001
2/15/2022			<0.001		

Time Series

Constituent: Mercury, T Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0002	<0.0002	<0.0002		
12/21/2010						<0.0002	<0.0002
12/22/2010	<0.0002	<0.0002					
2/1/2011				<0.0002	<0.0002		
2/14/2011	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002
3/21/2011			<0.0002	<0.0002			<0.0002
3/22/2011	<0.0002	<0.0002					
3/23/2011					<0.0002	<0.0002	
4/26/2011	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
4/27/2011					<0.0002	<0.0002	
10/25/2011						<0.0002	
10/26/2011			<0.0002		<0.0002		<0.0002
10/27/2011	<0.0002	<0.0002		<0.0002			
5/1/2012	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	
5/2/2012				<0.0002			<0.0002
11/8/2012	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/7/2013	<0.0002	<0.0002		0.00011 (J)	8.1E-05 (J)	8.4E-05 (J)	
5/8/2013			<0.0002				<0.0002
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002			
11/5/2013					<0.0002	<0.0002	<0.0002
5/23/2014					<0.0002	<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002			
11/7/2014			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/8/2014	<0.0002	<0.0002					
5/20/2015			<0.0002	<0.0002			
5/21/2015	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002
11/12/2015					<0.0002	<0.0002	<0.0002
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002			
4/6/2016	<0.0002						
4/7/2016			<0.0002	<0.0002		<0.0002	<0.0002
4/8/2016		<0.0002			<0.0002		
6/14/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
6/17/2016						<0.0002	
8/9/2016		<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
8/10/2016	<0.0002					<0.0002	
10/10/2016			<0.0002	<0.0002			
10/11/2016	<0.0002	<0.0002			<0.0002		<0.0002
10/14/2016						<0.0002	
12/2/2016	<0.0002		<0.0002	<0.0002			<0.0002
12/5/2016		<0.0002			<0.0002		
12/19/2016						<0.0002	
2/9/2017			<0.0002				<0.0002
2/10/2017	<0.0002	<0.0002		<0.0002	<0.0002		
2/13/2017						<0.0002	
4/7/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/10/2017	<0.0002						
6/22/2017			<0.0002		<0.0002	<0.0002	<0.0002
6/23/2017	<0.0002			<0.0002			
6/26/2017		<0.0002					
10/9/2017	8.7E-05 (J)	8.7E-05 (J)					
10/10/2017			8.9E-05 (J)	8.8E-05 (J)	9.2E-05 (J)	9.2E-05 (J)	8.8E-05 (J)
3/22/2018			<0.0002 (D)		<0.0002		<0.0002

Time Series

Constituent: Mercury, T Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0002		<0.0002	
3/26/2018	<0.0002 (X)	<0.0002 (D)					
10/3/2018	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)			<0.0002 (X)	<0.0002 (X)
10/4/2018				<0.0002			
10/5/2018					<0.0002		
3/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
3/20/2020					<0.0002		
9/10/2020	<0.0002	<0.0002					<0.0002
9/11/2020			<0.0002	<0.0002	<0.0002	<0.0002	
4/2/2021	<0.0002	<0.0002	<0.0002				
4/5/2021				<0.0002	<0.0002	<0.0002	
4/6/2021							<0.0002
8/12/2021	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
8/13/2021					<0.0002		
2/14/2022	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/15/2022		<0.0002					

Time Series

Constituent: Mercury, T Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0002
12/21/2010				<0.0002	
12/22/2010	<0.0002	<0.0002	<0.0002		
2/14/2011					<0.0002
2/15/2011	<0.0002	<0.0002	<0.0002	<0.0002	
3/21/2011				<0.0002	<0.0002
3/22/2011	<0.0002	<0.0002	<0.0002		
4/27/2011	<0.0002	<0.0002	<0.0002		<0.0002
4/28/2011				<0.0002	
10/26/2011	<0.0002	<0.0002	<0.0002	8.2E-05	<0.0002
5/1/2012				<0.0002	<0.0002
5/2/2012	<0.0002	<0.0002	<0.0002		
11/8/2012	<0.0002	<0.0002	<0.0002		
11/9/2012				<0.0002	<0.0002
5/8/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/7/2014	<0.0002		<0.0002	<0.0002	<0.0002
11/8/2014		<0.0002			
5/20/2015					<0.0002
5/22/2015	<0.0002	<0.0002	<0.0002	<0.0002	
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/8/2016					<0.0002
4/11/2016	<0.0002	<0.0002	<0.0002	<0.0002	
6/15/2016	<0.0002	<0.0002			
6/16/2016			<0.0002	<0.0002	<0.0002
8/10/2016	<0.0002	<0.0002	<0.0002		
8/11/2016				<0.0002	<0.0002
10/11/2016	<0.0002	<0.0002			
10/13/2016			<0.0002	<0.0002	<0.0002
12/2/2016		<0.0002			
12/5/2016	<0.0002		<0.0002	<0.0002	
12/6/2016					<0.0002
2/13/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/7/2017		<0.0002			
4/10/2017	<0.0002		<0.0002		
4/11/2017				<0.0002	<0.0002
6/22/2017		<0.0002			
6/23/2017	<0.0002		<0.0002		
6/24/2017				<0.0002	<0.0002
10/10/2017	9.1E-05 (J)	8.9E-05 (J)			
10/11/2017			<0.0002	<0.0002	<0.0002
3/23/2018		<0.0002 (X)			
3/26/2018	<0.0002		<0.0002	<0.0002	<0.0002 (X)
10/4/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/27/2019			<0.0002		
3/28/2019	<0.0002	<0.0002		<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2020	<0.0002	<0.0002			
9/11/2020			<0.0002	<0.0002	<0.0002
4/5/2021			<0.0002	<0.0002	

Time Series

Constituent: Mercury, T Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0002	<0.0002			<0.0002
8/13/2021	<0.0002	<0.0002	<0.0002		<0.0002
8/17/2021				<0.0002	
2/14/2022	<0.0002	<0.0002		<0.0002	<0.0002
2/15/2022			<0.0002		

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						0.0052	<0.001
12/22/2010	<0.001	0.003 (O)					
2/1/2011				<0.001	0.0072		
2/14/2011	<0.001	<0.001	<0.001			0.016	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	0.0035 (J)	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	0.0035 (O)	0.0066	0.0046 (J)	<0.001
5/7/2013	<0.001	<0.001		<0.001	0.022	0.0087	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					0.0093	0.0036 (J)	<0.001
5/23/2014					0.0045 (J)	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	0.0049 (J)	0.0064	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			0.012	0.0045 (J)	<0.001
11/12/2015					0.019	0.0036 (J)	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
10/9/2017	0.0024 (O)	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	0.00097 (J)	<0.001	0.00061 (J)	0.0004 (J)	<0.001	<0.001	0.00043 (J)
3/19/2020	0.00037 (J)	<0.001	0.00074 (J)	<0.001		0.0004 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	0.00095 (J)	<0.001					0.00062 (J)
9/11/2020			0.001	<0.001	<0.001	<0.001	
4/2/2021	0.00046 (J)	0.00049 (J)	0.00077 (J)				
4/5/2021				<0.001	<0.001	0.00034 (J)	

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.001
8/12/2021	0.0011	0.00042 (J)	0.00092 (J)	<0.001		<0.001	0.0019
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	0.00088 (J)
2/15/2022		0.0014					

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.006
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					0.0067
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	0.0066
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		0.0077
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	0.0063
5/1/2012				<0.001	0.0068
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	0.0067
5/8/2013	<0.001	<0.001	<0.001	<0.001	0.0066
11/4/2013	<0.001	<0.001	<0.001	<0.001	0.0072
5/24/2014	<0.001	<0.001	<0.001	<0.001	0.0053
11/7/2014	<0.001		<0.001	<0.001	0.0052
11/8/2014		<0.001			
5/20/2015					0.0067
5/22/2015	0.0032 (J)	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	0.0063
4/8/2016					<0.001
4/11/2016	0.00388 (J)	<0.001	<0.001	<0.001	
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	0.0042		<0.001		
4/11/2017				<0.001	0.0075
10/10/2017	0.0037	<0.001			
10/11/2017			0.0018 (J)	<0.001	0.0072
3/23/2018		<0.001			
3/26/2018	0.0037		0.0021 (J)	<0.001	0.0075
10/4/2018	0.0037	<0.001	0.0024 (J)	<0.001	0.0073
3/27/2019			0.0024 (J)		
3/28/2019	0.0038	<0.001		<0.001	0.0069
9/12/2019	0.0035	0.0012	0.0019	<0.001	0.007
3/19/2020	0.0039	0.0015	0.0021	<0.001	0.007
9/10/2020	0.0035	0.0017			
9/11/2020			0.002	<0.001	0.0074
4/5/2021			0.002	<0.001	
4/6/2021	0.0042	0.0019			0.0072
8/13/2021	0.0037	0.0036	0.0034		0.0073
8/17/2021				<0.001	
2/14/2022	0.0034	0.0026		<0.001	0.0071
2/15/2022			0.0024		

Time Series

Constituent: pH (S.U.) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
11/7/2014			6.26	5.92	6.54	6.91	6.99
11/8/2014	5.89	5.92					
5/21/2015		5.97					
11/12/2015					6.43	6.81	7
11/13/2015	5.65	5.8	6.02	5.78			
4/6/2016	5.9 (D)						
4/7/2016			6.48	6.83	6.45 (D)	6.74	6.85
4/8/2016		6.12			6.45		
6/14/2016	5.75	5.84	6.05	5.82	6.4		6.83
6/17/2016						6.78	
8/1/2016				5.78			
8/9/2016		5.75	6.05		6.43		6.77
8/10/2016	5.75					6.73	
10/10/2016			6.02	5.78			
10/11/2016	5.8	5.84			6.34		6.83
10/14/2016						6.7	
12/2/2016	5.78		5.95	5.71			6.79
12/5/2016		5.7			6.46	6.71	
2/9/2017			6.24				6.65
2/10/2017	5.83	6.17		5.79	6.33		
2/13/2017						6.56	
4/7/2017		5.99	5.95	5.93	6.38	6.62	6.75
4/10/2017	5.74						
6/22/2017			6.02		6.45	6.76	6.85
6/23/2017				5.77			
6/26/2017	5.83	5.87					
10/9/2017	5.61	5.52					
10/10/2017			6	5.81	6.44	6.7	6.84
3/22/2018			6.2		6.46		7
3/23/2018				5.89		6.92	
3/26/2018	5.76	6.06					
10/3/2018	5.78	5.83	6.03			6.81	6.93
10/4/2018				5.86			
10/5/2018					6.47		
3/27/2019	5.97	6.04	6.31	5.95	6.52	6.86	6.91
9/12/2019	5.83	5.87		5.83	6.49	6.78	6.82
9/13/2019			5.96				
3/19/2020	5.81	6.14	6.46	5.93	6.39	6.73	6.87
3/20/2020					6.39		
9/10/2020	5.83	5.78					6.91
9/11/2020			5.98	6.02	6.59	6.76	
4/2/2021	6.06	6.03	5.92				
4/5/2021				5.92	6.59	6.78	
4/6/2021							6.87
6/1/2021				5.8	6.46	6.78	
8/12/2021	5.88	5.91	5.92	5.71		6.86	6.86
8/13/2021					6.33		
2/14/2022	5.99		6.31	5.85	6.6	6.93	7.1
2/15/2022		6.4					

Time Series

Constituent: pH (S.U.) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
11/7/2014			5.95	6.75	5.67
11/8/2014		5.94			
5/22/2015	5.8	5.79	5.84	6.65	
5/25/2015			8.36 (o)	7.63 (o)	7.725 (oD)
11/13/2015	5.87	5.92	5.82	6.77	5.52
4/8/2016					5.63
4/11/2016	5.84	5.82	5.88	6.64	
6/15/2016	5.82	5.85			
6/16/2016			5.85	6.6	5.56
8/10/2016	5.82	5.85	5.83		
8/11/2016				6.61	5.56
10/11/2016	5.78	5.76			
10/13/2016			5.84	6.64	5.61
12/2/2016		5.76			
12/5/2016	5.72		5.81	6.63	
12/6/2016					5.48
2/13/2017	5.81	5.8	5.76	6.59	5.57
4/7/2017		5.75			
4/10/2017	5.75		5.78		
4/11/2017				6.53	5.52
6/22/2017		5.83			
6/23/2017	5.78		5.82		
6/26/2017				6.6	5.56
10/10/2017	5.82	5.76			
10/11/2017			5.83	6.61	5.51
3/23/2018		5.98			
3/26/2018	5.91		5.98	6.77	5.78
10/4/2018	5.83	5.85	5.85	6.67	5.56
3/27/2019			5.94		
3/28/2019	5.95	5.71		6.71	5.67
9/12/2019	5.98		5.86	6.68	
9/13/2019		5.78			5.55
3/19/2020	5.97	5.78	5.9	6.64	5.65
9/10/2020	6.09	5.78			
9/11/2020			5.84	6.64	5.69
4/5/2021			5.99	6.68	
4/6/2021	6.3	5.76			5.67
6/2/2021			5.87	6.6	
8/13/2021	6.18	5.86	5.92		5.47
8/17/2021				6.63	
2/14/2022	6.29	5.9		6.79	5.65
2/15/2022			6.02		

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	<0.005	<0.005		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	<0.005					
2/1/2011				<0.005	<0.005		
2/14/2011	<0.005	<0.005	<0.005			<0.005	<0.005
3/21/2011			<0.005	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	<0.005	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.005		<0.005		<0.005
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	<0.005	0.0046	
5/8/2013			0.0048				<0.005
11/4/2013	0.0061 (O)	0.0048	<0.005	<0.005			
11/5/2013					0.0064 (O)	0.0047	<0.005
5/23/2014					<0.005	<0.005	<0.005
5/24/2014	<0.005	<0.005	0.0042	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			0.0093 (O)	<0.005			
5/21/2015	0.0072 (O)	0.0041			<0.005	0.0077 (O)	0.0041
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	<0.005	0.0061 (O)	<0.005			
4/6/2016	<0.005						
4/7/2016			<0.005	<0.005		<0.005	<0.005
4/8/2016		<0.005			<0.005		
6/14/2016	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
6/17/2016						<0.005	
8/9/2016		<0.005	<0.005	<0.005	<0.005		<0.005
8/10/2016	<0.005					<0.005	
10/10/2016			<0.005	<0.005			
10/11/2016	<0.005	<0.005			<0.005		<0.005
10/14/2016						<0.005	
12/2/2016	<0.005		<0.005	<0.005			<0.005
12/5/2016		<0.005			<0.005		
12/19/2016						<0.005	
2/9/2017			<0.005				<0.005
2/10/2017	<0.005	0.0032		<0.005	<0.005		
2/13/2017						<0.005	
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005	0.00092 (J)
4/10/2017	<0.005						
6/22/2017			<0.005		0.0021	<0.005	<0.005
6/23/2017	<0.005			<0.005			
6/26/2017		<0.005					
10/9/2017	<0.005	<0.005					
10/10/2017			0.00033 (J)	<0.005	<0.005	<0.005	<0.005
3/22/2018			<0.005 (D)		<0.005		<0.005

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.005		<0.005	
3/26/2018	<0.005	<0.005 (D)					
10/3/2018	<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
3/20/2020					<0.005		
9/10/2020	<0.005	<0.005					<0.005
9/11/2020			<0.005	<0.005	<0.005	<0.005	
4/2/2021	<0.005	<0.005	<0.005				
4/5/2021				<0.005	<0.005	<0.005	
4/6/2021							<0.005
8/12/2021	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
2/15/2022		<0.005					

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.005
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					<0.005
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	<0.005
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		<0.005
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/1/2012				<0.005	<0.005
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	<0.005
5/8/2013	<0.005	0.0042	<0.005	<0.005	<0.005
11/4/2013	<0.005	<0.005	<0.005	0.0049	<0.005
5/24/2014	0.0044	<0.005	<0.005	<0.005	<0.005
11/7/2014	<0.005		<0.005	<0.005	<0.005
11/8/2014		<0.005			
5/20/2015					<0.005
5/22/2015	<0.005	<0.005	<0.005	0.0067 (O)	
11/13/2015	<0.005	<0.005	<0.005	<0.005	<0.005
4/8/2016					<0.005
4/11/2016	<0.005	<0.005	<0.005	<0.005	
6/15/2016	<0.005	<0.005			
6/16/2016			<0.005	<0.005	<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				0.00036 (J)	<0.005
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	0.00035 (J)	0.00046 (J)
12/2/2016		<0.005			
12/5/2016	<0.005		<0.005	<0.005	
12/6/2016					<0.005
2/13/2017	<0.005	<0.005	<0.005	<0.005	0.0025
4/7/2017		0.0021			
4/10/2017	<0.005		<0.005		
4/11/2017				0.0027	0.00089 (J)
6/22/2017		<0.005			
6/23/2017	<0.005		<0.005		
6/24/2017				<0.005	<0.005
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	<0.005
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	<0.005
10/4/2018	0.00032 (J)	<0.005	<0.005	0.0004 (J)	<0.005
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	<0.005
4/5/2021			<0.005	<0.005	

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.005	<0.005			<0.005
8/13/2021	<0.005	<0.005	<0.005		<0.005
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	<0.005
2/15/2022			<0.005		

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	<0.001	<0.001	<0.001				
4/5/2021				<0.001	<0.001	<0.001	

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			<0.001	<0.001	
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	0.813 (J)						
4/7/2016			107.095	0.594 (J)		1.522	0.507 (J)
4/8/2016		<1			<1		
6/14/2016	<1	<1	160	<1	<1		<1
6/17/2016						1.1	
8/9/2016		<1	130	<1	<1		<1
8/10/2016	0.9 (J)					1.1	
10/10/2016			140	<1			
10/11/2016	0.99 (J)	<1			<1		<1
10/14/2016						0.89 (J)	
12/2/2016	0.99 (J)		150	<1			<1
12/5/2016		<1			<1		
12/19/2016						1.2	
2/9/2017			150				<1
2/10/2017	1.4	<1		<1	<1		
2/13/2017						1.4	
4/7/2017		<1	140	<1	<1	1.2	<1
4/10/2017	1.6						
6/22/2017			160		<1	1.1	<1
6/23/2017	1.8			<1			
6/26/2017		<1					
10/9/2017	2.5	<1					
10/10/2017			160	<1	<1	0.92 (J)	<1
3/22/2018			150 (D)		<1		<1
3/23/2018				<1		1.3	
3/26/2018	2.3	<1 (D)					
10/3/2018	1.9	<1	140			1.2	<1
10/4/2018				<1			
10/5/2018					<1		
3/27/2019	0.81 (J)	<1	140	0.52 (J)	<1	1.6	0.56 (J)
9/12/2019	1.3	0.38 (J)	170	0.61 (J)	0.4 (J)	1.2	0.77 (J)
3/19/2020	0.92 (J)	<1	150	0.39 (J)		1.5	0.56 (J)
3/20/2020					0.58 (J)		
9/10/2020	1.3	<1					0.42 (J)
9/11/2020			170	0.99 (J)	0.39 (J)	1.3	
4/2/2021	0.99 (J)	<1	180				
4/5/2021				<1	<1	1.3	
4/6/2021							<1
8/12/2021	1.8	<1	180	1		1	<1
8/13/2021					<1		
2/14/2022	1		130	<1	<1	1.2	0.85 (J)
2/15/2022		0.87 (J)					

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					135.355
4/11/2016	2.15	<1	0.415 (J)	<1	
6/15/2016	<1	<1			
6/16/2016			<1	10	140
8/10/2016	2.5	<1	<1		
8/11/2016				9.8	130
10/11/2016	2.7	<1			
10/13/2016			<1	11	140
12/2/2016		<1			
12/5/2016	2.6		<1	13	
12/6/2016					150
2/13/2017	2.4	<1	<1	14	160
4/7/2017		<1			
4/10/2017	2.3		<1		
4/11/2017				12	130
6/22/2017		<1			
6/23/2017	2.5		<1		
6/24/2017				12	160
10/10/2017	2.5	<1			
10/11/2017			<1	13	160
3/23/2018		<1			
3/26/2018	2.4		<1	20	160
10/4/2018	2.8	<1	<1	23	170
3/27/2019			2.7		
3/28/2019	3.2	0.38 (J)		29	170
9/12/2019	3.2	<1	0.65 (J)	34	170
3/19/2020	3.2	<1	0.71 (J)	40	170
9/10/2020	2.7	<1			
9/11/2020			2.6	39	160
4/5/2021			1.7	57	
4/6/2021	2.5	<1			160
8/13/2021	2.7	<1	1.4		170
8/17/2021				54	
2/14/2022	2.9	<1		56	150
2/15/2022			1.8		

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.00026 (J)	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	0.00025 (J)	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			0.00032	<0.001	<0.001	<0.001	<0.001
11/8/2014	0.00048	0.00086					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00036 (J)	<0.001		0.00018 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	0.00016 (J)	0.00036 (J)	<0.001				
4/5/2021				<0.001	<0.001	0.00043 (J)	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	0.00028	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			0.00022 (J)	<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	51						
4/7/2016			237	69		100	114
4/8/2016		74			89		
6/14/2016	62	111	240	<25	55		56 (O)
6/17/2016						69	
8/9/2016		44	230	40	90		100
8/10/2016	70					110	
10/10/2016			240	34			
10/11/2016	84	64			86		110
10/14/2016						100	
12/2/2016	74		270	50			94
12/5/2016		52			74		
12/19/2016						100	
2/9/2017			240				100
2/10/2017	100	86		60	100		
2/13/2017						80	
4/7/2017		68	260	70	92	86	100
4/10/2017	82						
6/22/2017			300		64	72	110
6/23/2017	72			42			
6/26/2017		76					
10/9/2017	82	50					
10/10/2017			280	34	68	70	100
3/22/2018			310		92		100
3/23/2018				52		86	
3/26/2018	94	56					
10/3/2018	72	42	190			88	96
10/4/2018				48			
10/5/2018					90		
3/27/2019	98	76	290	66	94	100	120
9/12/2019	130	72	340	97	88	110	120
3/19/2020	100	65	310	51		97	110
3/20/2020					99		
9/10/2020	110	56					130
9/11/2020			340	51	110	120	
4/2/2021	100	69	360				
4/5/2021				46	63	99	
4/6/2021							110
8/12/2021	98	68	330	55		100	120
8/13/2021					110		
2/14/2022	100		290	68	94	100	110
2/15/2022		85					

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					237
4/11/2016	88	79	88	103	
6/15/2016	114	79			
6/16/2016			74	117	231
8/10/2016	82	72	66		
8/11/2016				94	190
10/11/2016	92	76			
10/13/2016			72	110	230
12/2/2016		60			
12/5/2016	86		70	130	
12/6/2016					260
2/13/2017	62	58	12 (O)	92	230
4/7/2017		68			
4/10/2017	60		80		
4/11/2017				120	210
6/22/2017		16			
6/23/2017	74		66		
6/24/2017				120	250
10/10/2017	86	44			
10/11/2017			56	120	280
3/23/2018		96			
3/26/2018	58 (J)		72	98	240
10/4/2018	130	110	96	190	320
3/27/2019			76		
3/28/2019	88	65		140	280
9/12/2019	110	89	110	160	300
3/19/2020	110	64	66	160	270
9/10/2020	120	82			
9/11/2020			87	170	290
4/5/2021			66	170	
4/6/2021	110	49			250
8/13/2021	120	72	92		290
8/17/2021				180	
2/14/2022	120	79		150	280
2/15/2022			67		

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	0.0024 (J)	0.0051 (J)		
12/21/2010						0.0091 (J)	0.016
12/22/2010	<0.001	<0.001					
2/1/2011				0.0021 (J)	0.012		
2/14/2011	<0.001	<0.001	<0.001			0.013	0.016
3/21/2011			<0.001	0.0025 (J)			0.018
3/22/2011	0.0028 (J)	0.0032 (J)					
3/23/2011					0.015	<0.001	
4/26/2011	0.0025 (J)	<0.001	0.0022 (J)	0.0033 (J)			0.018
4/27/2011					0.022	0.0078 (J)	
10/25/2011						0.012 (O)	
10/26/2011			<0.001		0.0043 (J)		0.018
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	0.0037 (J)	0.0036 (J)		0.0069 (J)	0.019	
5/2/2012				0.0051 (J)			0.021
11/8/2012	<0.001	<0.001	0.0062 (O)	0.02 (O)	0.013	0.015	0.019
5/7/2013	<0.001	0.0041 (J)		0.0036 (J)	0.017	0.017	
5/8/2013			<0.001				0.02
11/4/2013	<0.001	<0.001	<0.001	0.0043 (J)			
11/5/2013					0.013	0.015	0.018
5/23/2014					0.041	0.017	0.018
5/24/2014	<0.001	<0.001	<0.001	0.0033 (J)			
11/7/2014			<0.001	<0.001	0.0069 (J)	0.013	0.018
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	0.0062 (J)			
5/21/2015	<0.001	0.0052 (J)			0.016	0.016	0.02
11/12/2015					0.013	0.018	0.016
11/13/2015	<0.001	<0.001	<0.001	0.0046 (J)			
4/6/2016	0.00201 (J)						
4/7/2016			<0.001	0.00293 (J)		0.016	0.0182
4/8/2016		<0.001 (D)			<0.001 (D)		
10/10/2016			<0.001	0.0031			
10/11/2016	<0.001	<0.001			0.011		0.023
10/14/2016						0.018	
4/7/2017		0.0033	<0.001	0.0041	0.0073	0.017	0.02
4/10/2017	0.002 (J)						
10/9/2017	<0.001	<0.001					
10/10/2017			0.0014 (J)	<0.001	0.0032	0.015	0.016
3/22/2018			<0.001 (D)		0.0068		0.018
3/23/2018				0.0032		0.016	
3/26/2018	0.0014 (J)	0.0029					
10/3/2018	0.0023 (J)	0.0022 (J)	<0.001			0.017	0.018
10/4/2018				<0.001 (X)			
10/5/2018					<0.001 (X)		
3/27/2019	0.0072 (O)	0.0071 (O)	0.0023 (J)	0.0072	0.012	0.022	0.021
9/12/2019	0.0031	0.0025	0.0017	0.0033	0.0075	0.019	0.02
3/19/2020	0.003	0.0052	0.0031	0.0033		0.019	0.02
3/20/2020					0.0086		
9/10/2020	0.0027	0.0025					0.018
9/11/2020			0.0015	0.0026	0.007	0.017	
4/2/2021	0.0029	0.0045	0.0014				
4/5/2021				0.003	0.0085	0.019	

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							0.021
8/12/2021	0.004	0.0028	0.0017	0.0031		0.019	0.02
8/13/2021					0.0078		
2/14/2022	0.0033		0.0028	0.0032	0.0076	0.019	0.02
2/15/2022		0.0083					

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	0.0037 (J)	<0.001	0.0027 (J)		
2/14/2011					<0.001
2/15/2011	0.0043 (J)	<0.001	0.0036 (J)	0.0098 (J)	
3/21/2011				0.012	<0.001
3/22/2011	0.0039 (J)	0.0034 (J)	<0.001		
4/27/2011	0.0035 (J)	0.0032 (J)	0.0046 (J)		<0.001
4/28/2011				0.011	
10/26/2011	0.0047 (J)	<0.001	<0.001	0.012	<0.001
5/1/2012				0.011	0.0032 (J)
5/2/2012	0.0064 (J)	0.0039 (J)	0.0055 (J)		
11/8/2012	0.0051 (J)	0.0034 (J)	0.0042 (J)		
11/9/2012				0.011	<0.001
5/8/2013	0.0046 (J)	<0.001	0.0046 (J)	<0.001	<0.001
11/4/2013	0.0039 (J)	0.0035 (J)	0.0042 (J)	0.011	<0.001
5/24/2014	0.0053 (J)	0.0036 (J)	0.0061 (J)	0.012	<0.001
11/7/2014	0.0034 (J)		0.0032 (J)	0.01	<0.001
11/8/2014		<0.001			
5/20/2015					0.0065
5/22/2015	0.0068 (J)	0.0044 (J)	0.0056 (J)	0.013	
11/13/2015	0.0044 (J)	<0.001	<0.001	0.014	<0.001
4/8/2016					0.0136 (O)
4/11/2016	0.00381 (J)	0.00254 (J)	0.00415 (J)	0.0107	
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	0.011	<0.001
4/7/2017		0.0024 (J)			
4/10/2017	0.0038		0.0043		
4/11/2017				0.011	<0.001
10/10/2017	0.0053	<0.001			
10/11/2017			0.0052	0.012	0.0019 (J)
3/23/2018		0.0023 (J)			
3/26/2018	0.0037		0.004	0.0096	<0.001
10/4/2018	<0.001 (X)	<0.001 (X)	<0.001 (X)	0.013	<0.001 (X)
3/27/2019			0.0087		
3/28/2019	0.0079	0.0053		0.01	0.0041
9/12/2019	0.0054	0.0028	0.0047	0.011	<0.001
3/19/2020	0.0044	0.0027	0.0046	0.01	<0.001
9/10/2020	0.0049	0.0026			
9/11/2020			0.0042	0.0099	<0.001
4/5/2021			0.0059	0.011	
4/6/2021	0.0045	0.0026			<0.001
8/13/2021	0.0061	0.0093	0.0072		0.0016
8/17/2021				0.011	
2/14/2022	0.0047	0.0042		0.011	0.0014
2/15/2022			0.0049		

Time Series

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/12/2021	<0.005	<0.005	0.006	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		0.003 (J)	<0.005	<0.005	<0.005	<0.005
2/15/2022		0.003 (J)					

Time Series

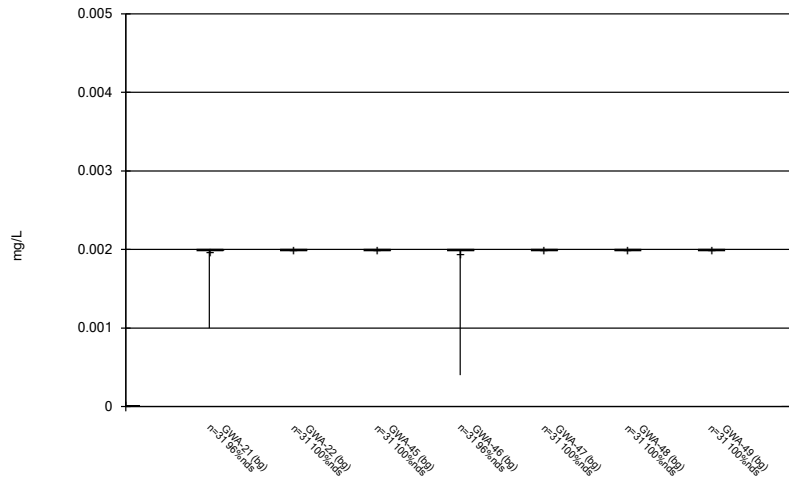
Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.0095 (J)
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					0.0092 (J)
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	0.011 (J)
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		0.0096 (J)
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	0.011 (J)
5/1/2012				<0.005	0.012 (J)
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	0.014 (J)
5/8/2013	<0.005	<0.005	<0.005	<0.005	0.016 (J)
11/4/2013	<0.005	<0.005	<0.005	<0.005	0.014 (J)
5/24/2014	<0.005	<0.005	<0.005	<0.005	0.013 (J)
11/7/2014	<0.005		<0.005	<0.005	0.014 (J)
11/8/2014		<0.005			
5/20/2015					0.015 (J)
5/22/2015	<0.005	<0.005	<0.005	<0.005	
11/13/2015	<0.005	<0.005	<0.005	<0.005	0.015 (J)
4/11/2016	<0.005	<0.005	0.00333 (J)	<0.005	
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	<0.005	0.015 (J)
4/7/2017		<0.005			
4/10/2017	<0.005		<0.005		
4/11/2017				0.0065 (J)	0.015 (J)
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	0.019 (J)
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	0.016 (J)
10/4/2018	<0.005	0.0076	<0.005	<0.005	0.017 (J)
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	0.013 (J)
9/12/2019	0.0058	0.0057	0.0042 (J)	0.0073	0.02
3/19/2020	<0.005	0.0037 (J)	<0.005	<0.005	0.014
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	0.014
4/5/2021			<0.005	<0.005	
4/6/2021	<0.005	<0.005			0.014
8/13/2021	<0.005	0.0053	<0.005		0.017
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	0.014
2/15/2022			<0.005		

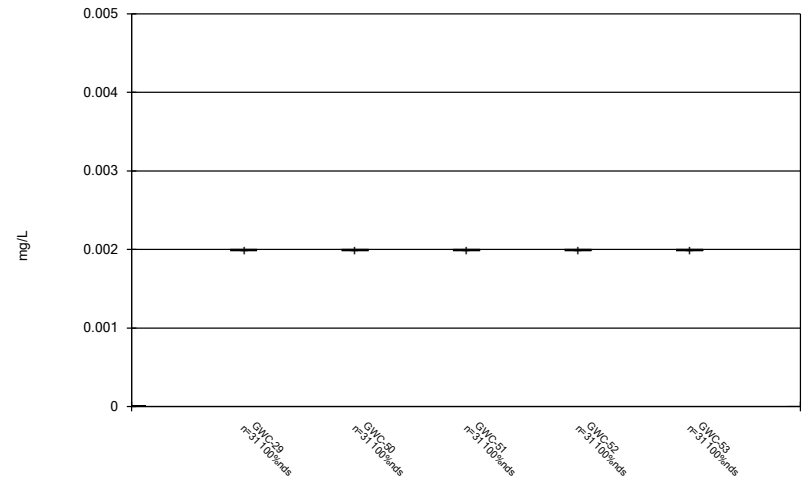
FIGURE B.

Box & Whiskers Plot



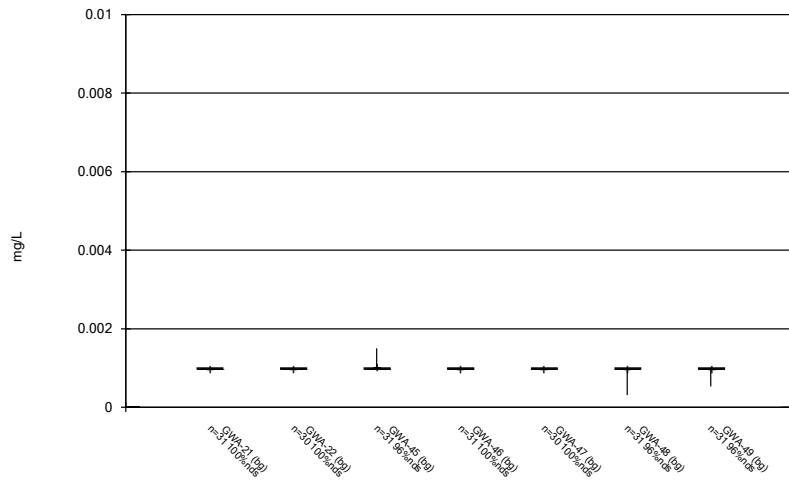
Constituent: Antimony, Total Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



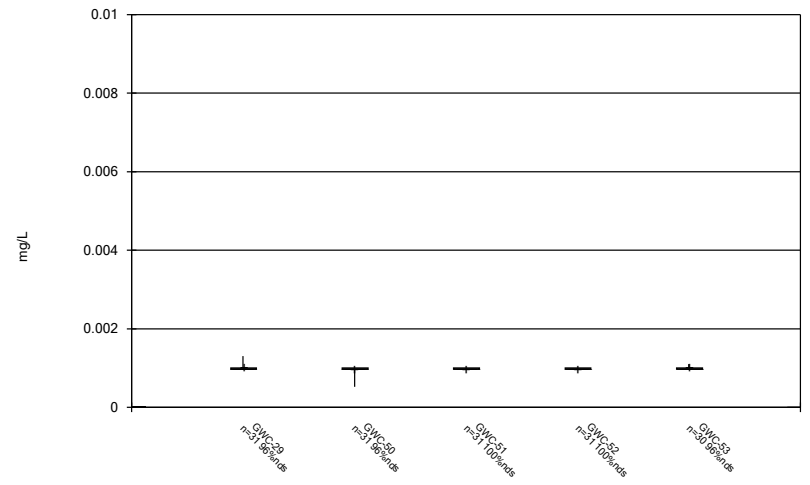
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



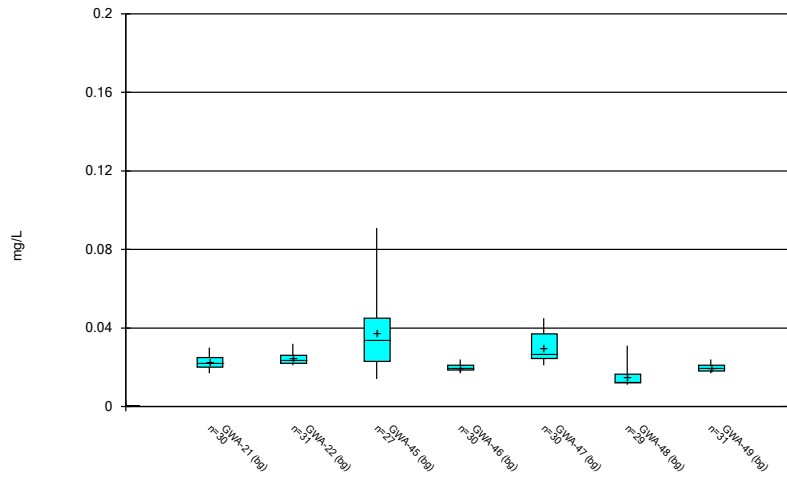
Constituent: Arsenic, Total Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



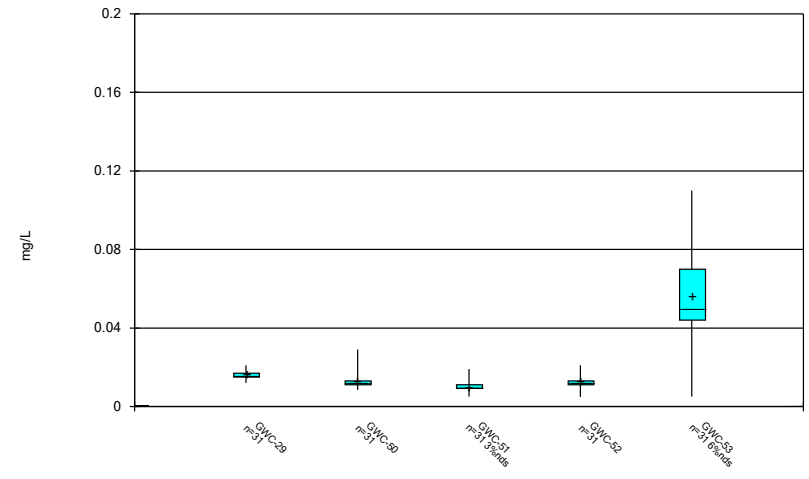
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



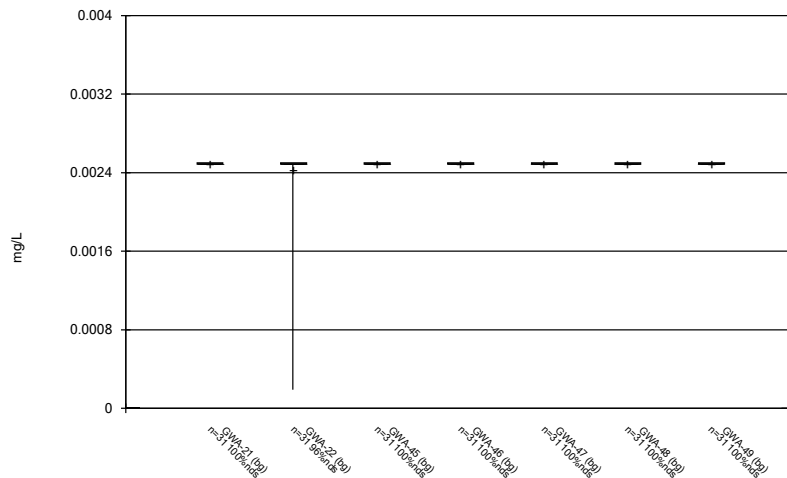
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



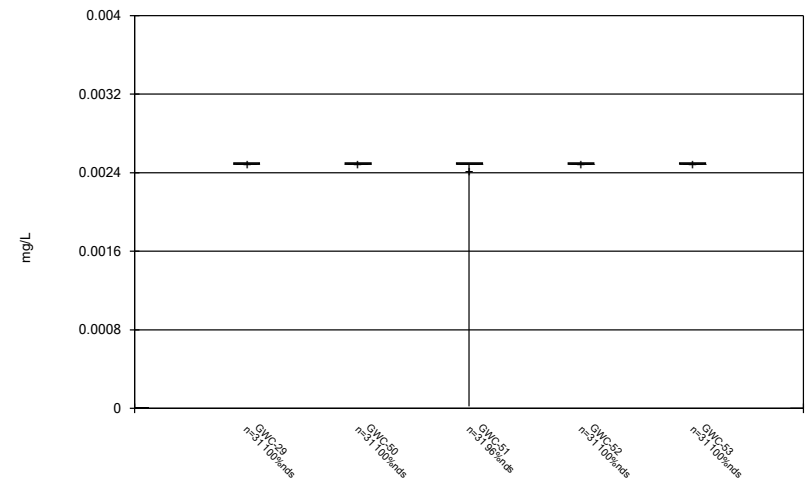
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



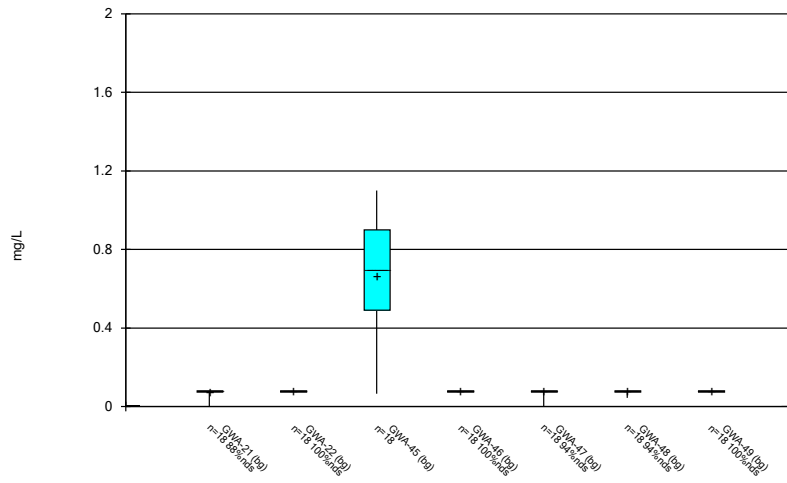
Constituent: Beryllium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



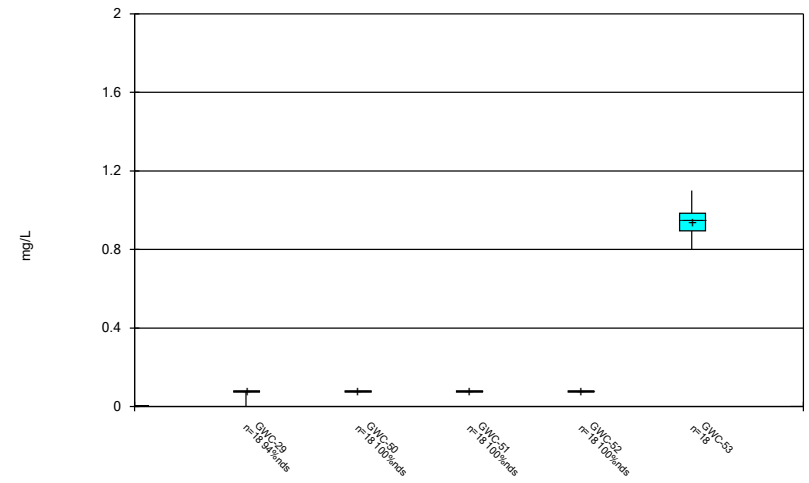
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



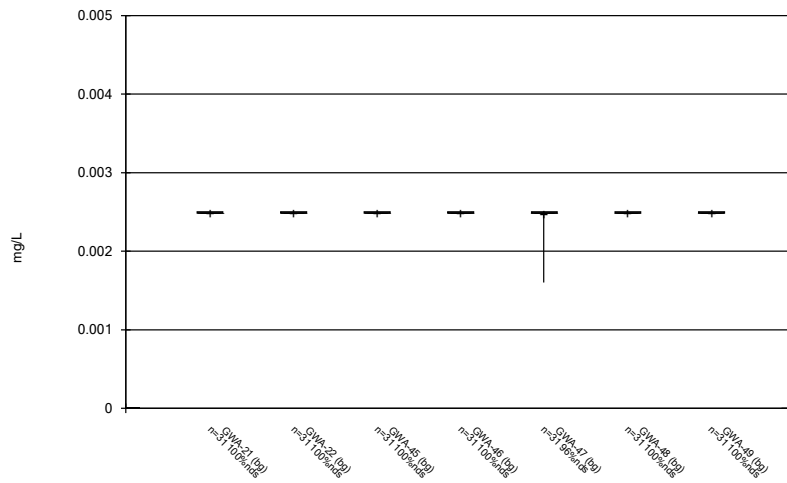
Constituent: Boron Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



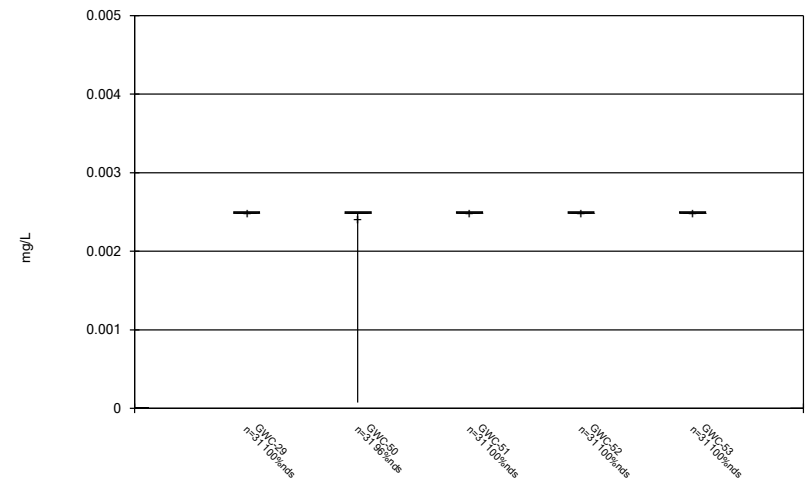
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



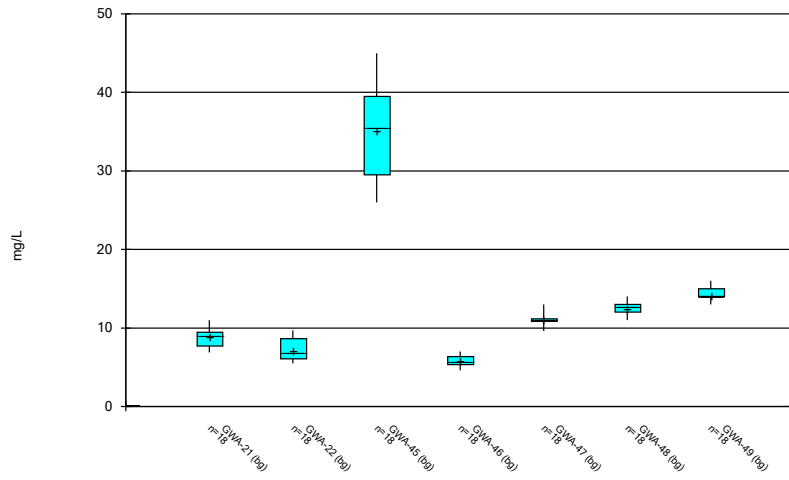
Constituent: Cadmium, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



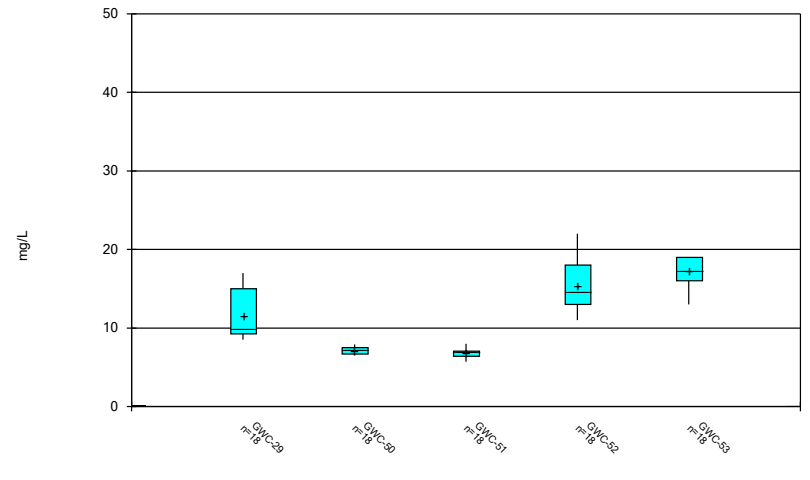
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



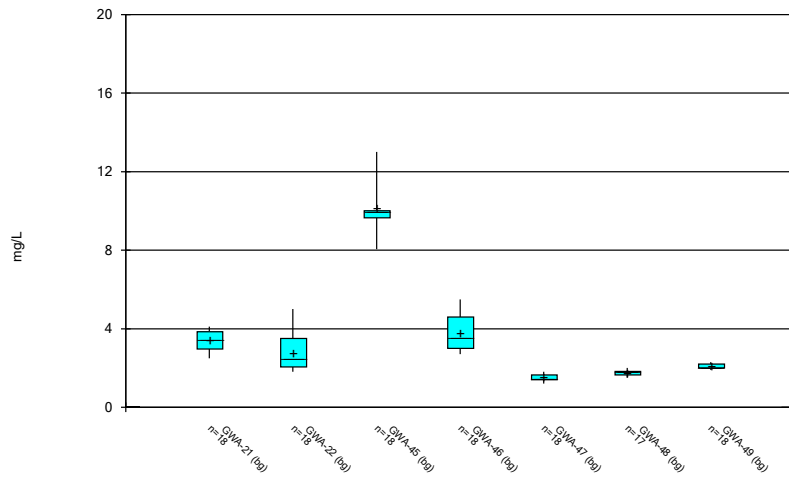
Constituent: Calcium Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



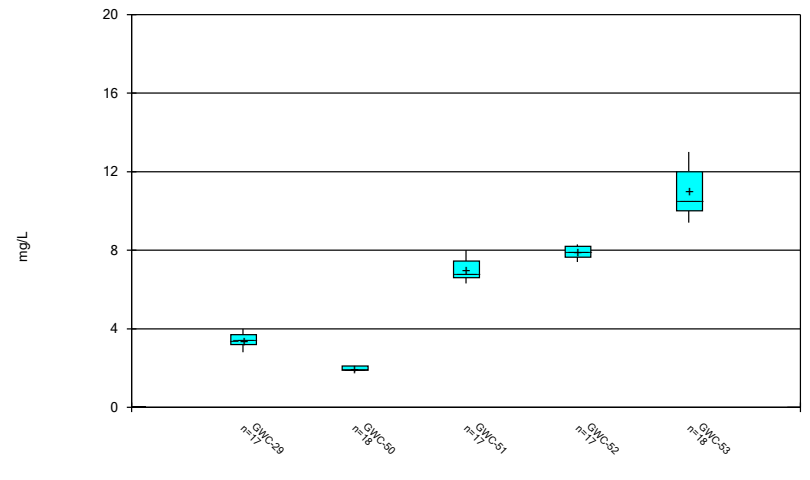
Constituent: Calcium Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



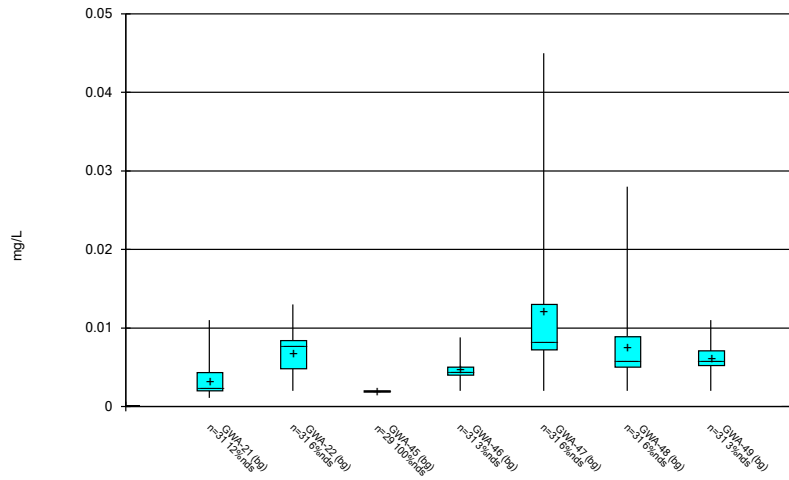
Constituent: Chloride Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



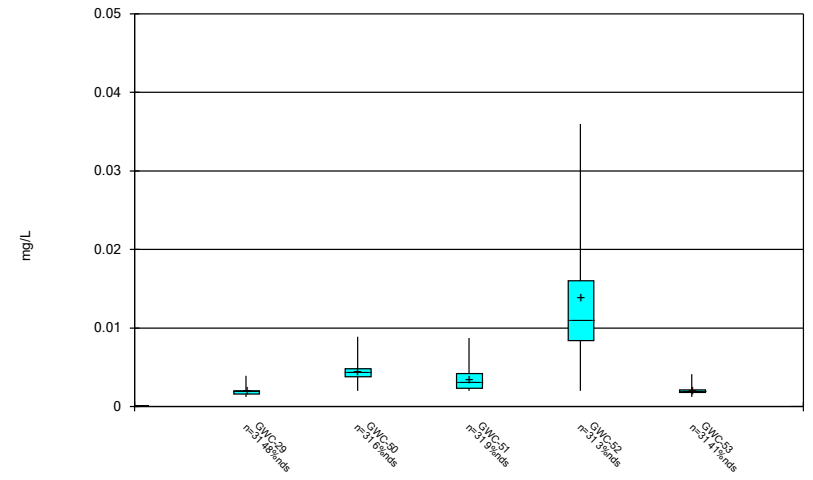
Constituent: Chloride Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



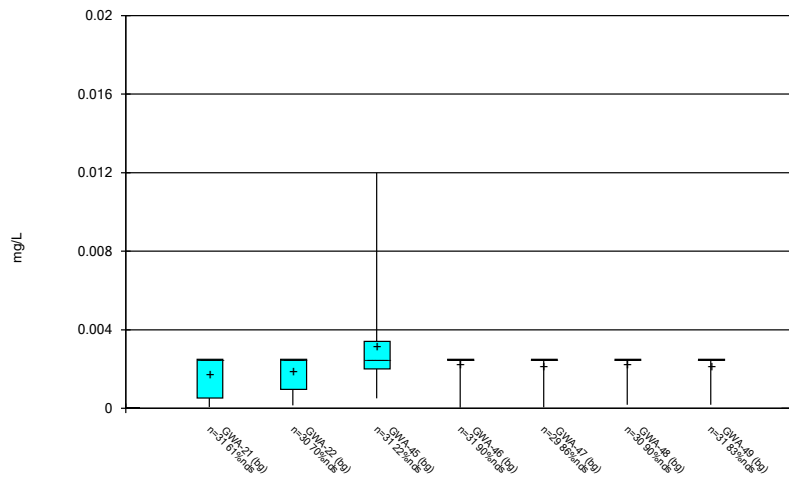
Constituent: Chromium, Total Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



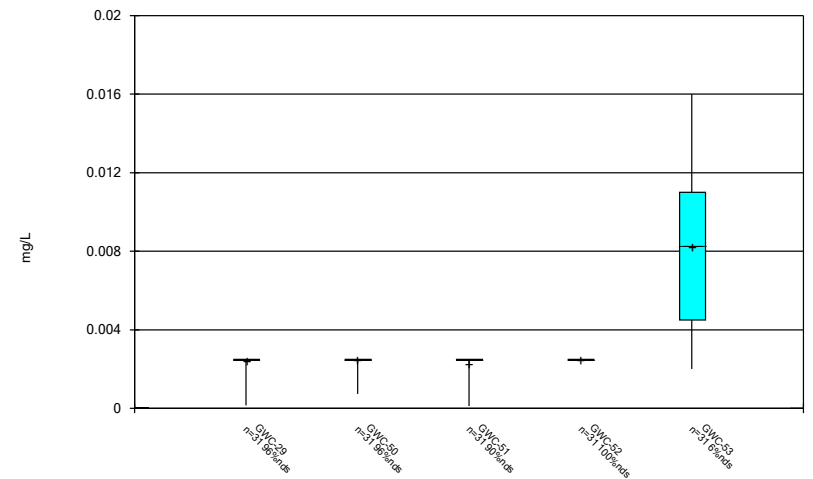
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



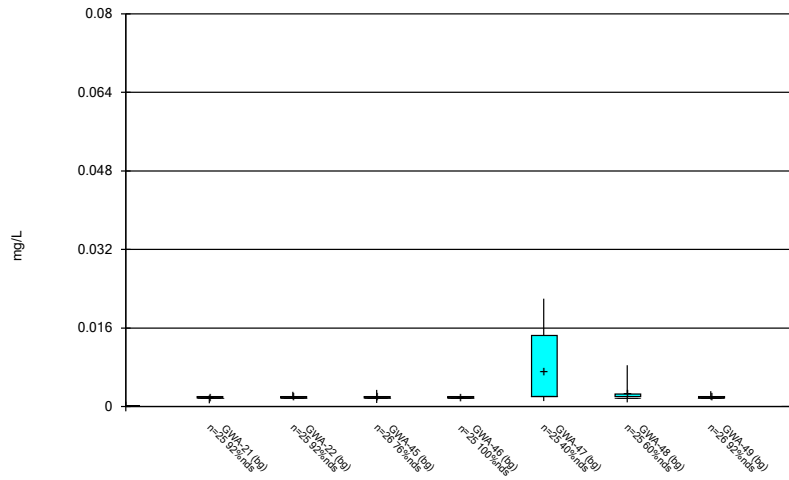
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



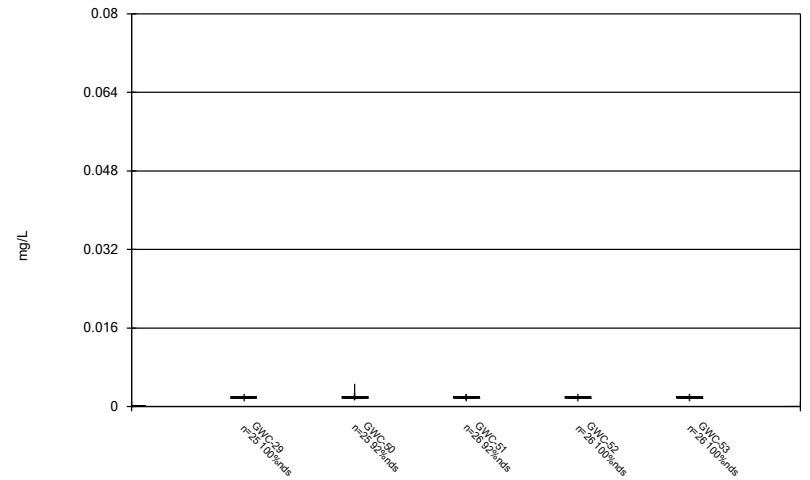
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



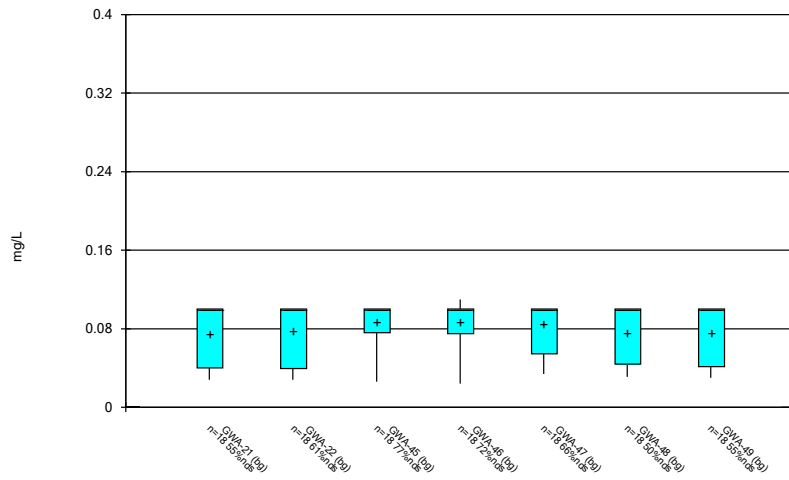
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



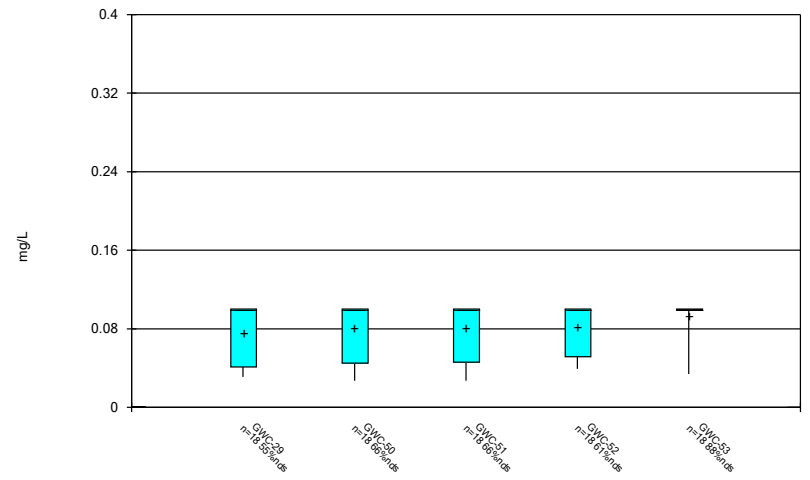
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Box & Whiskers Plot



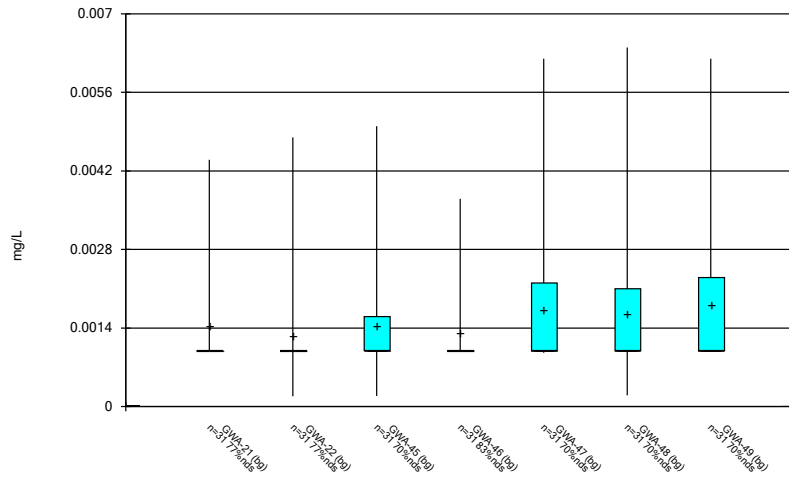
Constituent: Fluoride Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



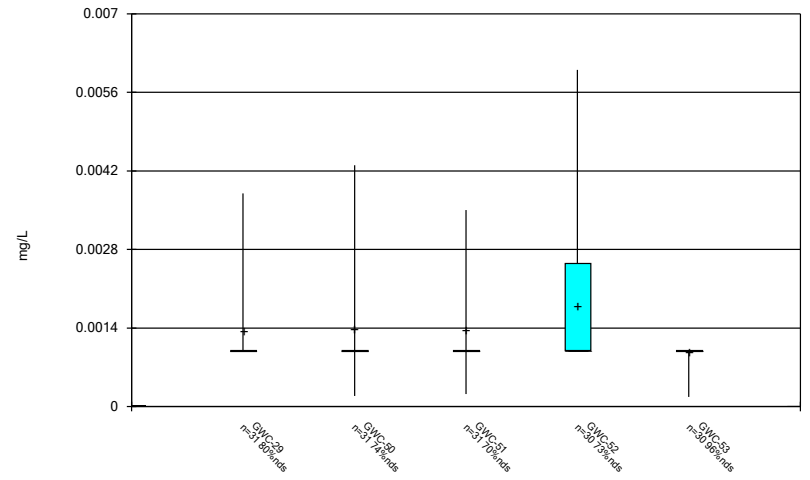
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



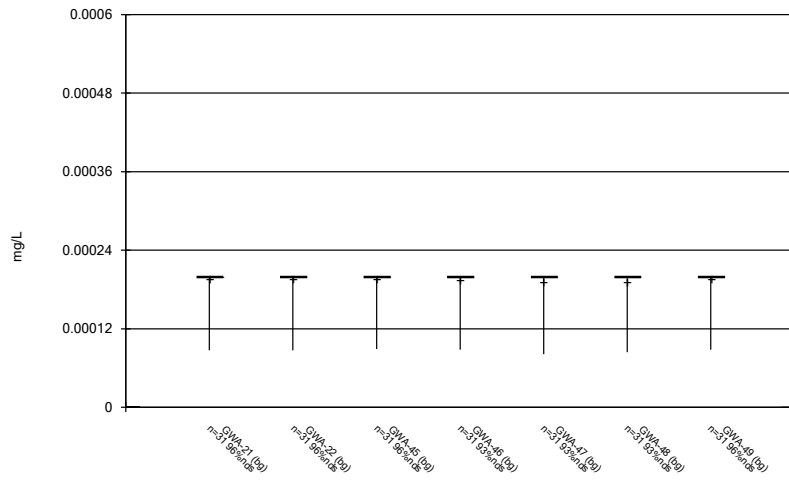
Constituent: Lead, Total Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



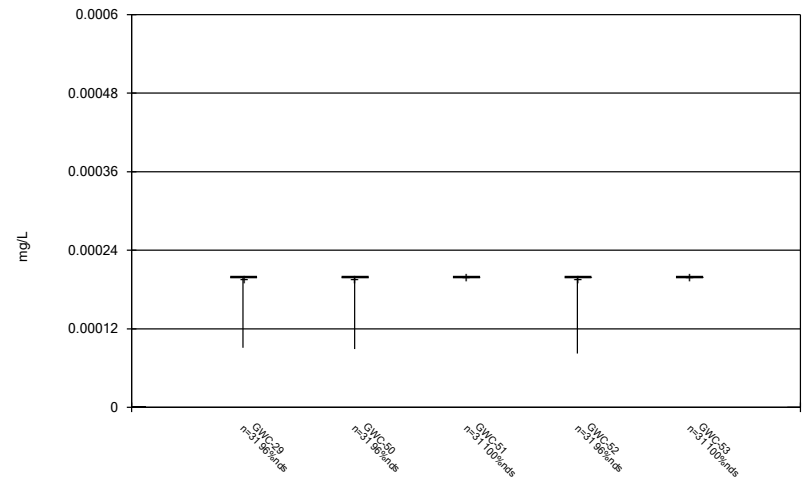
Constituent: Lead, Total Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



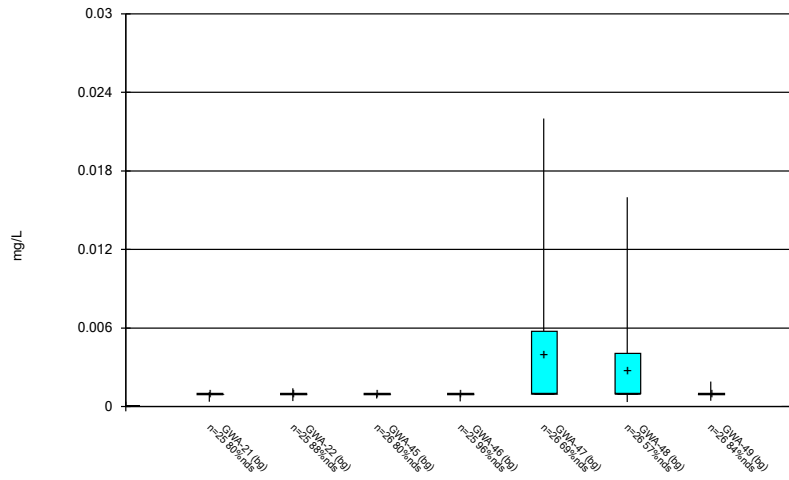
Constituent: Mercury, Total Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



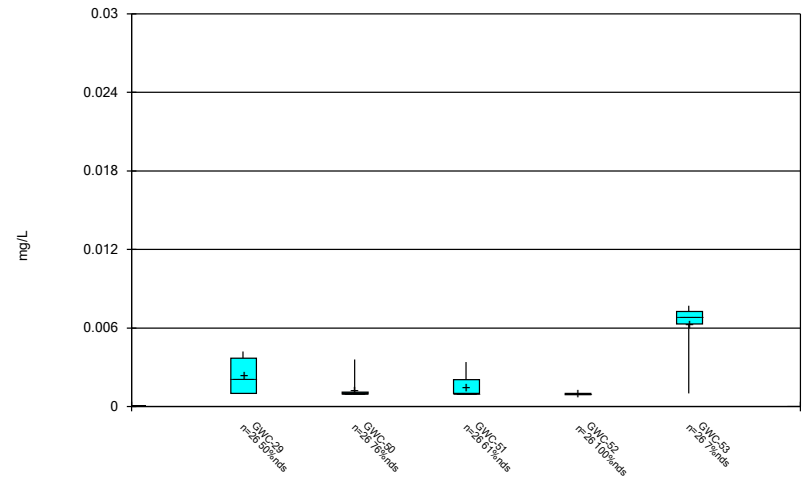
Constituent: Mercury, Total Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



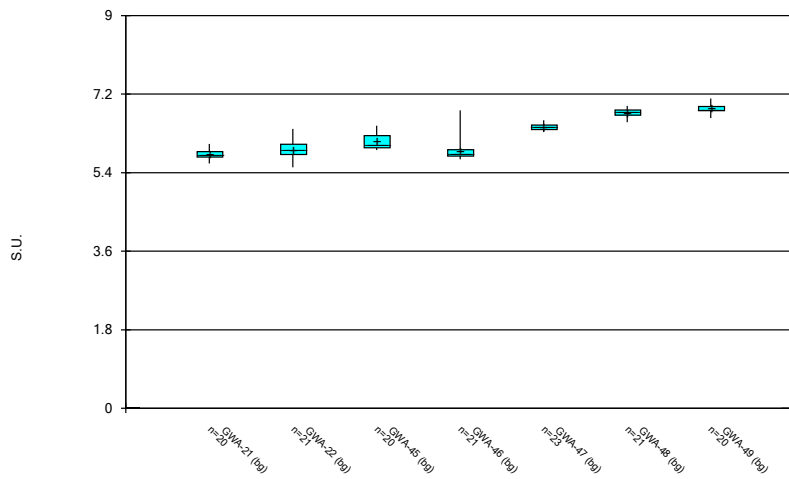
Constituent: Nickel, Total Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



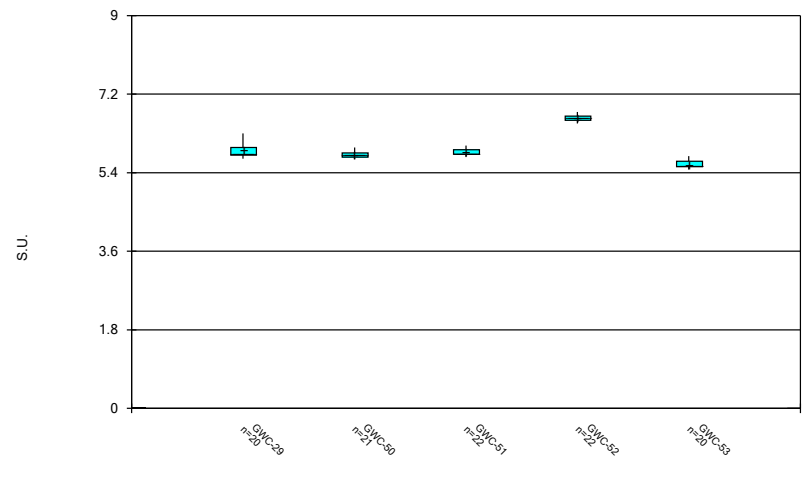
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



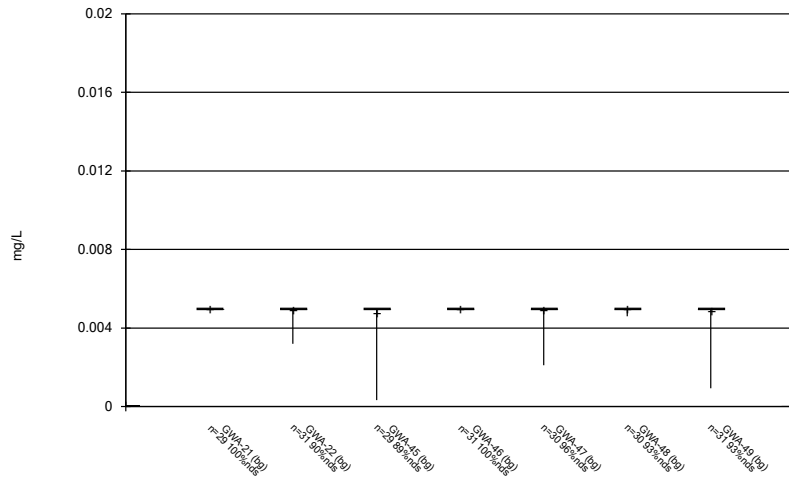
Constituent: pH Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



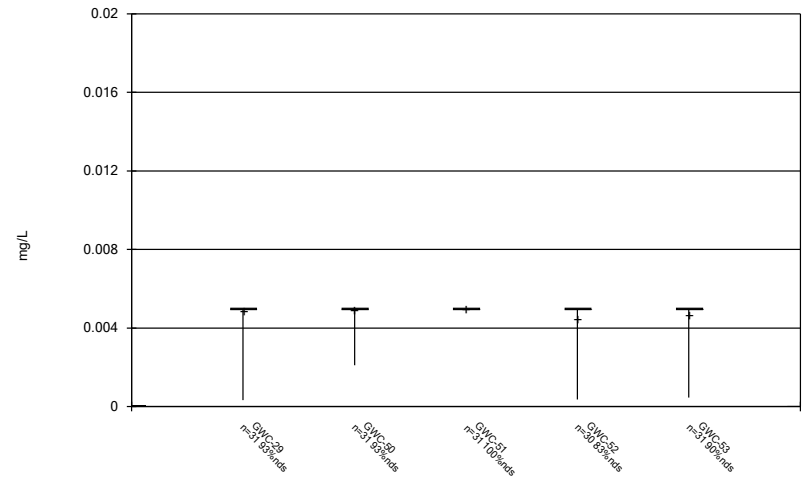
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



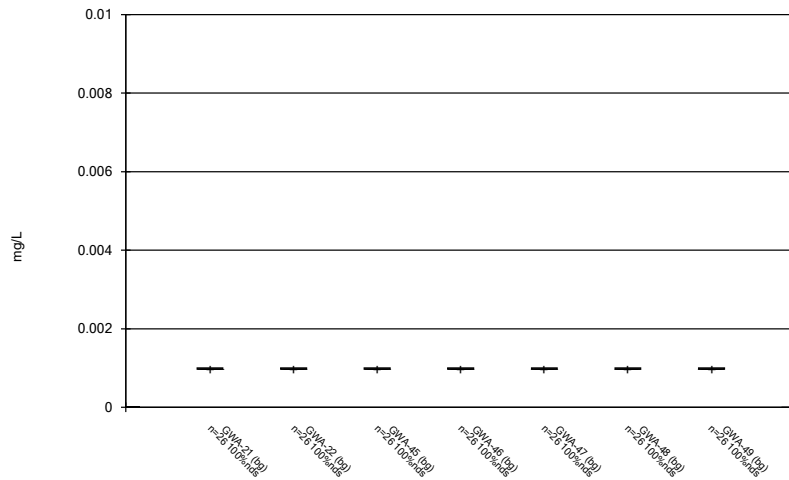
Constituent: Selenium, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



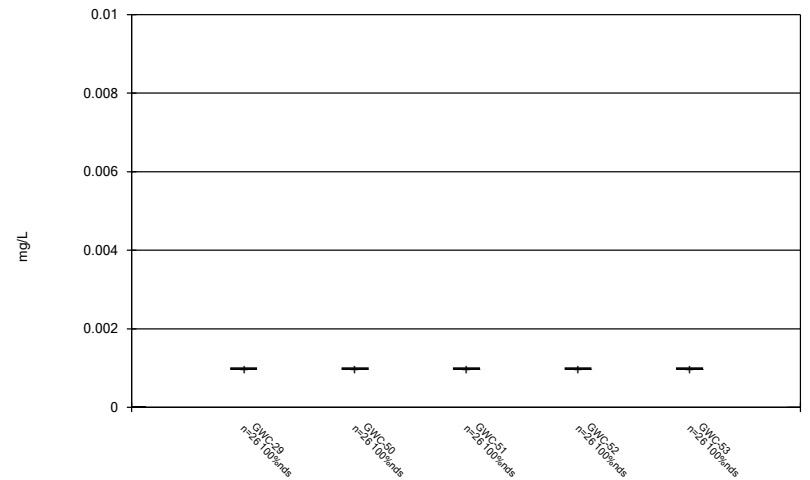
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



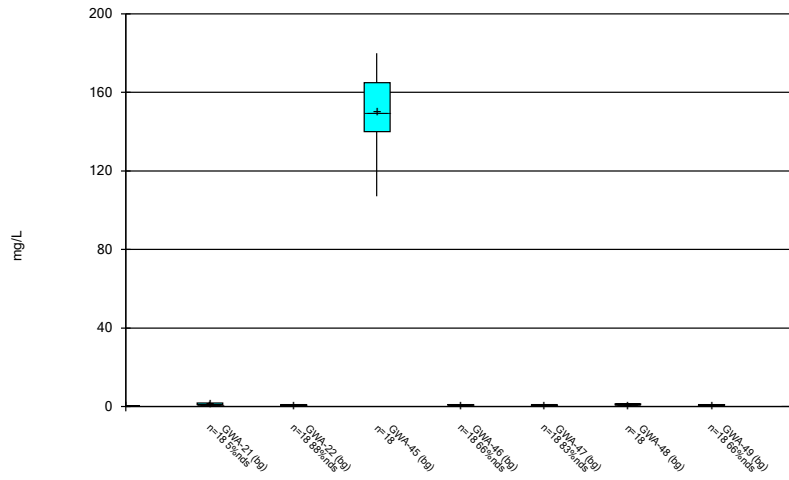
Constituent: Silver, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



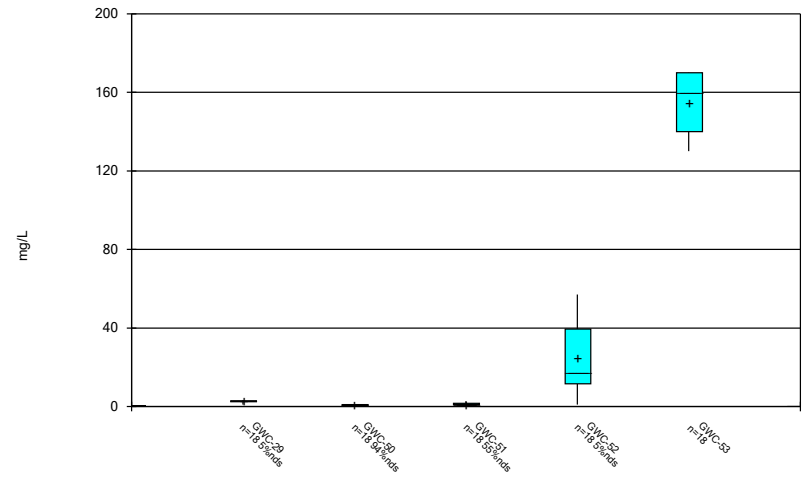
Constituent: Silver, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



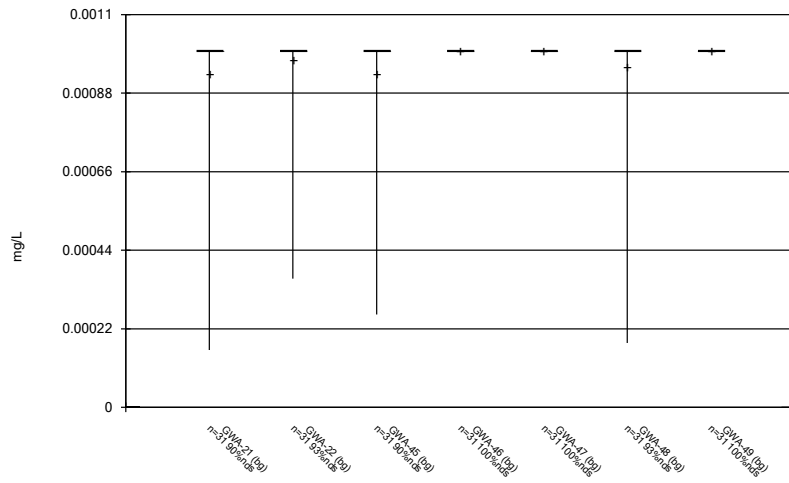
Constituent: Sulfate Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



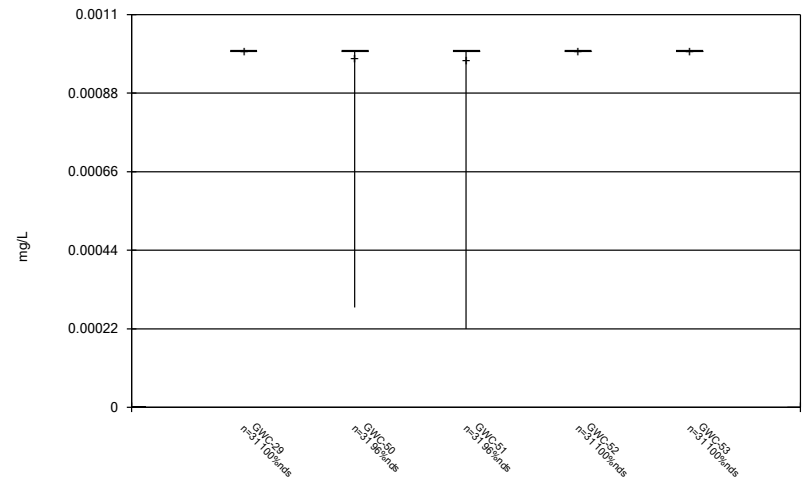
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



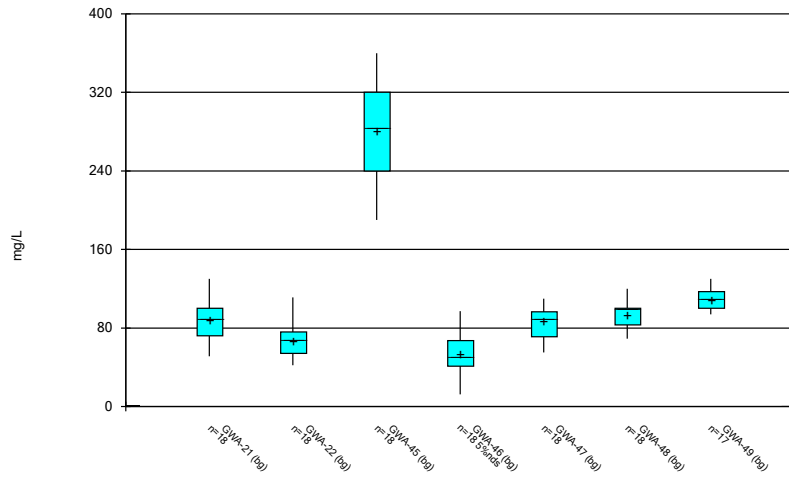
Constituent: Thallium, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



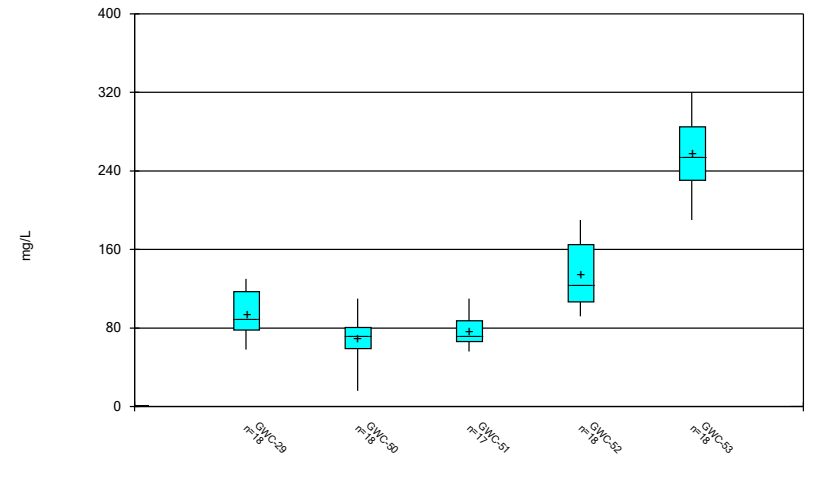
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



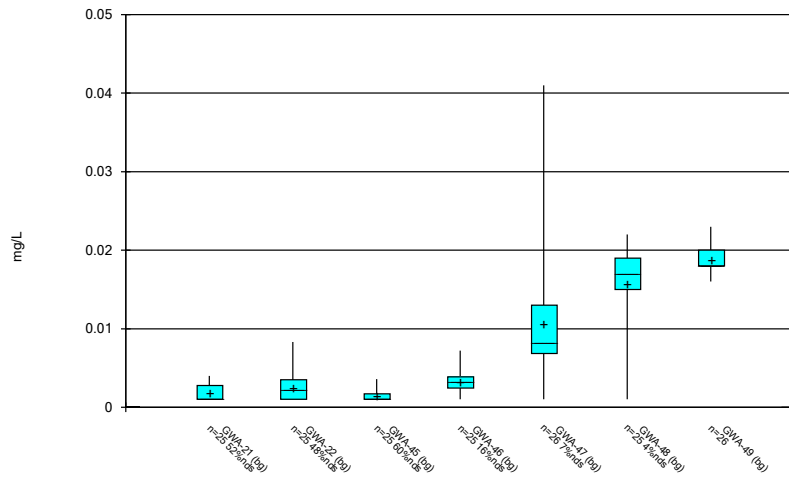
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



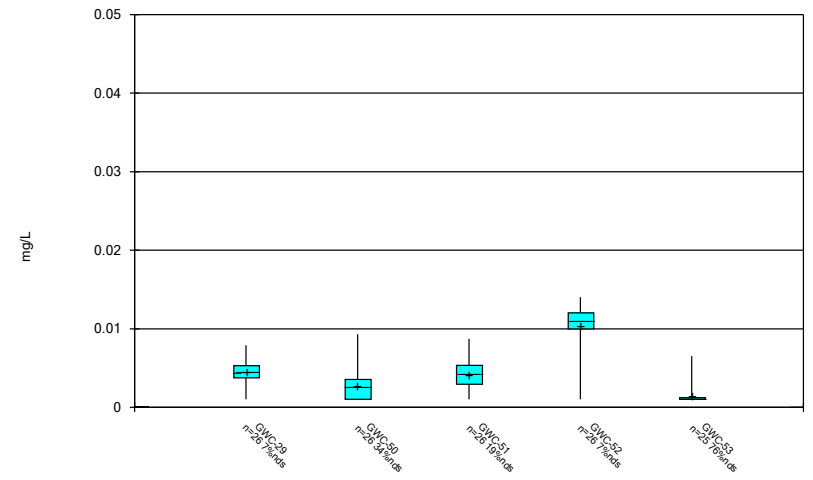
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



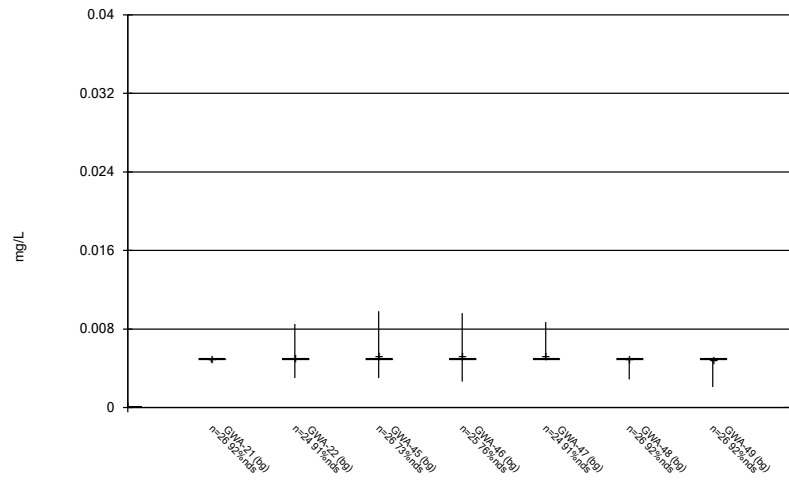
Constituent: Vanadium, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



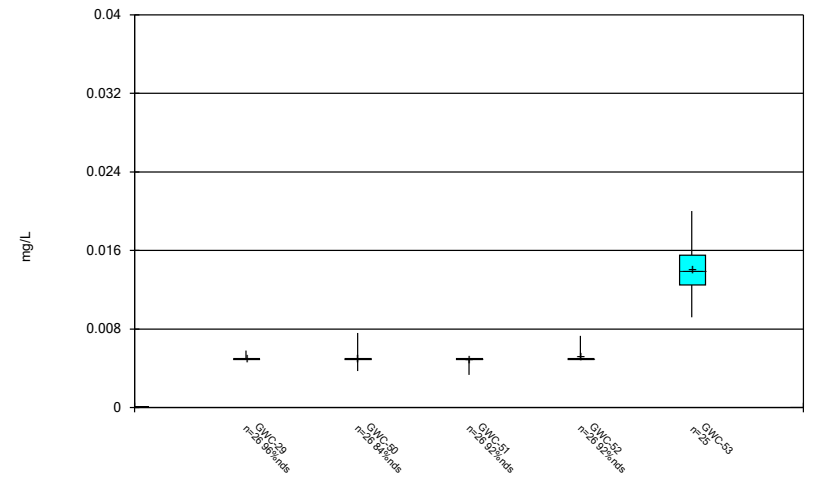
Constituent: Vanadium, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



Constituent: Zinc, Total Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



Constituent: Zinc, Total Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 9:01 AM

	GWC-53 Vanadium, Total (mg/L)	GWA-22 Zinc, Total (mg/L)	GWA-46 Zinc, Total (mg/L)	GWA-47 Zinc, Total (mg/L)
12/20/2010				
12/21/2010				
12/22/2010				
2/14/2011				
10/25/2011				
5/1/2012				
11/8/2012		0.013 (O)		
11/4/2013				
11/5/2013				
5/23/2014			0.014 (O)	
5/20/2015				
5/21/2015				
5/22/2015				
5/25/2015				
11/13/2015	0.039 (O)			
4/8/2016	0.0136 (O)			
4/11/2016				
6/14/2016				
12/19/2016				
2/13/2017				
10/9/2017				
3/26/2018				
10/3/2018				
3/27/2019				
9/12/2019				
12/2/2019				
3/19/2020				
9/11/2020				
4/2/2021				

FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWA-22	0.02993	n/a	2/15/2022	0.032	Yes	28	0.02437	0.00257	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.05701	n/a	2/14/2022	0.077	Yes	24	0.03215	0.01125	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02282	n/a	2/14/2022	0.024	Yes	27	0.01947	0.001543	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01961	n/a	2/14/2022	0.02	Yes	28	0.01603	0.001661	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.014	n/a	2/14/2022	0.018	Yes	28	0.0001382	0.000026710		None	x^2	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01758	n/a	2/14/2022	0.021	Yes	28	0.01176	0.00269	0	None	No	0.0007523 Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01164	n/a	2/15/2022	0.013	Yes	28	0.006711	0.002282	7.143	None	No	0.0007523 Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01533	n/a	2/14/2022	0.036	Yes	24	0.00975	0.002526	4.167	None	No	0.0007523 Param Intra 1 of 2
Nickel, Total (mg/L)	GWA-22	0.001	n/a	2/15/2022	0.0014	Yes	22	n/a	n/a	100	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	2/14/2022	0.0026	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0031	n/a	2/14/2022	0.0033	Yes	22	n/a	n/a	59.09	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	2/15/2022	0.0083	Yes	22	n/a	n/a	54.55	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWA-45	0.0015	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.0013	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	2/14/2022	0.001ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.02935	n/a	2/14/2022	0.024	No	27	0.0227	0.00306	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.02993	n/a	2/15/2022	0.032	Yes	28	0.02437	0.00257	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.05701	n/a	2/14/2022	0.077	Yes	24	0.03215	0.01125	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02282	n/a	2/14/2022	0.024	Yes	27	0.01947	0.001543	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.045	n/a	2/14/2022	0.029	No	27	n/a	n/a	0	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-48	0.031	n/a	2/14/2022	0.014	No	26	n/a	n/a	0	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-49	0.02233	n/a	2/14/2022	0.022	No	28	0.01933	0.001391	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01961	n/a	2/14/2022	0.02	Yes	28	0.01603	0.001661	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.014	n/a	2/14/2022	0.018	Yes	28	0.0001382	0.000026710	None	x^2	0.0007523	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-51	0.01222	n/a	2/15/2022	0.011	No	28	0.000094730	0.000025273	571	None	x^2	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01758	n/a	2/14/2022	0.021	Yes	28	0.01176	0.00269	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.11	n/a	2/14/2022	0.042	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-21	0.008995	n/a	2/14/2022	0.0026	No	28	0.05889	0.01663	14.29	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01164	n/a	2/15/2022	0.013	Yes	28	0.006711	0.002282	7.143	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-46	0.0088	n/a	2/14/2022	0.0047	No	28	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-47	0.045	n/a	2/14/2022	0.0086	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-48	0.028	n/a	2/14/2022	0.0058	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-49	0.009199	n/a	2/14/2022	0.0076	No	28	0.07829	0.008154	3.571	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.0039	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-50	0.006348	n/a	2/14/2022	0.0046	No	28	0.004525	0.0008434	7.143	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-51	0.005825	n/a	2/15/2022	0.0054	No	28	0.003553	0.001051	10.71	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01533	n/a	2/14/2022	0.036	Yes	24	0.00975	0.002526	4.167	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.0041	n/a	2/14/2022	0.0018J	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	64.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0025	n/a	2/15/2022	0.00054J	No	27	n/a	n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.01078	n/a	2/14/2022	0.00059J	No	28	0.1408	0.03707	25	Kaplan-Meier x^(1/3)	n/a	0.0007523	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0025	n/a	2/14/2022	0.0025ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0025	n/a	2/14/2022	0.0025ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0025	n/a	2/14/2022	0.00039J	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01667	n/a	2/14/2022	0.011	No	28	0.008496	0.003782	7.143	None	No	0.0007523	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0023	n/a	2/14/2022	0.002ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.003	n/a	2/15/2022	0.0015J	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	2/14/2022	0.002ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.022	n/a	2/14/2022	0.002ND	No	22	n/a	n/a	36.36	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Copper, Total (mg/L)	GWA-48	0.0084	n/a	2/14/2022	0.002ND	No	22	n/a	n/a	59.09	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-49	0.002	n/a	2/14/2022	0.0014J	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.002	n/a	2/14/2022	0.0013J	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.002	n/a	2/15/2022	0.002ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	2/15/2022	0.00025J	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-46	0.0037	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-49	0.0062	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	2/14/2022	0.00019J	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	2/15/2022	0.001ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	2/14/2022	0.001ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.001	n/a	2/14/2022	0.001ND	No	27	n/a	n/a	100	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	2/15/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.001	n/a	2/14/2022	0.001ND	No	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.001	n/a	2/15/2022	0.0014	Yes	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.001	n/a	2/14/2022	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.001	n/a	2/14/2022	0.001ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	2/14/2022	0.001ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-48	0.016	n/a	2/14/2022	0.001ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-49	0.001	n/a	2/14/2022	0.00088J	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	2/14/2022	0.0034	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	2/14/2022	0.0026	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	2/15/2022	0.0024	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008258	n/a	2/14/2022	0.0071	No	23	0.006804	0.0006526	8.696	None	No	0.0007523	Param Intra 1 of 2
Selenium, Total (mg/L)	GWA-22	0.005	n/a	2/15/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.005	n/a	2/14/2022	0.005ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.005	n/a	2/14/2022	0.005ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.005	n/a	2/14/2022	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-50	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.005	n/a	2/14/2022	0.005ND	No	27	n/a	n/a	81.48	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-21	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.001	n/a	2/15/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.001	n/a	2/15/2022	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0031	n/a	2/14/2022	0.0033	Yes	22	n/a	n/a	59.09	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	2/15/2022	0.0083	Yes	22	n/a	n/a	54.55	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0036	n/a	2/14/2022	0.0028	No	22	n/a	n/a	68.18	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.006504	n/a	2/14/2022	0.0032	No	22	0.05801	0.01008	18.18	Kaplan-Meier	sqrt(x)	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-47	0.0299	n/a	2/14/2022	0.0076	No	23	0.1014	0.03211	8.696	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02341	n/a	2/14/2022	0.019	No	22	0.01572	0.003424	4.545	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02263	n/a	2/14/2022	0.02	No	23	0.01862	0.0018	0	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.007283	n/a	2/14/2022	0.0047	No	23	0.004774	0.001126	8.696	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.004715	n/a	2/14/2022	0.0042	No	23	0.003096	0.0007265	39.13	Kaplan-Meier	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-51	0.007316	n/a	2/15/2022	0.0049	No	23	0.004446	0.001288	21.74	Kaplan-Meier	No	0.0007523	Param Intra 1 of 2

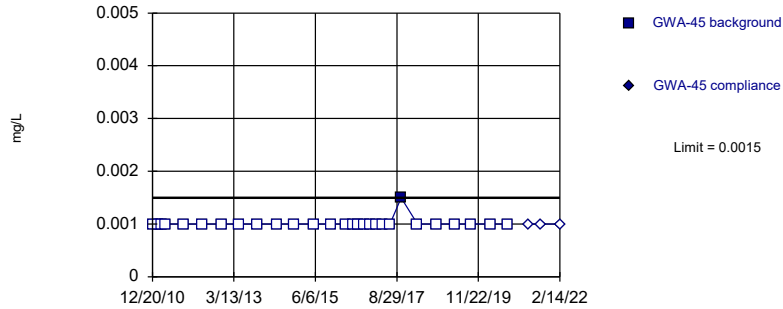
Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Vanadium, Total (mg/L)	GWC-52	0.01371	n/a	2/14/2022	0.011	No	23	0.01109	0.001178	8.696	None	No	0.0007523 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0065	n/a	2/14/2022	0.0014	No	22	n/a	n/a	81.82	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.005	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.0085	n/a	2/15/2022	0.003J	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0098	n/a	2/14/2022	0.003J	No	23	n/a	n/a	82.61	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.0096	n/a	2/14/2022	0.005ND	No	22	n/a	n/a	77.27	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.0087	n/a	2/14/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.005	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.005	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0058	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0076	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.005	n/a	2/15/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0073	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.02028	n/a	2/14/2022	0.014	No	22	0.01392	0.002833	0	None	No	0.0007523 Param Intra 1 of 2

Within Limit

Prediction Limit
Intrawell Non-parametric

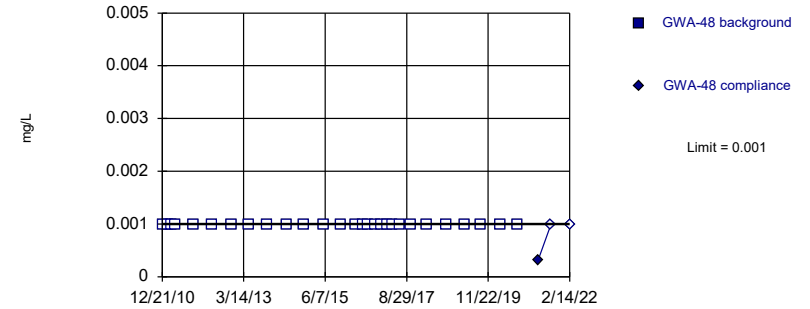


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

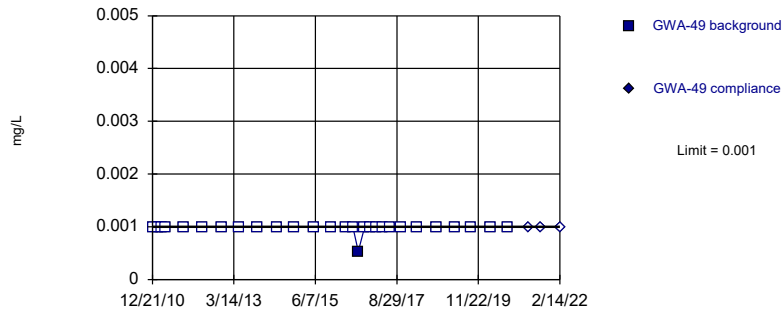


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

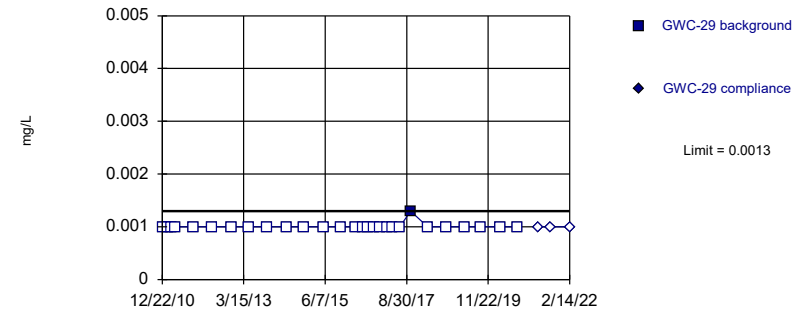


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

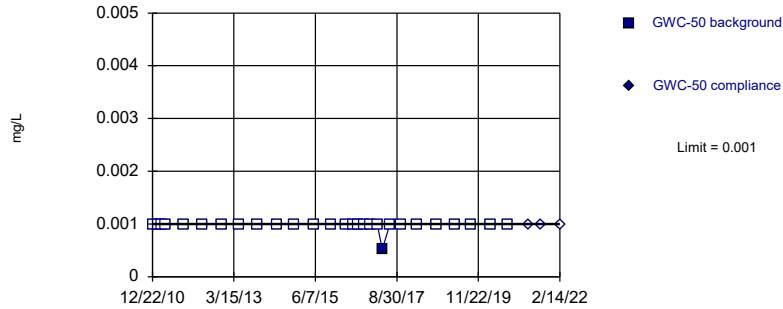


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

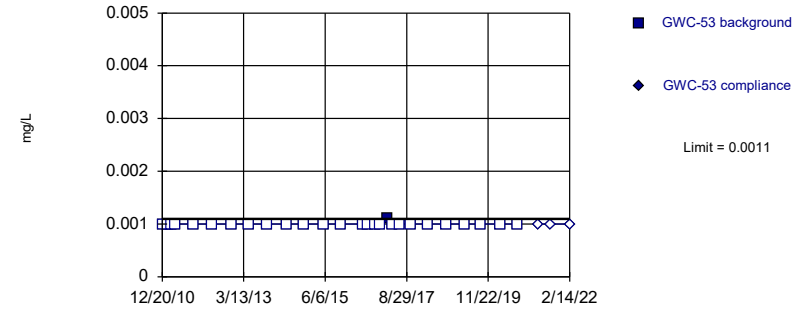


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

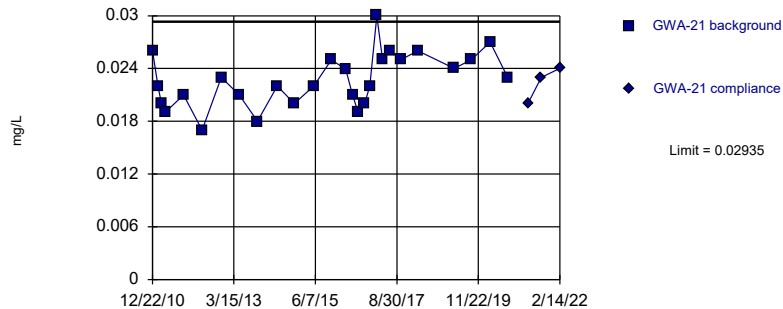


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Arsenic, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

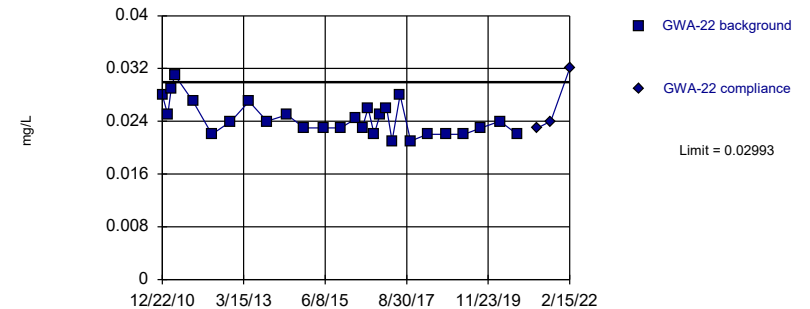


Background Data Summary: Mean=0.0227, Std. Dev.=0.00306, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9786, critical = 0.894. Kappa = 2.172 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

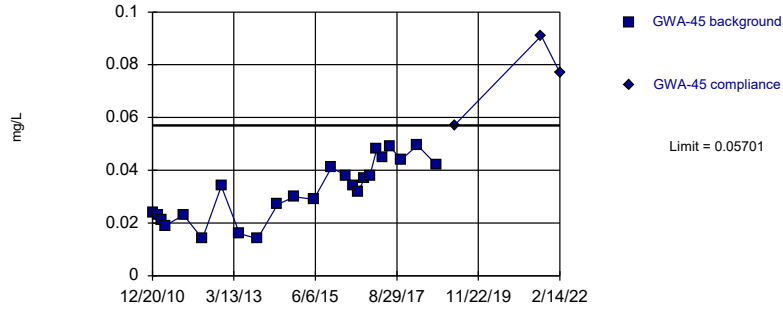


Background Data Summary: Mean=0.02437, Std. Dev.=0.00257, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9209, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

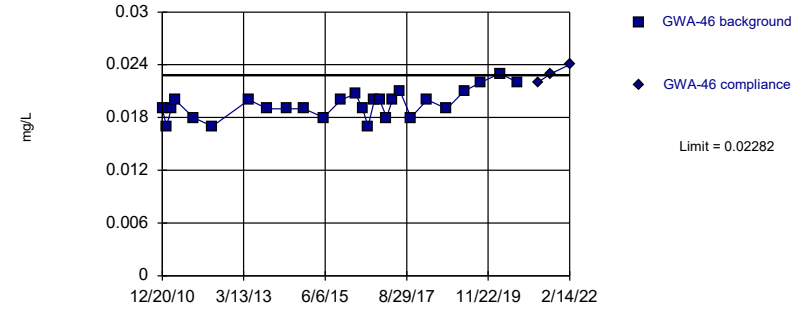


Background Data Summary: Mean=0.03215, Std. Dev.=0.01125, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.884. Kappa = 2.211 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

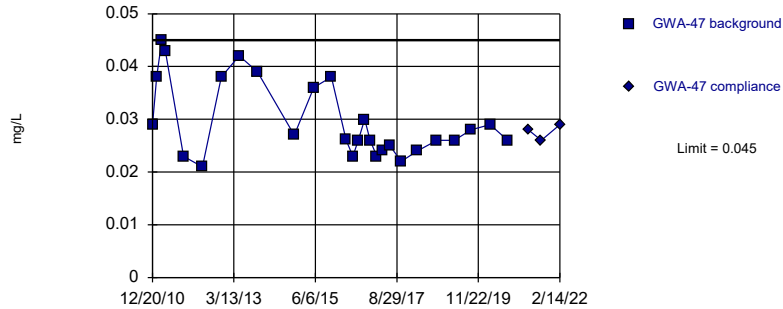


Background Data Summary: Mean=0.01947, Std. Dev.=0.001543, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.894. Kappa = 2.172 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

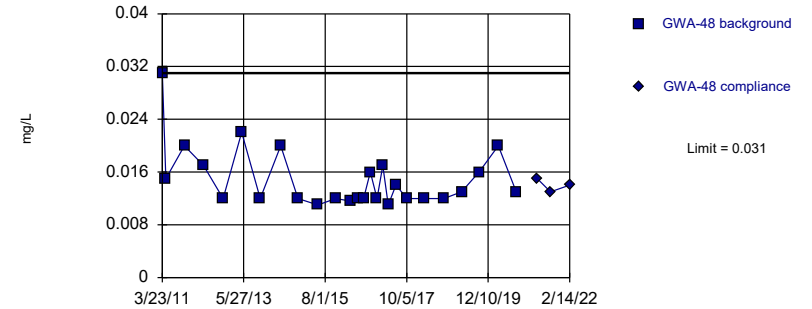


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

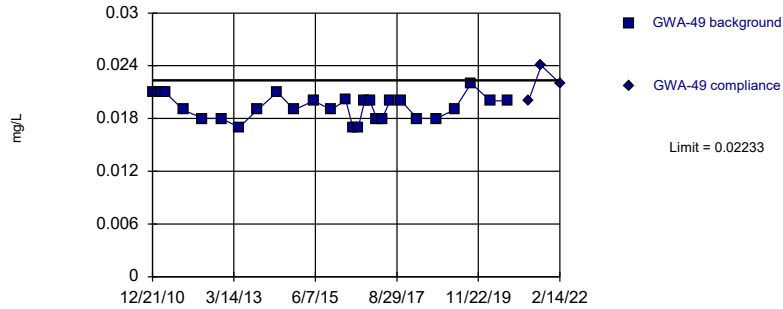


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

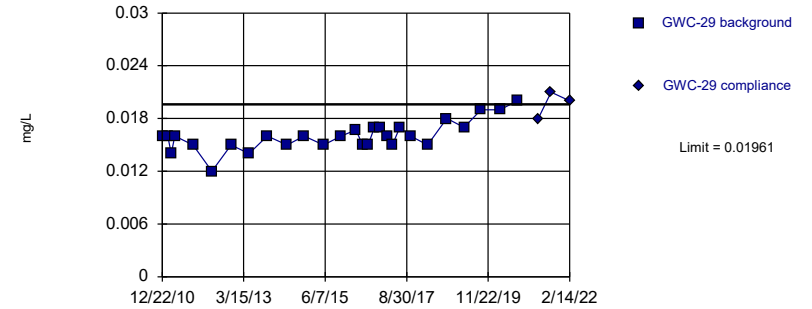


Background Data Summary: Mean=0.01933, Std. Dev.=0.001391, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.931, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

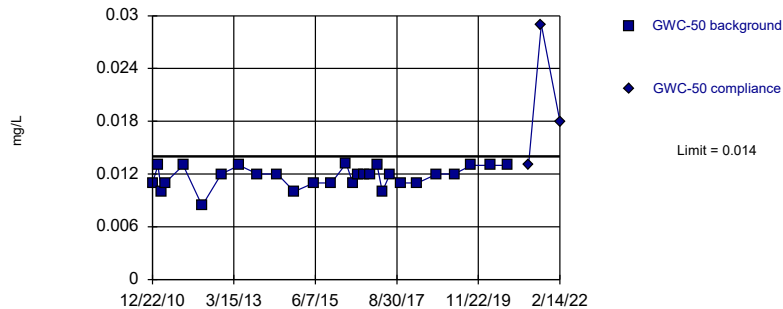


Background Data Summary: Mean=0.01603, Std. Dev.=0.001661, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9382, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

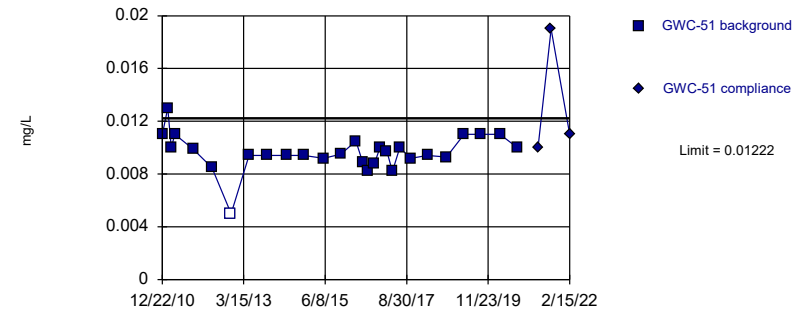


Background Data Summary (based on square transformation): Mean=0.0001382, Std. Dev.=0.00002671, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.902, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

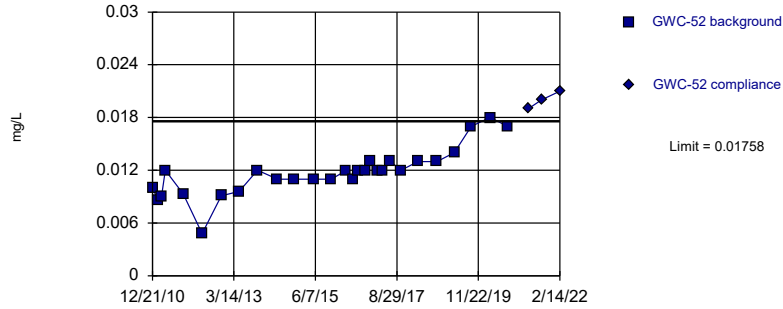


Background Data Summary (based on square transformation): Mean=0.00009473, Std. Dev.=0.00002527, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01176, Std. Dev.=0.00269, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9249, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

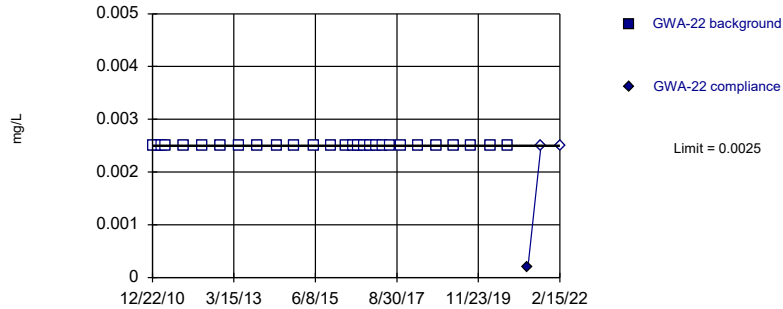


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 7.143% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

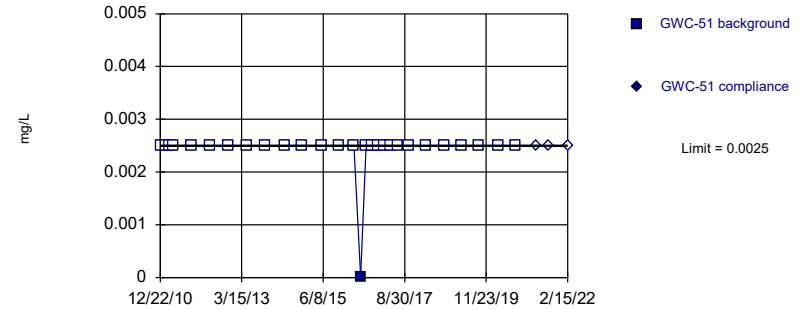


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Beryllium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

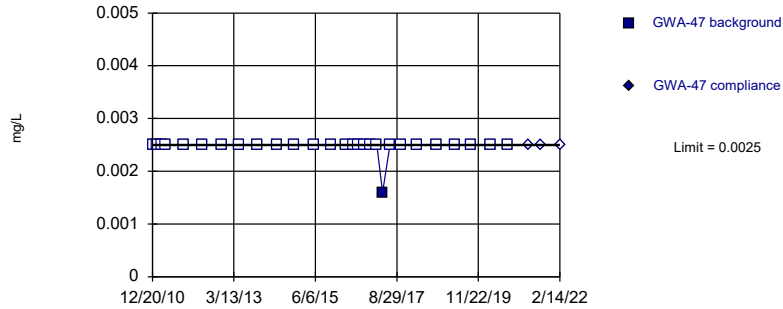


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Beryllium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

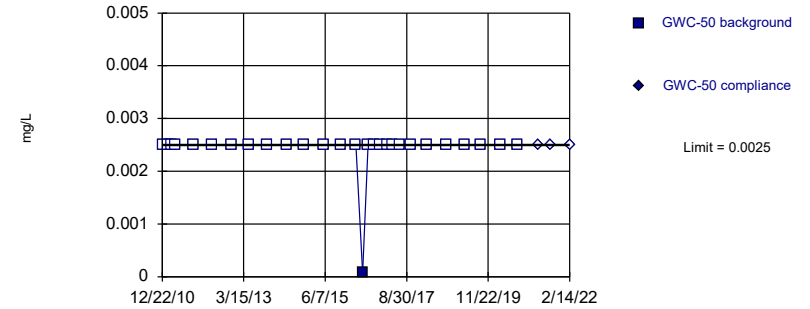


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cadmium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

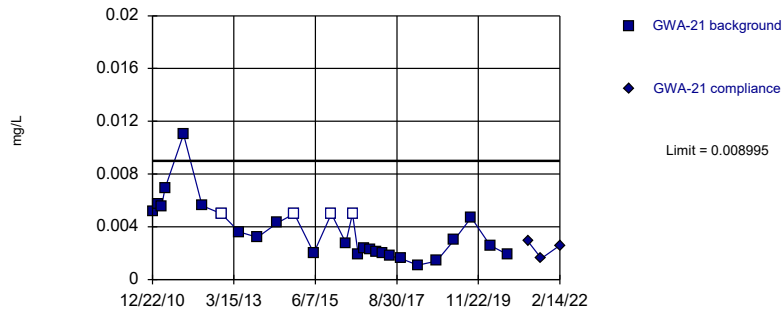


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cadmium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

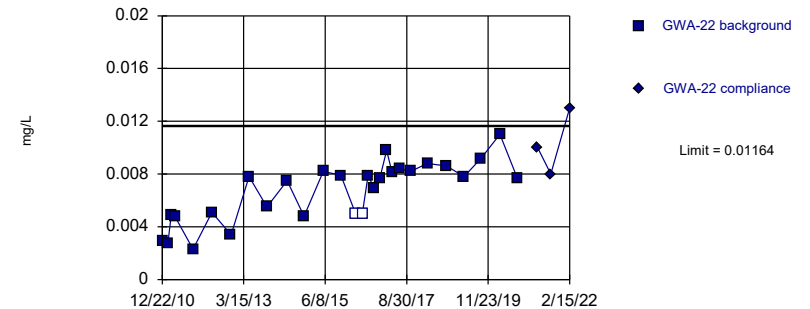


Background Data Summary (based on square root transformation): Mean=0.05889, Std. Dev.=0.01663, n=28, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9352, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

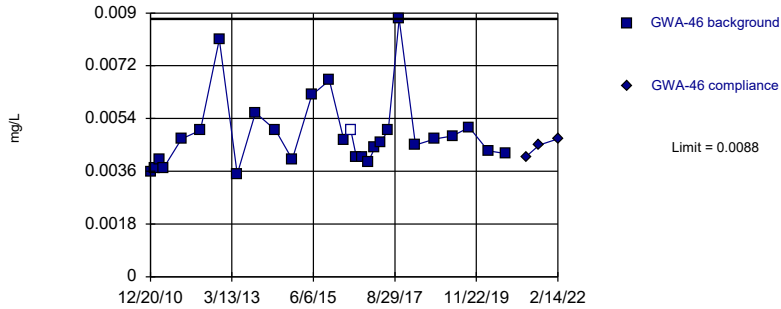


Background Data Summary: Mean=0.006711, Std. Dev.=0.002282, n=28, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9315, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

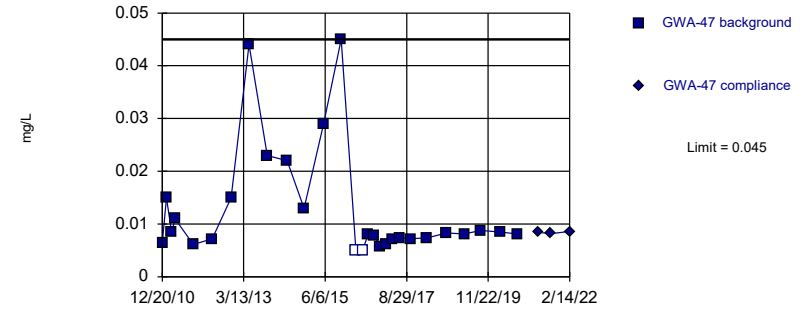


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 3.571% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

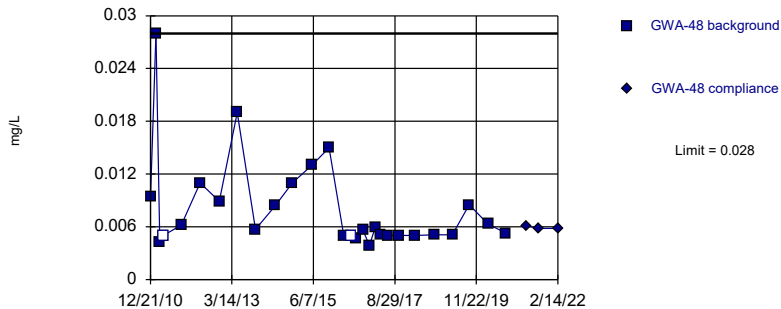


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 7.143% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

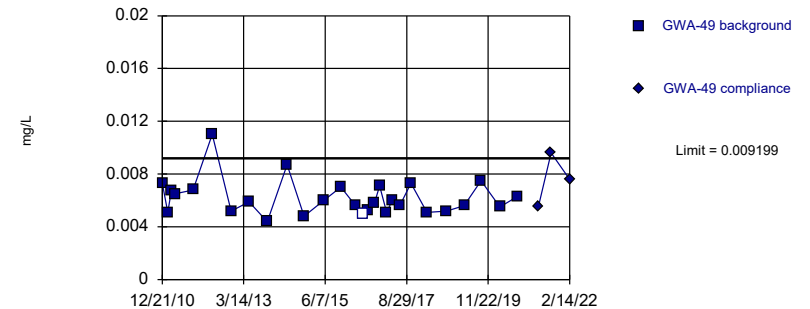


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 7.143% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

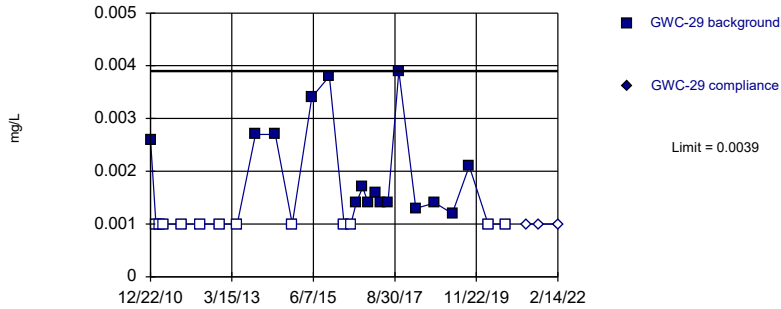


Background Data Summary (based on square root transformation): Mean=0.07829, Std. Dev.=0.008154, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8979, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

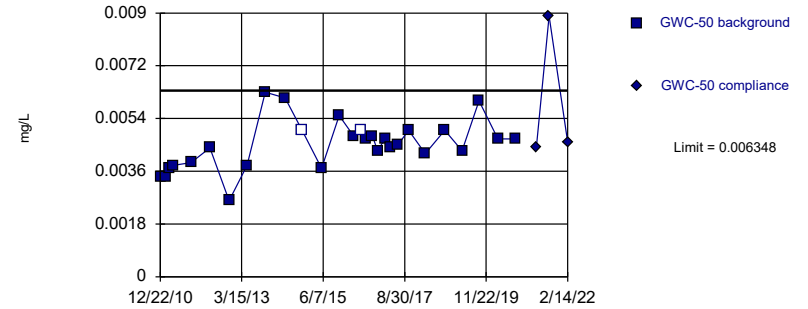


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

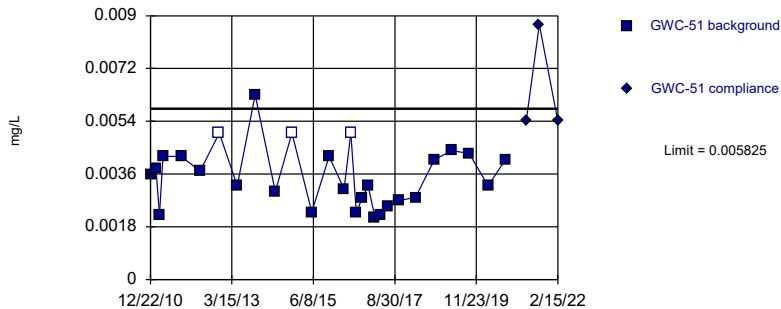


Background Data Summary: Mean=0.004525, Std. Dev.=0.0008434, n=28, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9702, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

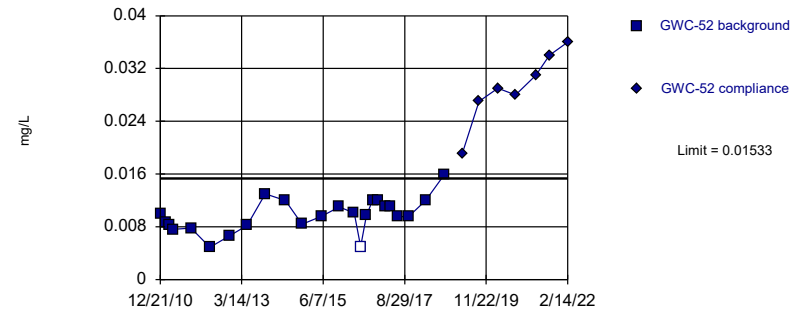


Background Data Summary: Mean=0.003553, Std. Dev.=0.001051, n=28, 10.71% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.945, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

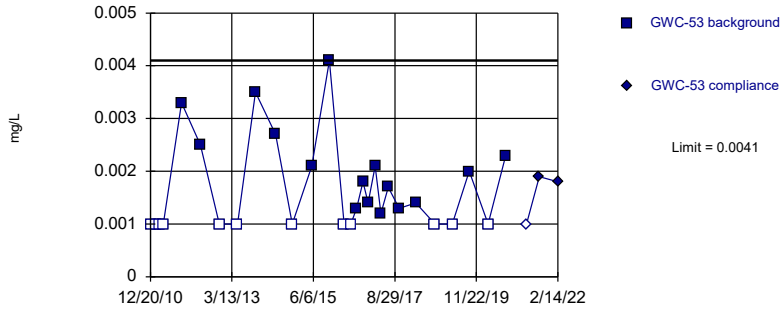


Background Data Summary: Mean=0.00975, Std. Dev.=0.002526, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.884. Kappa = 2.211 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

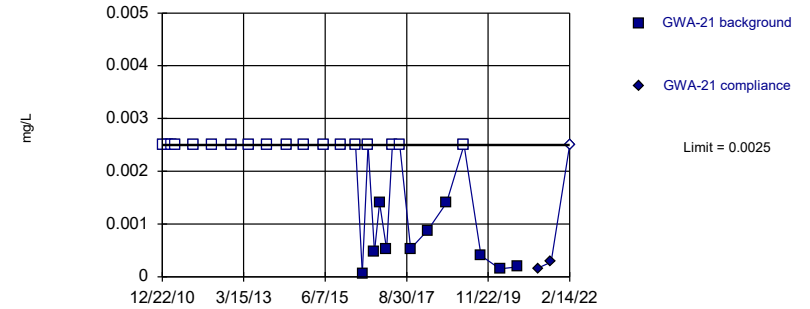


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

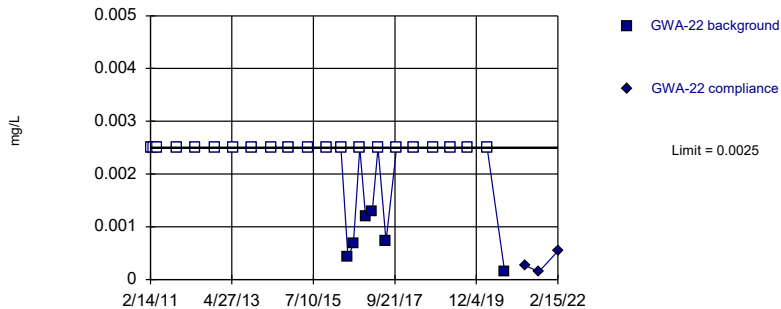


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

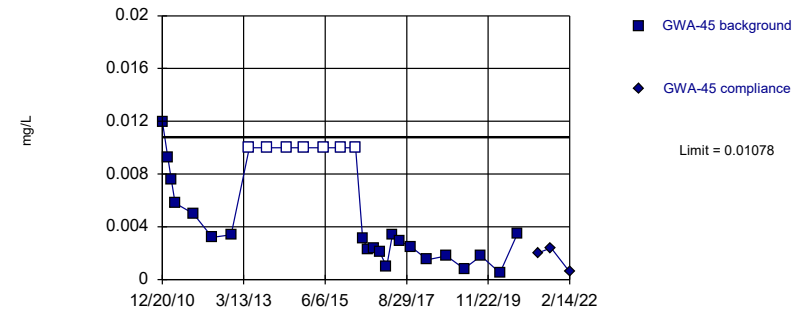


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

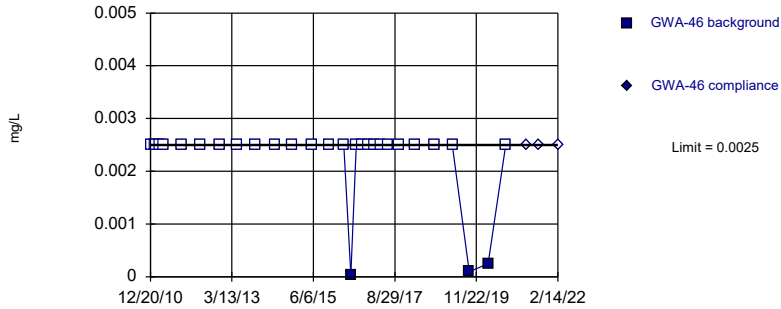


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1408, Std. Dev.=0.03707, n=28, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

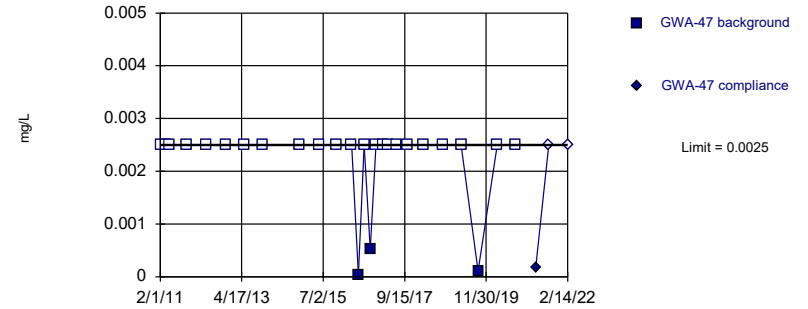


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

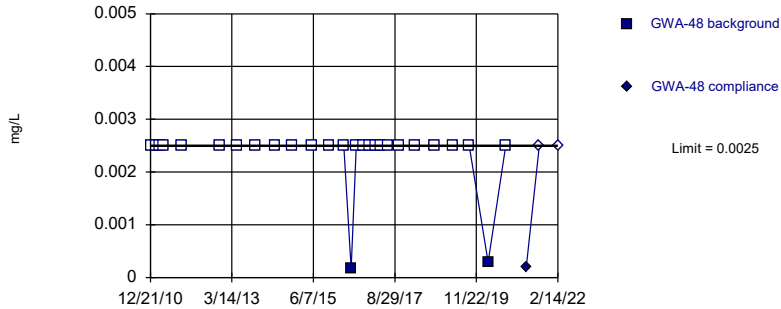


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

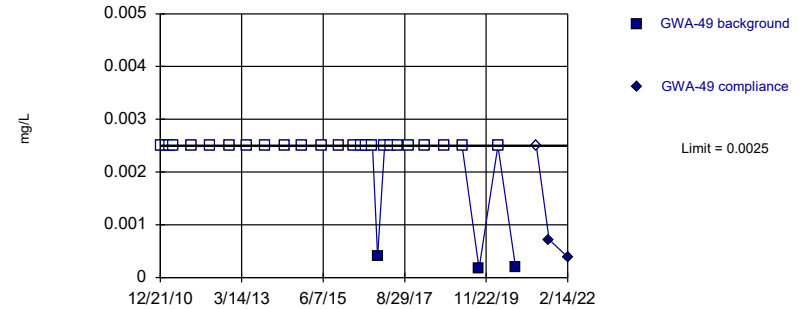


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

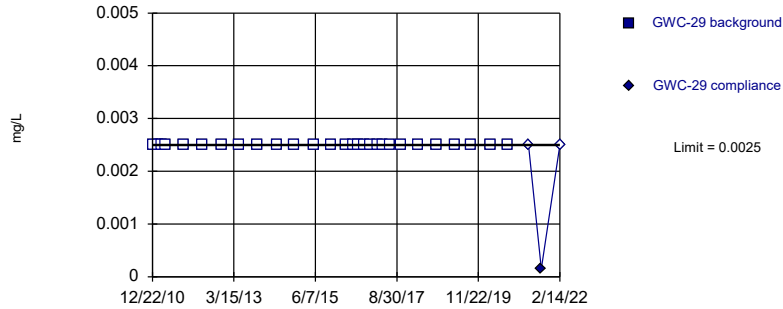


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

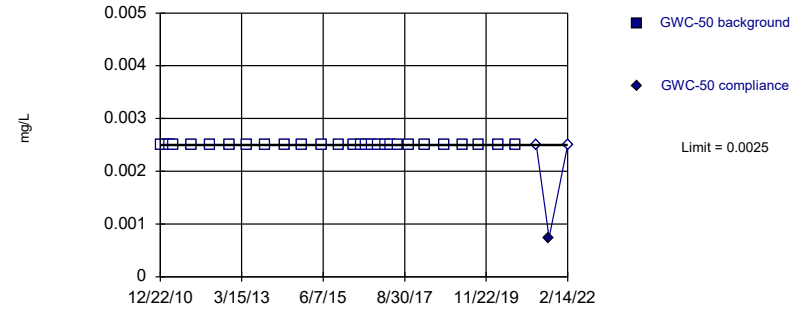


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

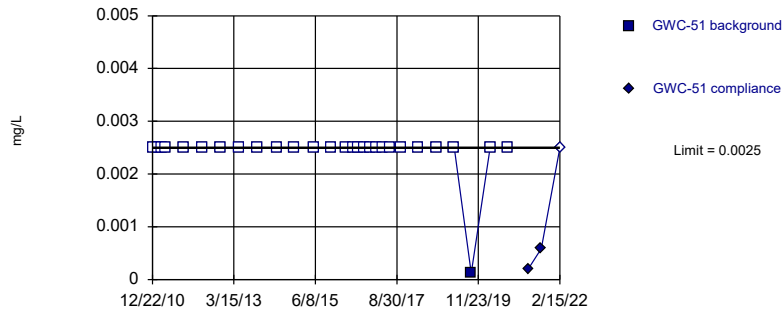


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

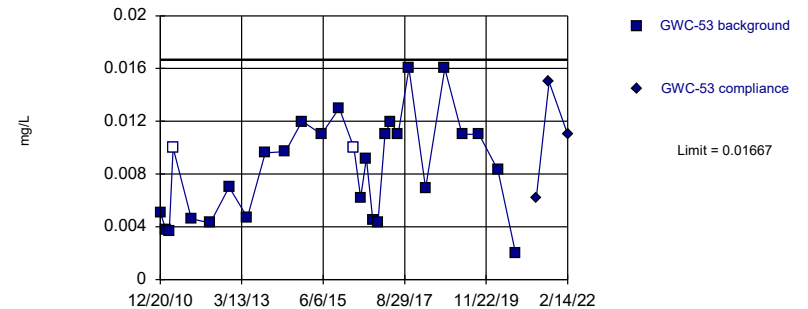


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

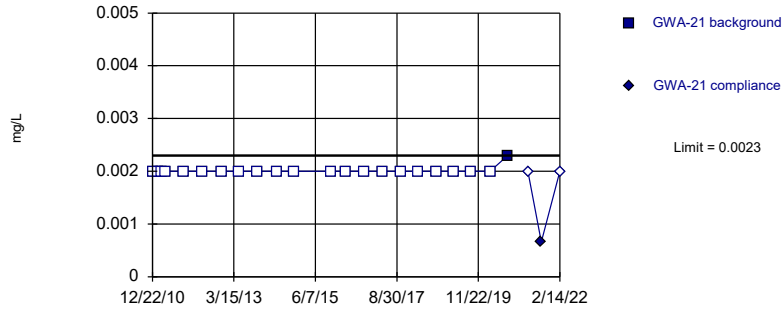


Background Data Summary: Mean=0.008496, Std. Dev.=0.003782, n=28, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9427, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

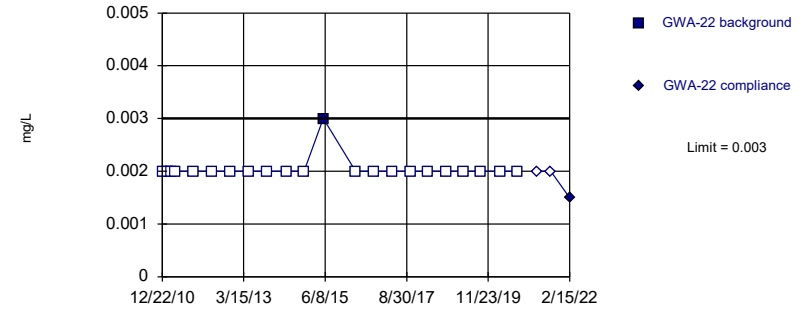


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

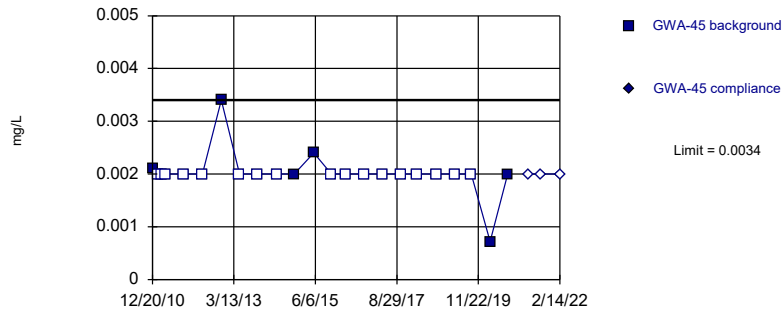


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

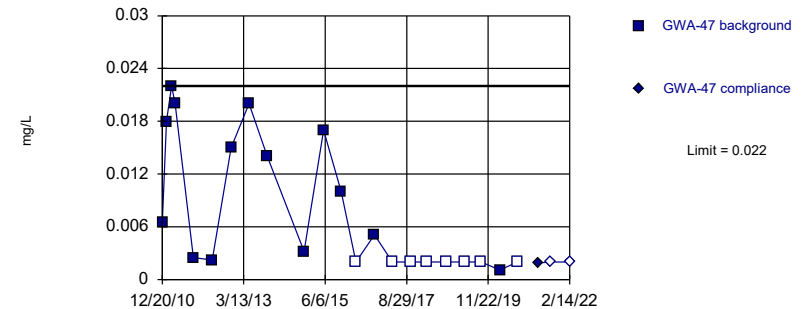


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

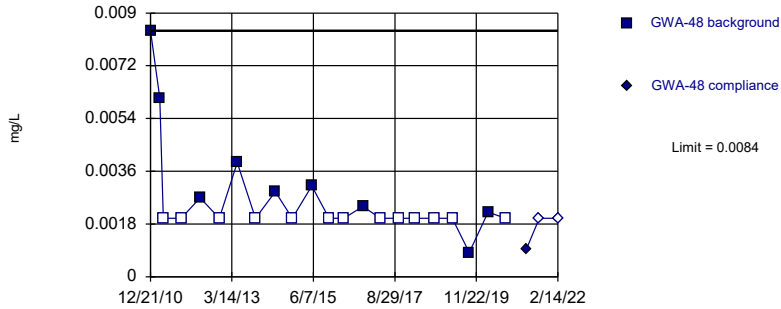


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 36.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

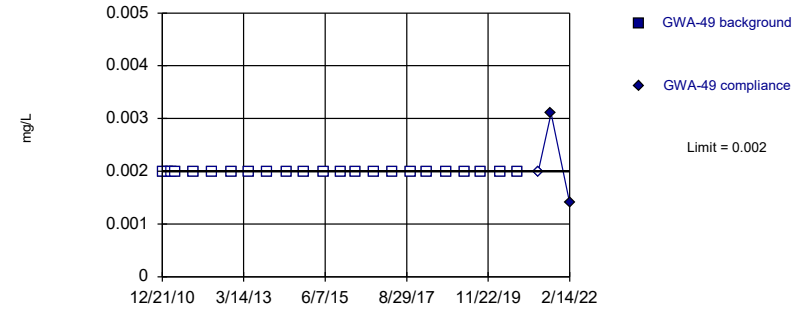


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

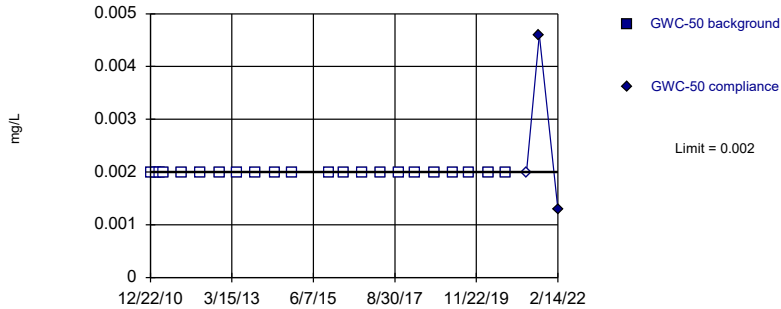


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

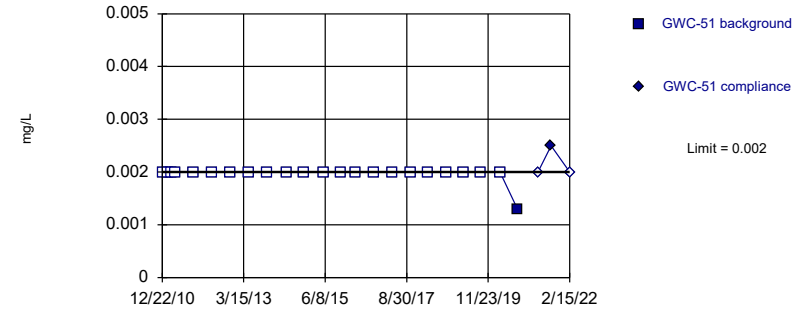


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

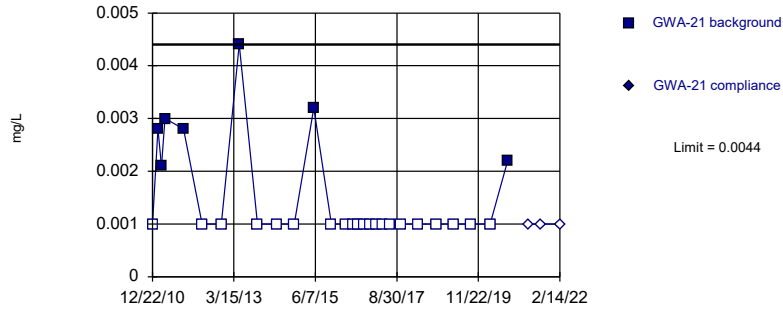


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

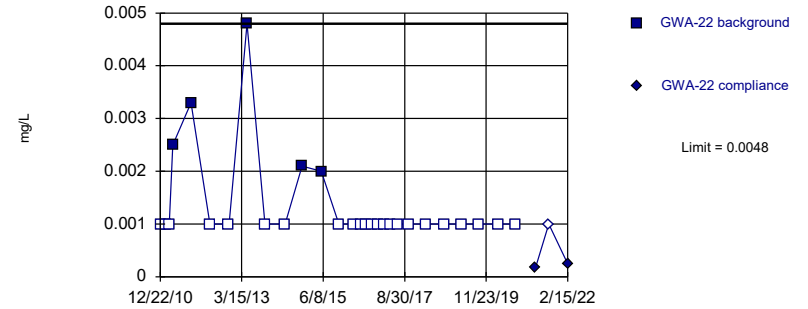


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

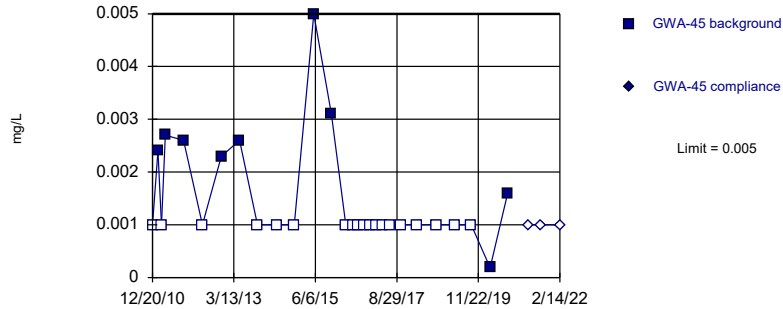


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

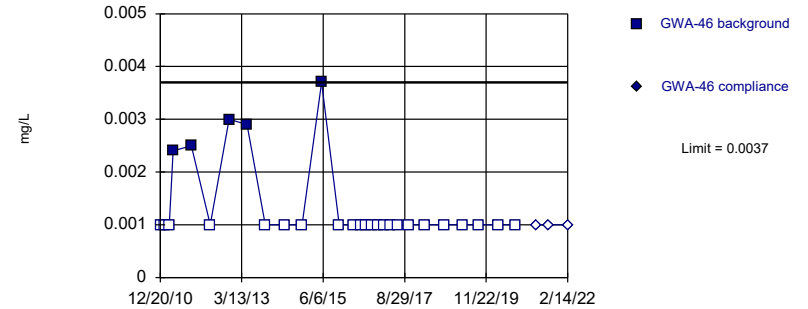


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

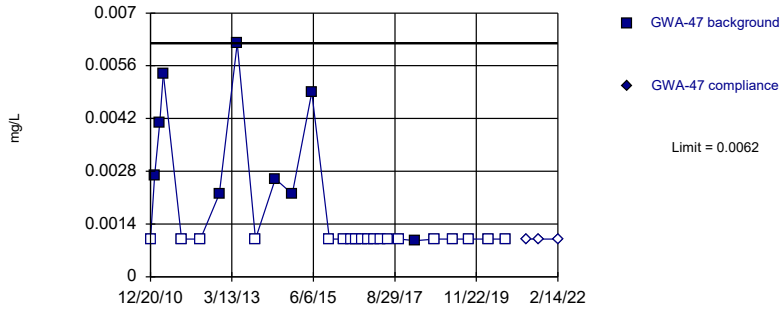


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

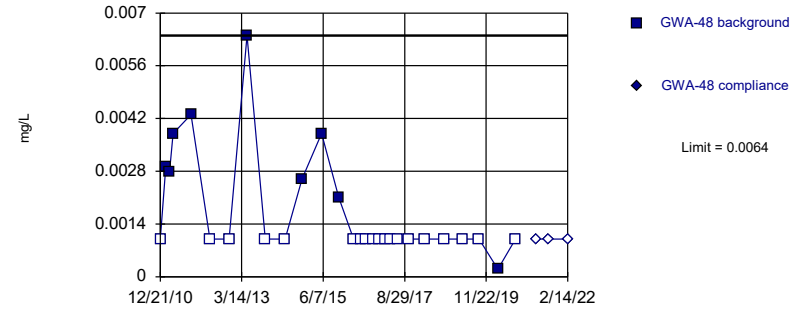


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

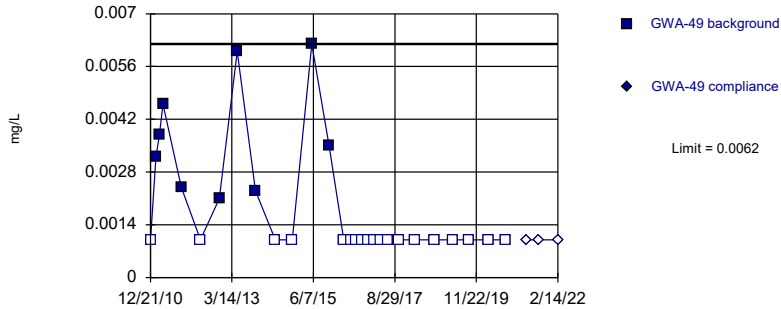


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

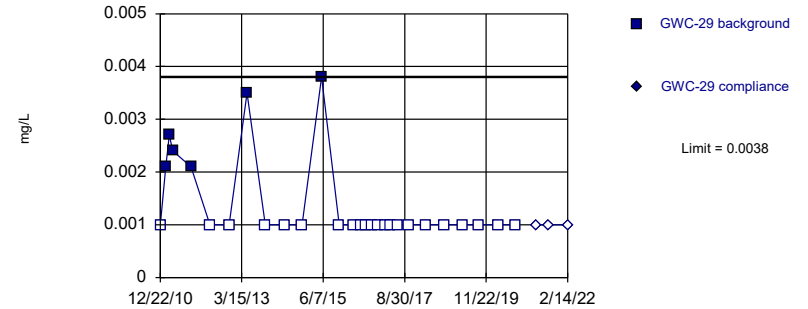


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

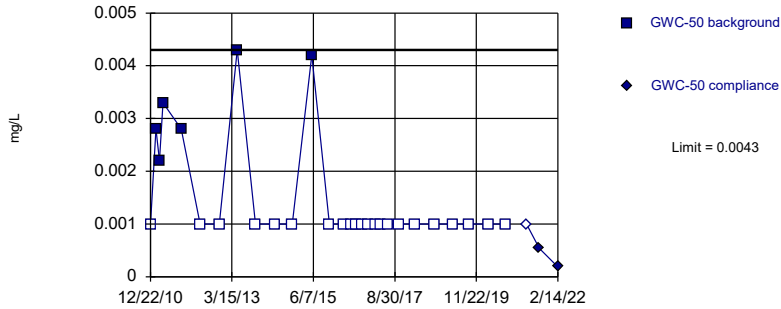


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

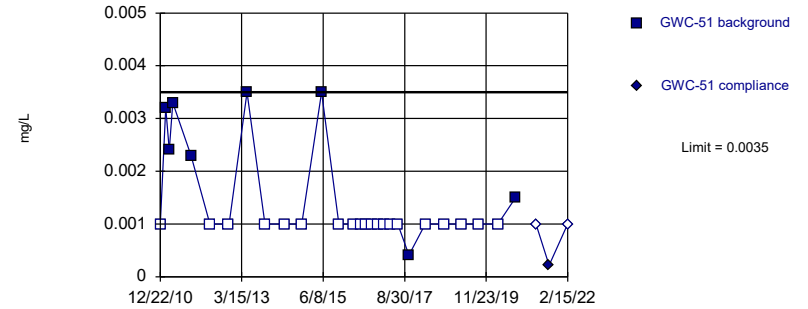


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

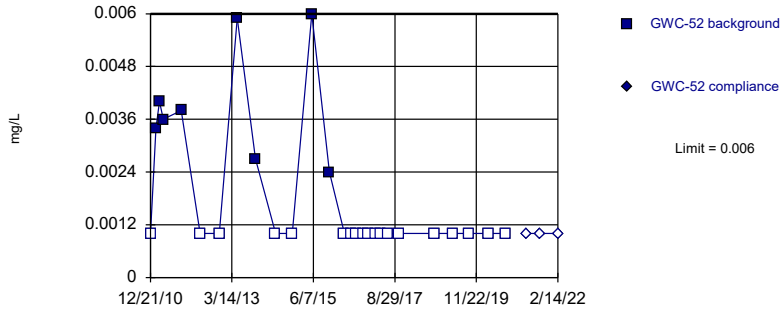


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

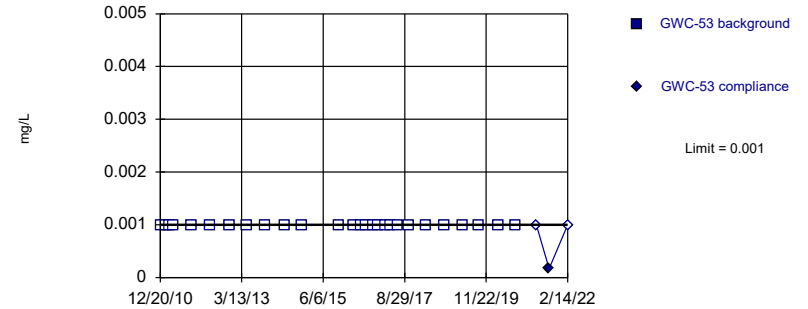


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 70.37% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

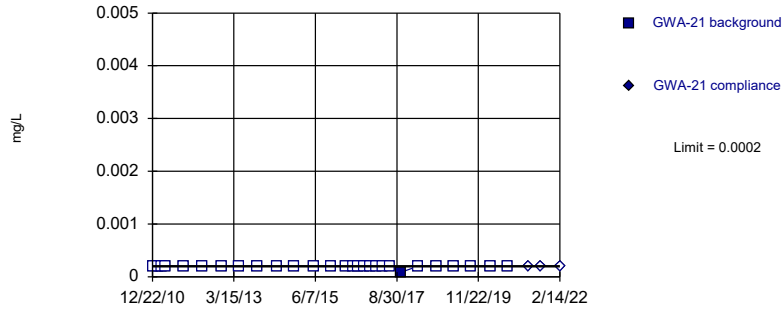


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 27) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

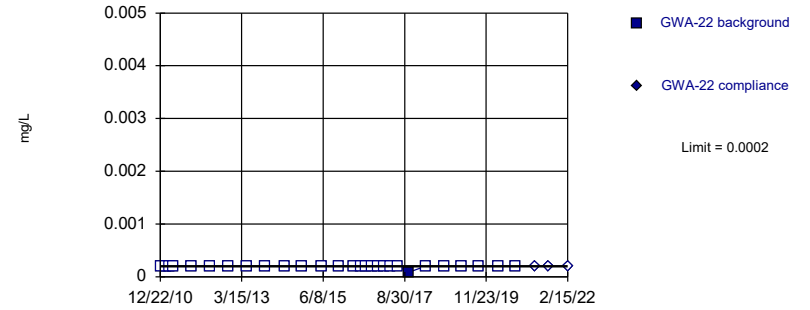


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

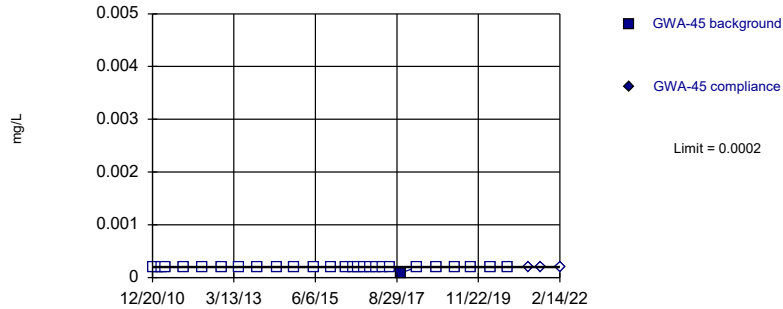


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

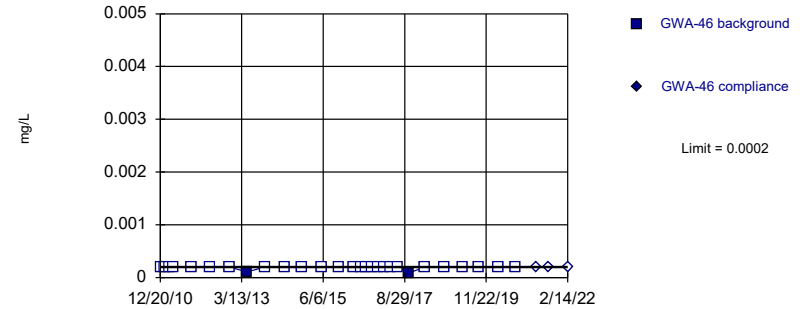


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

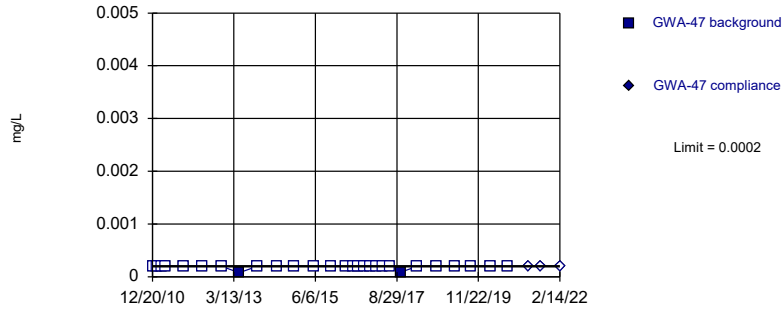


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

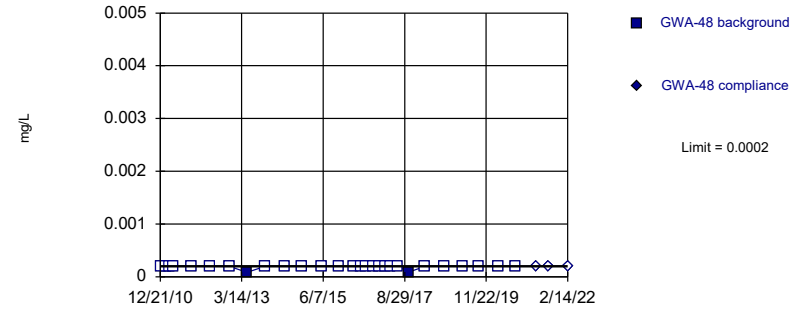


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

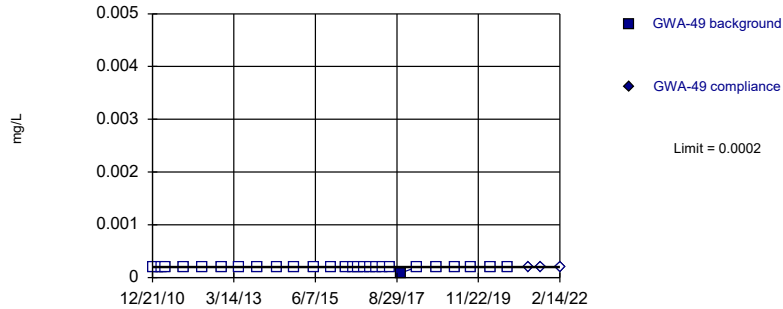


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

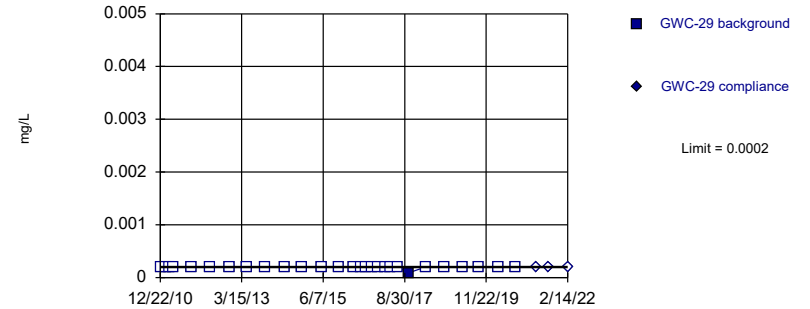


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

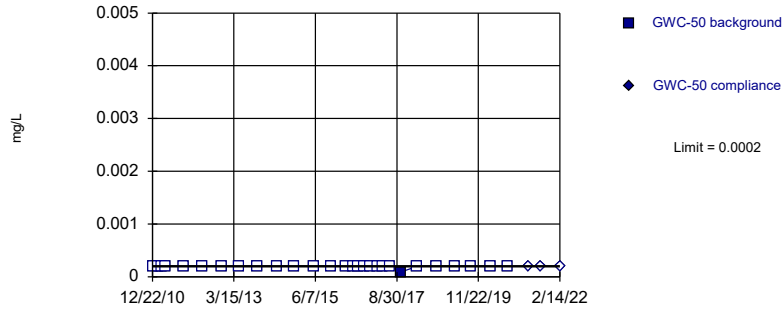


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

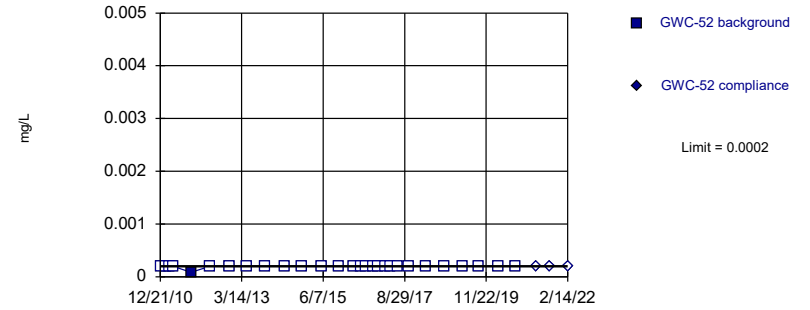


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

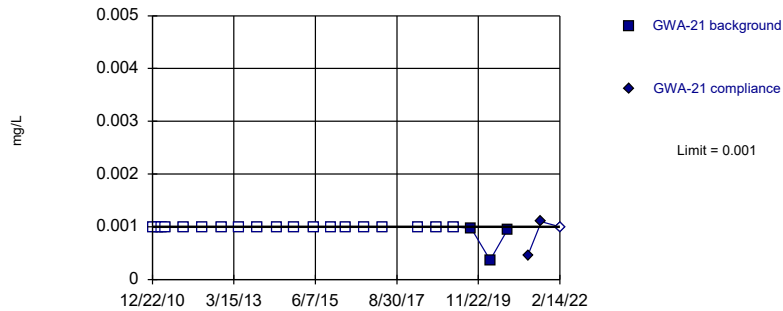


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

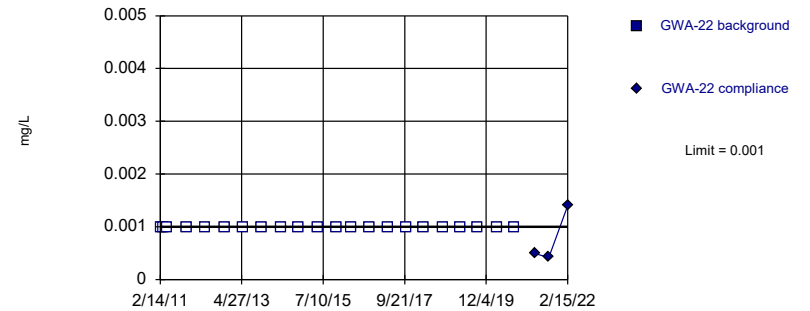


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

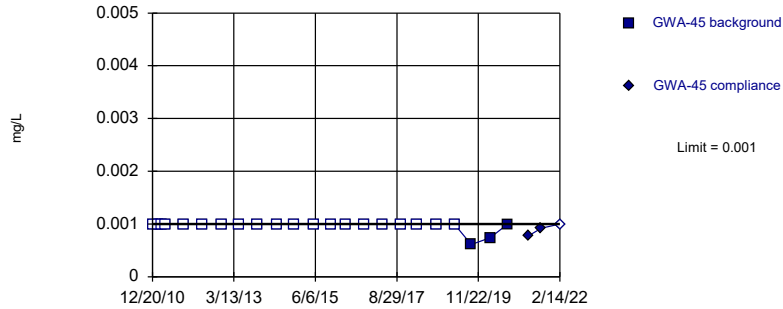


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

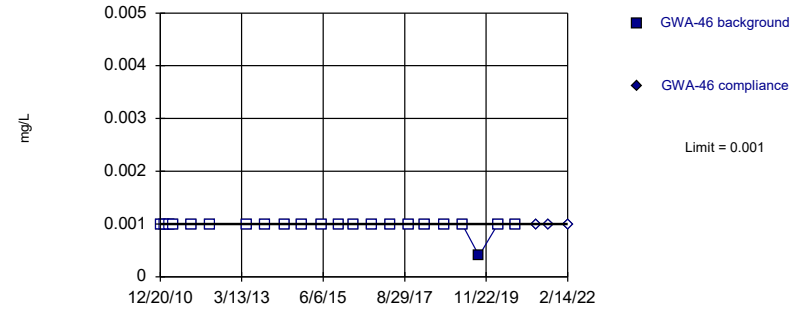


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

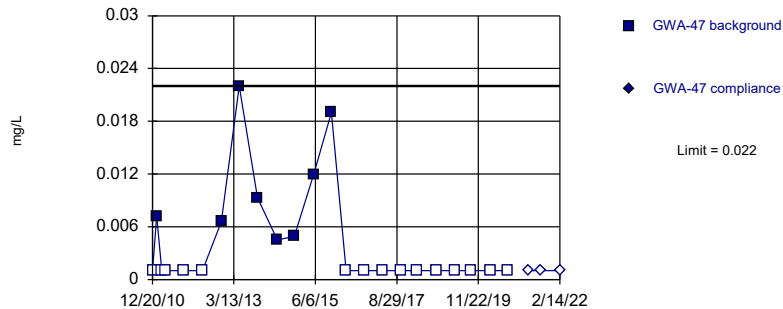


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

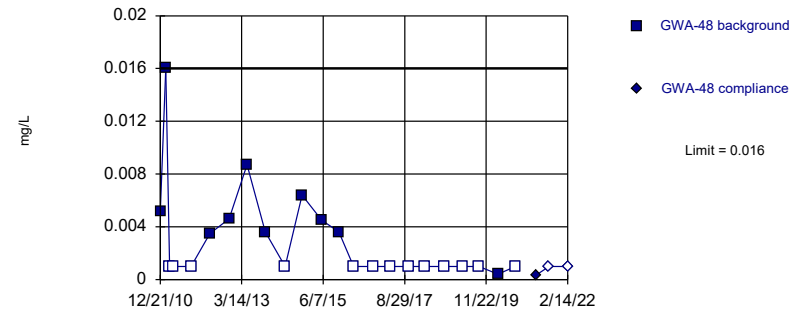


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

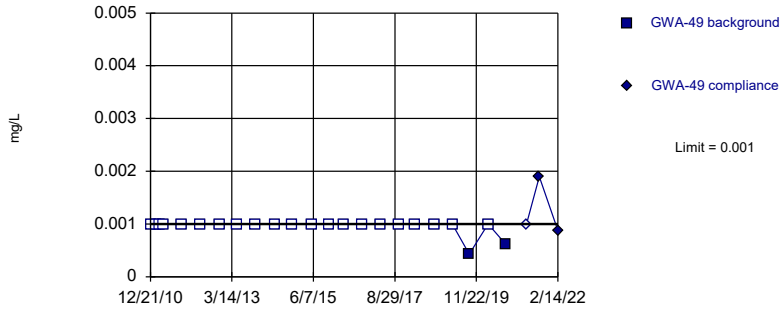


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

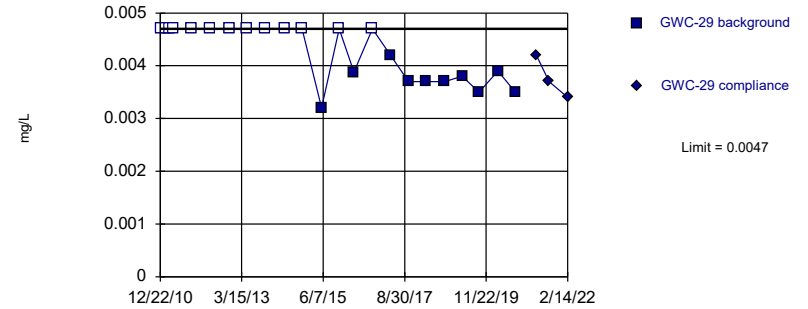


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

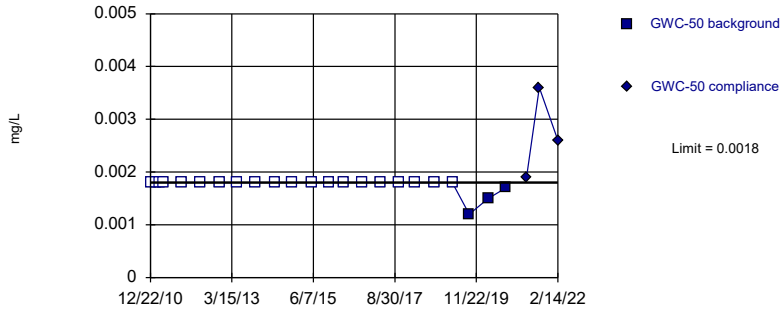


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

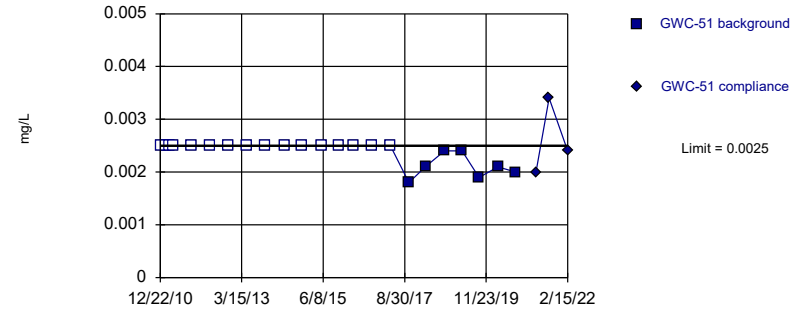


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

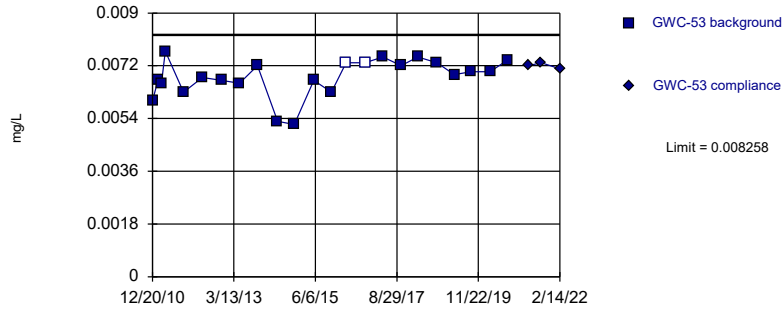


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

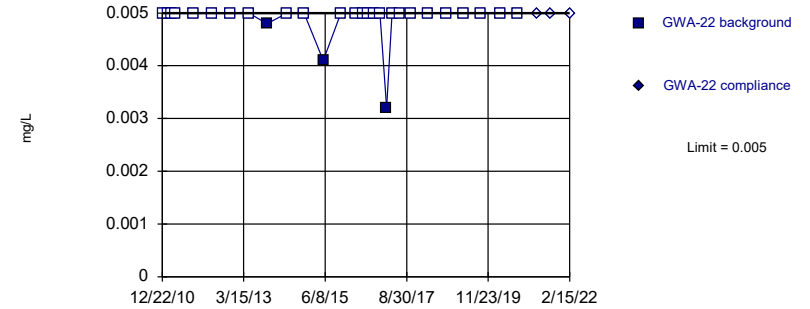


Background Data Summary: Mean=0.006804, Std. Dev.=0.0006526, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9035, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

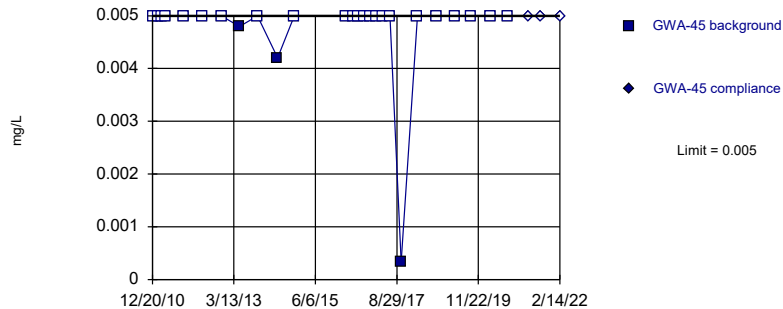


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

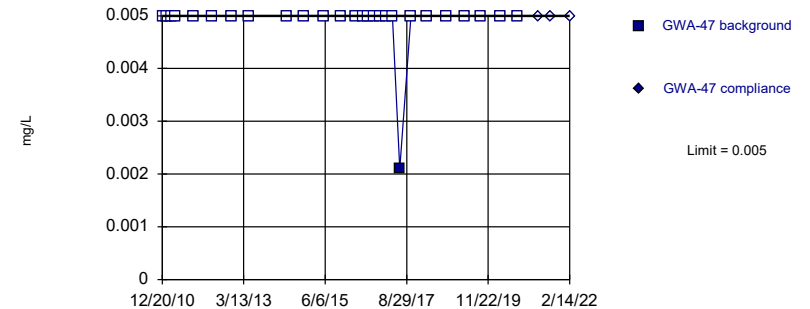


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

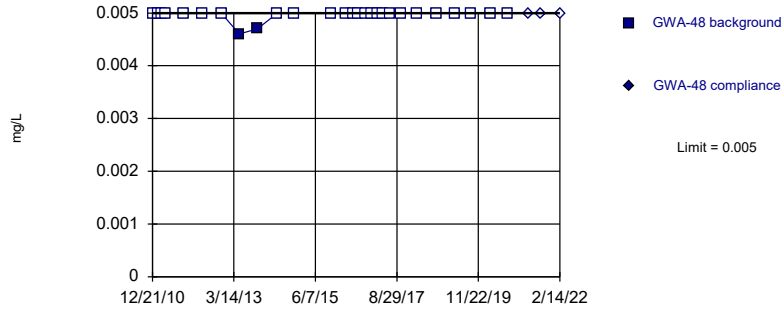


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

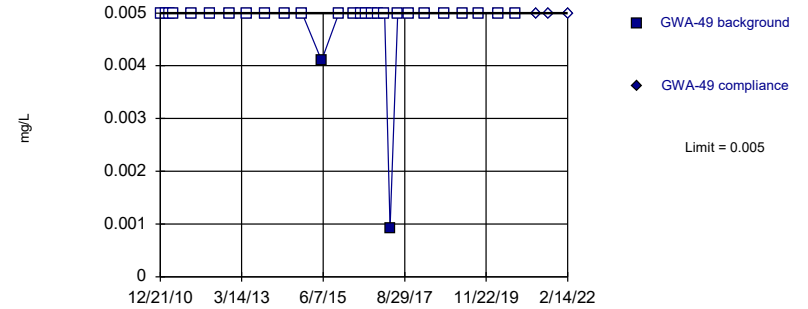


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

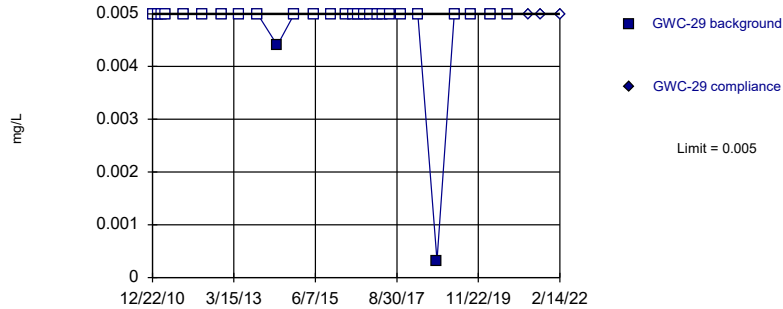


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

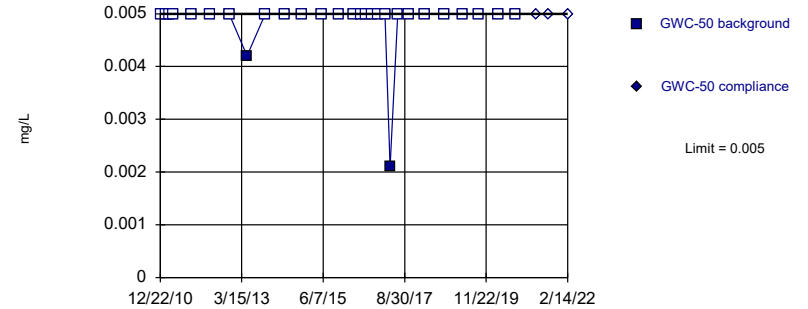


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

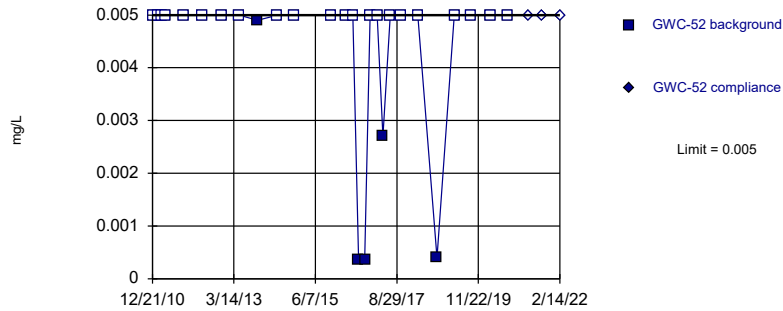


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

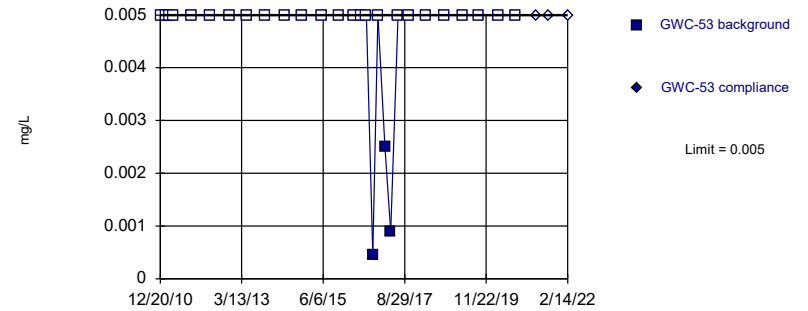


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 81.48% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

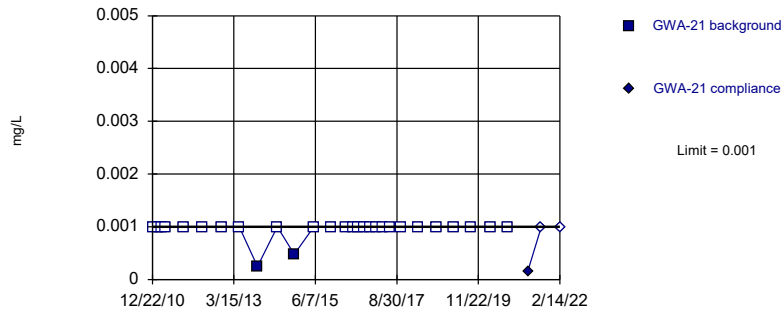


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

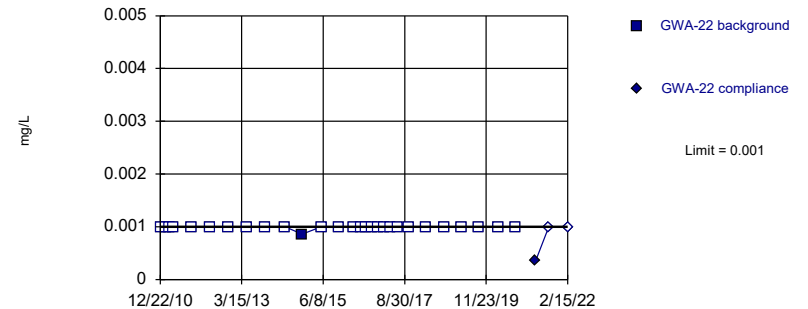


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

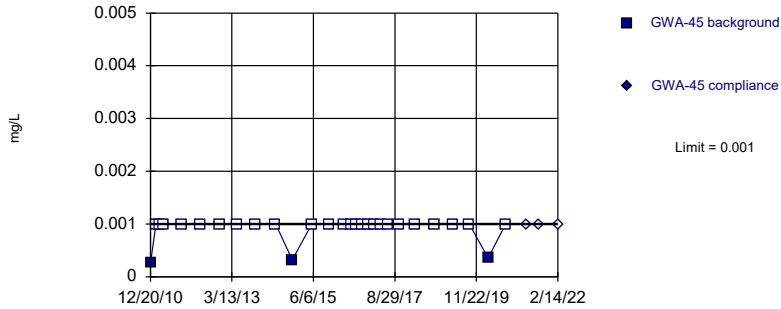


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

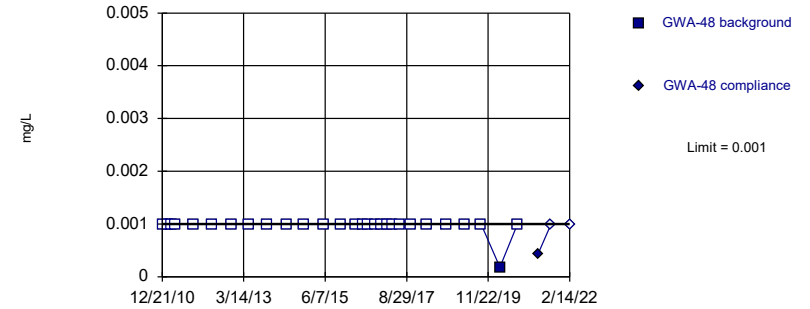


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

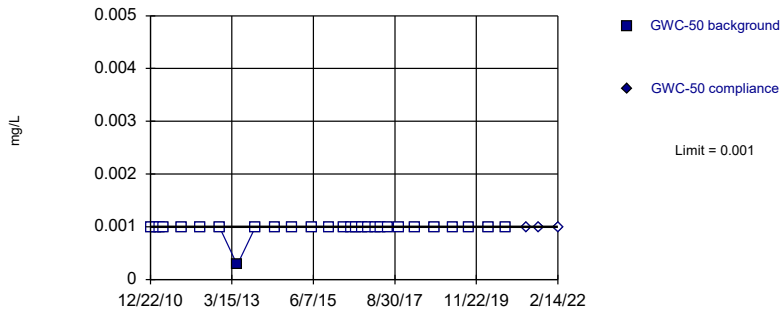


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

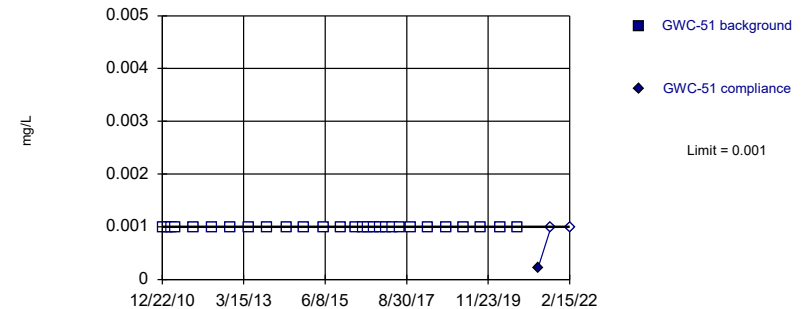


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

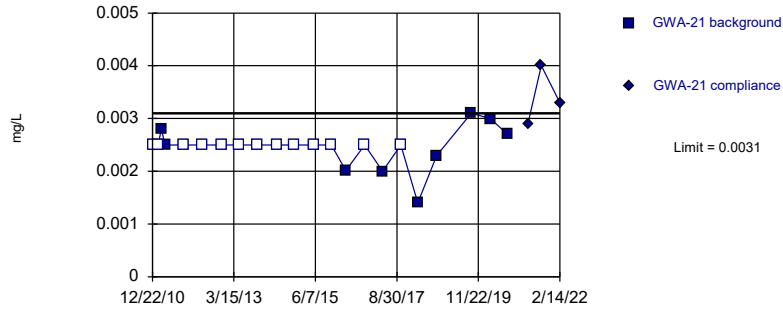


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

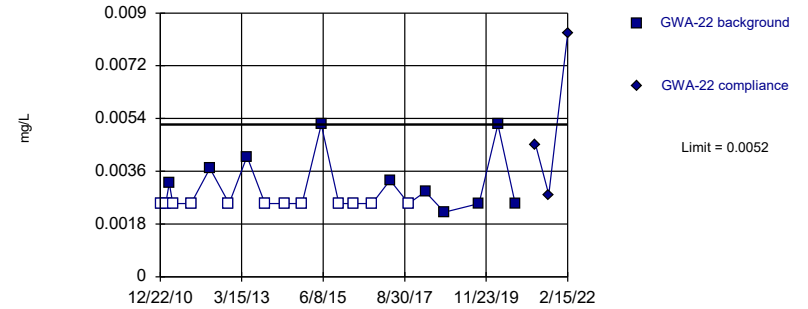


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

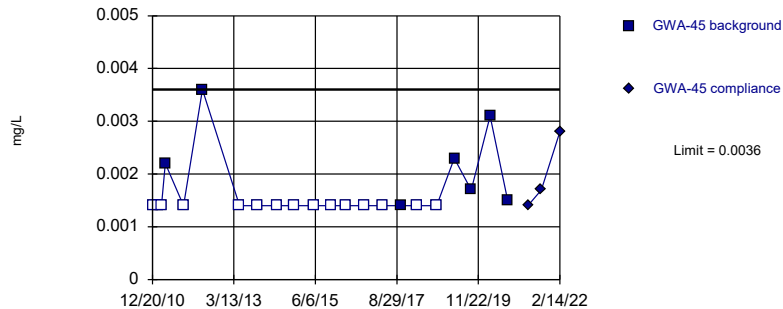


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

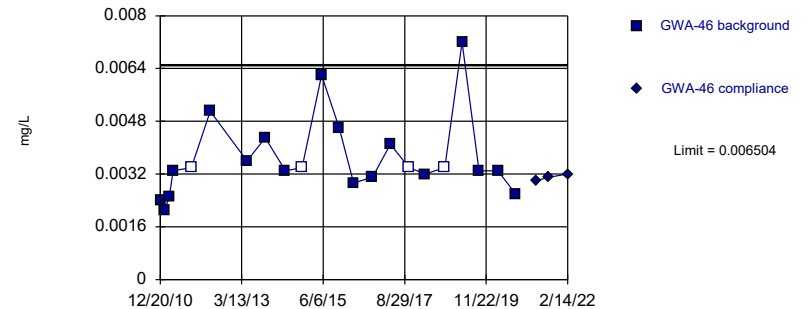


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

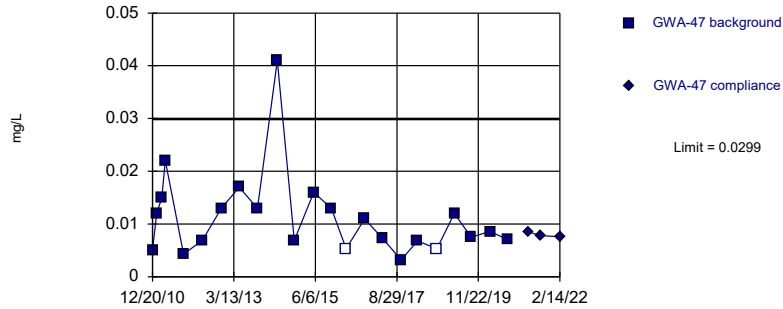


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05801, Std. Dev.=0.01008, n=22, 18.18% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8906, critical = 0.878. Kappa = 2.244 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

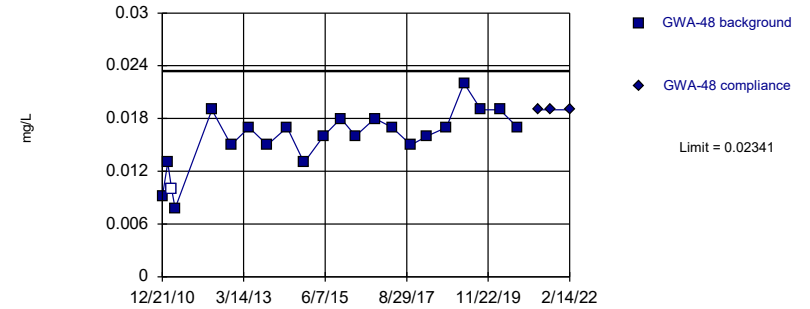


Background Data Summary (based on square root transformation): Mean=0.0104, Std. Dev.=0.03211, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8922, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

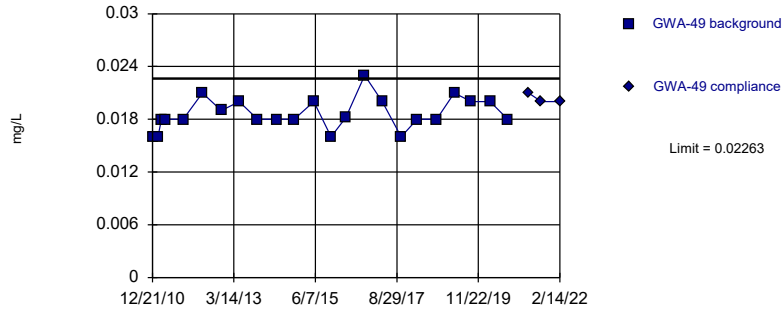


Background Data Summary: Mean=0.01572, Std. Dev.=0.003424, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9221, critical = 0.878. Kappa = 2.244 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

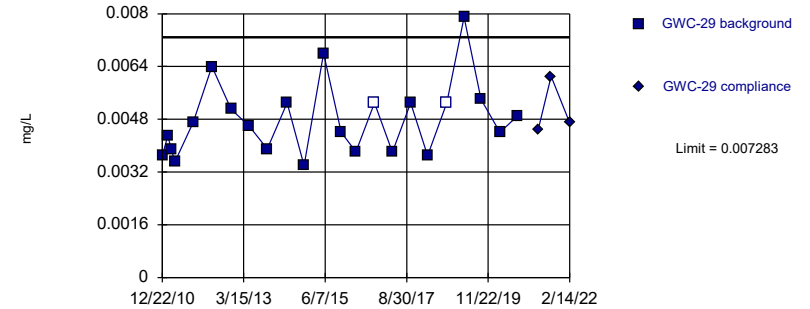


Background Data Summary: Mean=0.01862, Std. Dev.=0.0018, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

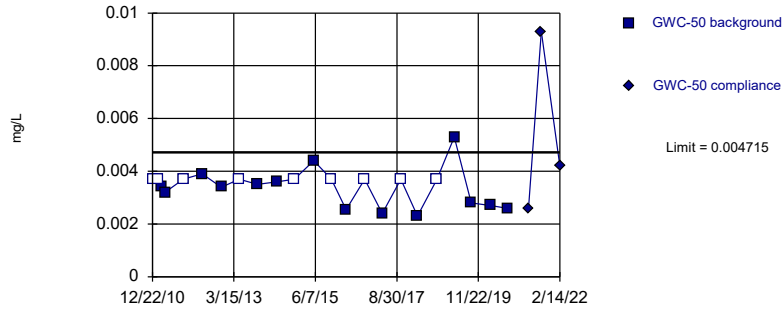


Background Data Summary: Mean=0.004774, Std. Dev.=0.001126, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8977, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

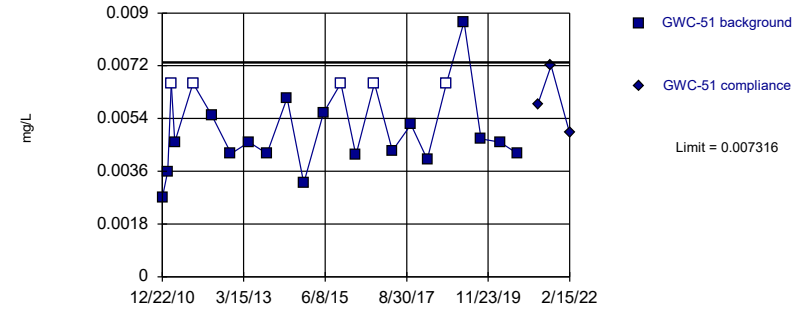


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003096, Std. Dev.=0.0007265, n=23, 39.13% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8898, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

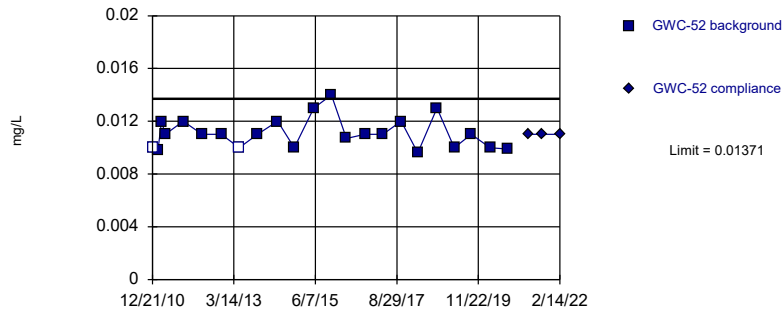


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004446, Std. Dev.=0.001288, n=23, 21.74% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.939, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

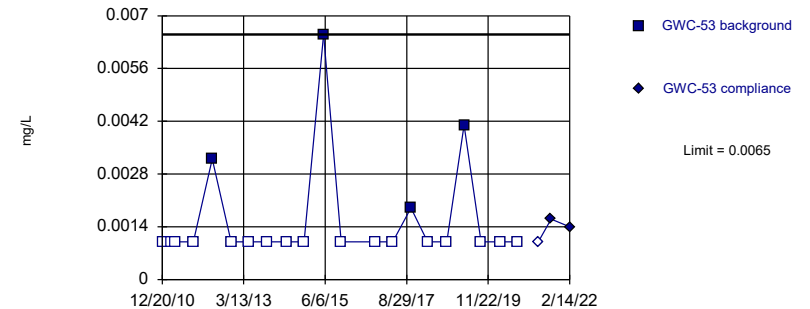


Background Data Summary: Mean=0.01109, Std. Dev.=0.001178, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.896, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

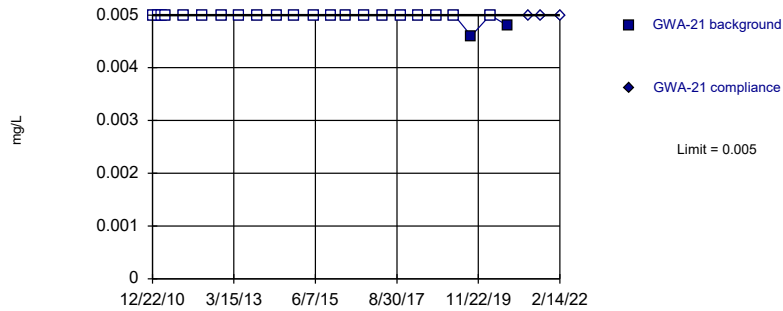


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

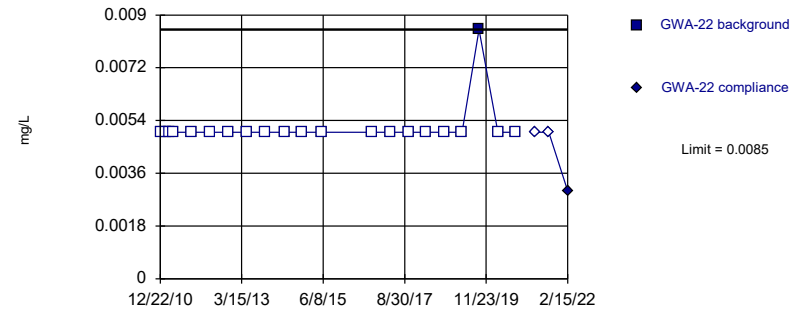


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

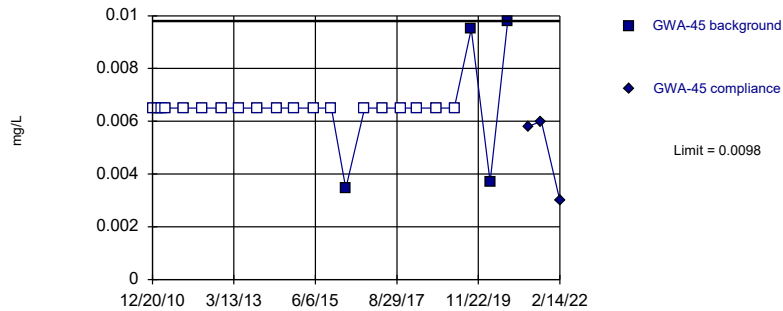


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

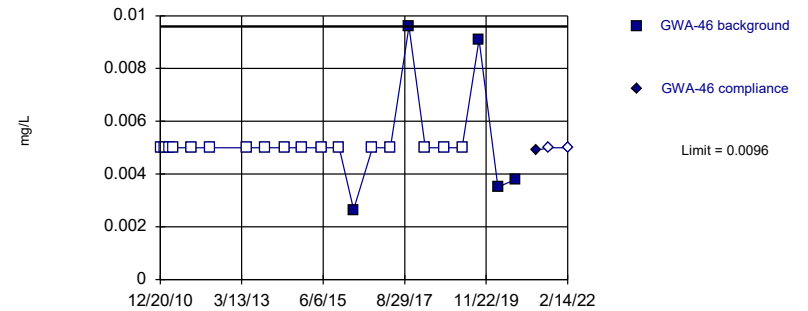


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

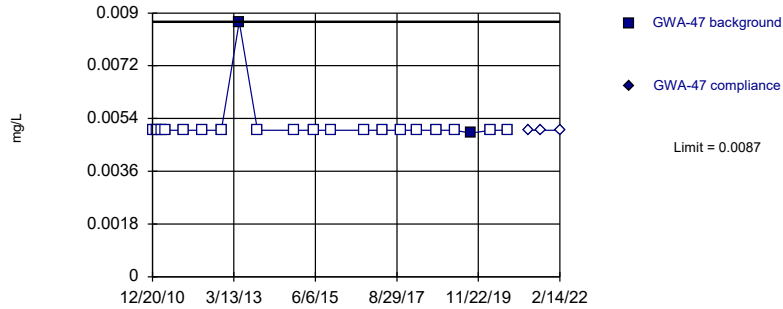


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 77.27% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

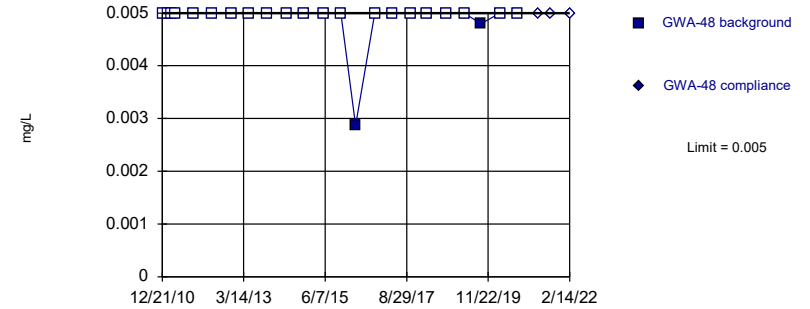


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

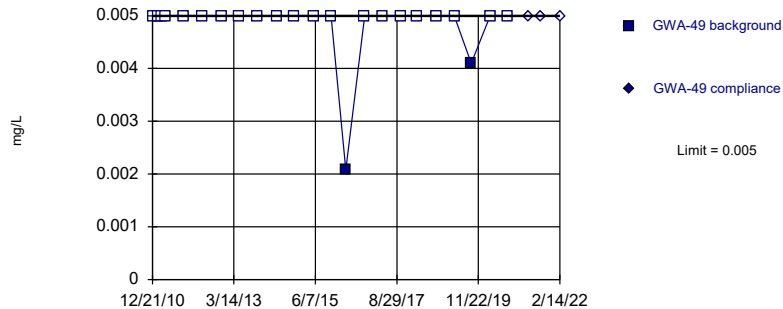


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

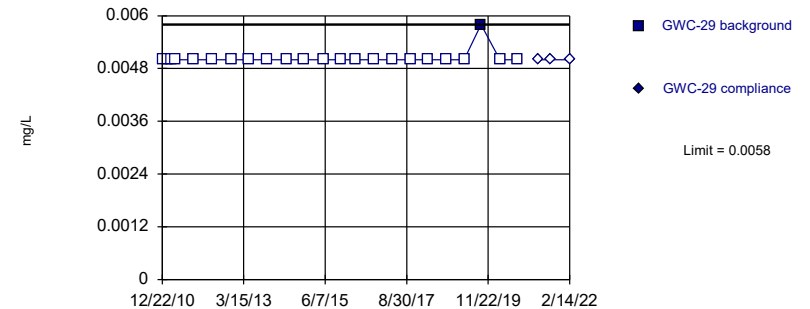


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

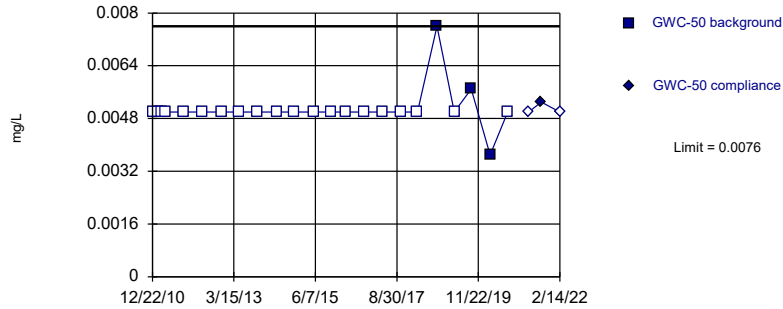


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

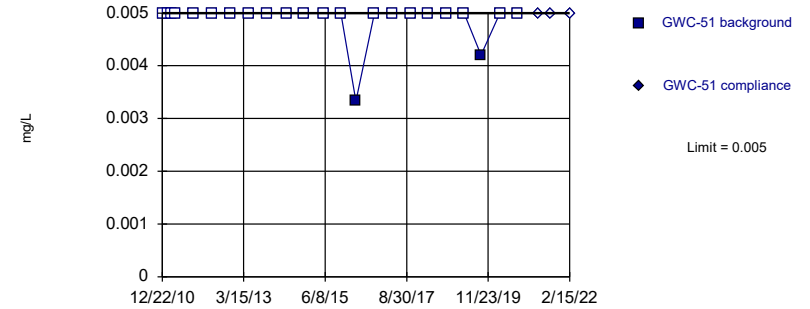


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

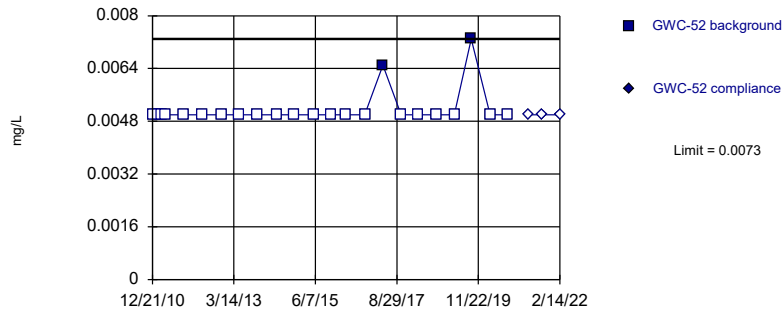


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

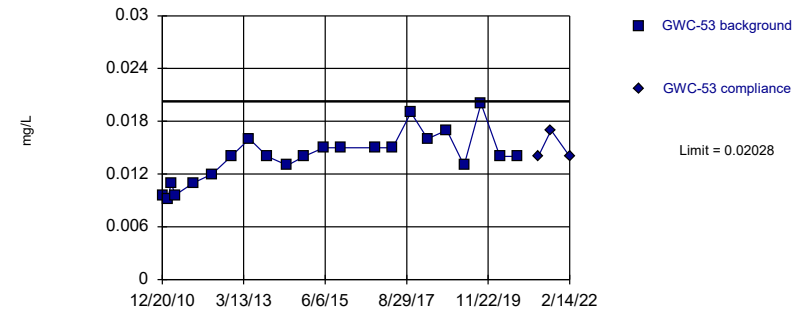


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01392, Std. Dev.=0.002833, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.958, critical = 0.878. Kappa = 2.244 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	0.0015	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/2/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		0.00031 (J)
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	0.00053	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	0.0013	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	0.00052	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	0.0011	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	0.026 (J)	
2/14/2011	0.022 (J)	
3/22/2011	0.02 (J)	
4/26/2011	0.019 (J)	
10/27/2011	0.021	
5/1/2012	0.017	
11/8/2012	0.023	
5/7/2013	0.021	
11/4/2013	0.018	
5/24/2014	0.022	
11/8/2014	0.02	
5/21/2015	0.022	
11/13/2015	0.025	
4/6/2016	0.0239	
6/14/2016	0.021	
8/10/2016	0.019	
10/11/2016	0.02	
12/2/2016	0.022	
2/10/2017	0.03	
4/10/2017	0.025	
6/23/2017	0.026	
10/9/2017	0.025	
3/26/2018	0.026	
10/3/2018	0.00049 (O)	
3/27/2019	0.024	
9/12/2019	0.025	
3/19/2020	0.027	
9/10/2020	0.023	
4/2/2021		0.02
8/12/2021		0.023
2/14/2022		0.024

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.028 (J)	
2/14/2011	0.025 (J)	
3/22/2011	0.029 (J)	
4/26/2011	0.031 (J)	
10/27/2011	0.027	
5/1/2012	0.022	
11/8/2012	0.024	
5/7/2013	0.027	
11/4/2013	0.024	
5/24/2014	0.025	
11/8/2014	0.023	
5/21/2015	0.023	
11/13/2015	0.023	
4/8/2016	0.0244	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.022	
12/5/2016	0.025	
2/10/2017	0.026	
4/7/2017	0.021	
6/26/2017	0.028	
10/9/2017	0.021	
3/26/2018	0.022 (D)	
10/3/2018	0.022	
3/27/2019	0.022	
9/12/2019	0.023	
3/19/2020	0.024	
9/10/2020	0.022	
4/2/2021		0.023
8/12/2021		0.024
2/15/2022		0.032

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.024 (J)	
2/14/2011	0.023 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.019 (J)	
10/26/2011	0.023	
5/1/2012	0.014	
11/8/2012	0.034	
5/8/2013	0.016	
11/4/2013	0.014	
5/24/2014	0.027	
11/7/2014	0.03	
5/20/2015	0.029	
11/13/2015	0.041	
4/7/2016	0.0381	
6/14/2016	0.034	
8/9/2016	0.032	
10/10/2016	0.037	
12/2/2016	0.038	
2/9/2017	0.048	
4/7/2017	0.045	
6/22/2017	0.049	
10/10/2017	0.044	
3/22/2018	0.0495 (D)	
10/3/2018	0.042	
3/27/2019		0.057
9/12/2019	0.1 (L)	
12/2/2019	0.11 (RL)	
3/19/2020	0.11 (L)	
9/11/2020	0.15 (L)	
4/2/2021		0.11 (L)
8/12/2021		0.091
2/14/2022		0.077

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	0.019 (J)	
2/1/2011	0.017 (J)	
3/21/2011	0.019 (J)	
4/26/2011	0.02 (J)	
10/27/2011	0.018	
5/2/2012	0.017	
11/8/2012	0.048 (O)	
5/7/2013	0.02	
11/4/2013	0.019	
5/24/2014	0.019	
11/7/2014	0.019	
5/20/2015	0.018	
11/13/2015	0.02	
4/7/2016	0.0207	
6/14/2016	0.019	
8/9/2016	0.017	
10/10/2016	0.02	
12/2/2016	0.02	
2/10/2017	0.018	
4/7/2017	0.02	
6/23/2017	0.021	
10/10/2017	0.018	
3/23/2018	0.02	
10/4/2018	0.019	
3/27/2019	0.021	
9/12/2019	0.022	
3/19/2020	0.023	
9/11/2020	0.022	
4/5/2021		0.022
8/12/2021		0.023
2/14/2022		0.024

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.029 (J)	
2/1/2011	0.038 (J)	
3/23/2011	0.045 (J)	
4/27/2011	0.043 (J)	
10/26/2011	0.023	
5/1/2012	0.021	
11/8/2012	0.038	
5/7/2013	0.042	
11/5/2013	0.039	
5/23/2014	0.088 (O)	
11/7/2014	0.027	
5/21/2015	0.036	
11/12/2015	0.038	
4/8/2016	0.0261	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.03	
12/5/2016	0.026	
2/10/2017	0.023	
4/7/2017	0.024	
6/22/2017	0.025	
10/10/2017	0.022	
3/22/2018	0.024	
10/5/2018	0.026	
3/27/2019	0.026	
9/12/2019	0.028	
3/20/2020	0.029	
9/11/2020	0.026	
4/5/2021		0.028
8/13/2021		0.026
2/14/2022		0.029

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.055 (O)	
2/14/2011	0.05 (O)	
3/23/2011	0.031 (J)	
4/27/2011	0.015 (J)	
10/25/2011	0.02	
5/1/2012	0.017	
11/8/2012	0.012	
5/7/2013	0.022	
11/5/2013	0.012	
5/23/2014	0.02	
11/7/2014	0.012	
5/21/2015	0.011	
11/12/2015	0.012	
4/7/2016	0.0116	
6/17/2016	0.012	
8/10/2016	0.012	
10/14/2016	0.016	
12/19/2016	0.012	
2/13/2017	0.017	
4/7/2017	0.011	
6/22/2017	0.014	
10/10/2017	0.012	
3/23/2018	0.012	
10/3/2018	0.012	
3/27/2019	0.013	
9/12/2019	0.016	
3/19/2020	0.02	
9/11/2020	0.013	
4/5/2021		0.015
8/12/2021		0.013
2/14/2022		0.014

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	0.021 (J)	
2/14/2011	0.021 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.021 (J)	
10/26/2011	0.019	
5/2/2012	0.018	
11/8/2012	0.018	
5/8/2013	0.017	
11/5/2013	0.019	
5/23/2014	0.021	
11/7/2014	0.019	
5/21/2015	0.02	
11/12/2015	0.019	
4/7/2016	0.0201	
6/14/2016	0.017	
8/9/2016	0.017	
10/11/2016	0.02	
12/2/2016	0.02	
2/9/2017	0.018	
4/7/2017	0.018	
6/22/2017	0.02	
10/10/2017	0.02	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.019	
9/12/2019	0.022	
3/19/2020	0.02	
9/10/2020	0.02	
4/6/2021		0.02
8/12/2021		0.024
2/14/2022		0.022

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	0.016 (J)	
2/15/2011	0.016 (J)	
3/22/2011	0.014 (J)	
4/27/2011	0.016 (J)	
10/26/2011	0.015	
5/2/2012	0.012	
11/8/2012	0.015	
5/8/2013	0.014	
11/4/2013	0.016	
5/24/2014	0.015	
11/7/2014	0.016	
5/22/2015	0.015	
11/13/2015	0.016	
4/11/2016	0.0167	
6/15/2016	0.015	
8/10/2016	0.015	
10/11/2016	0.017	
12/5/2016	0.017	
2/13/2017	0.016	
4/10/2017	0.015	
6/23/2017	0.017	
10/10/2017	0.016	
3/26/2018	0.015	
10/4/2018	0.018	
3/28/2019	0.017	
9/12/2019	0.019	
3/19/2020	0.019	
9/10/2020	0.02	
4/6/2021		0.018
8/13/2021		0.021
2/14/2022		0.02

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (J)	
10/26/2011	0.013	
5/2/2012	0.0084 (J)	
11/8/2012	0.012	
5/8/2013	0.013	
11/4/2013	0.012	
5/24/2014	0.012	
11/8/2014	0.01	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.0132	
6/15/2016	0.011	
8/10/2016	0.012	
10/11/2016	0.012	
12/2/2016	0.012	
2/13/2017	0.013	
4/7/2017	0.01	
6/22/2017	0.012	
10/10/2017	0.011	
3/23/2018	0.011	
10/4/2018	0.012	
3/28/2019	0.012	
9/12/2019	0.013	
3/19/2020	0.013	
9/10/2020	0.013	
4/6/2021		0.013
8/13/2021		0.029
2/14/2022		0.018

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (J)	
10/26/2011	0.0099 (J)	
5/2/2012	0.0085 (J)	
11/8/2012	<0.01	
5/8/2013	0.0094 (J)	
11/4/2013	0.0094 (J)	
5/24/2014	0.0094 (J)	
11/7/2014	0.0094 (J)	
5/22/2015	0.0092 (J)	
11/13/2015	0.0095 (J)	
4/11/2016	0.0105	
6/16/2016	0.0089 (J)	
8/10/2016	0.0082	
10/13/2016	0.0088	
12/5/2016	0.01	
2/13/2017	0.0097	
4/10/2017	0.0082	
6/23/2017	0.01	
10/11/2017	0.0092	
3/26/2018	0.0094	
10/4/2018	0.0093	
3/27/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.011	
9/11/2020	0.01	
4/5/2021		0.01
8/13/2021		0.019
2/15/2022		0.011

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	0.01 (J)	
2/15/2011	0.0086 (J)	
3/21/2011	0.009 (J)	
4/28/2011	0.012 (J)	
10/26/2011	0.0093 (J)	
5/1/2012	0.0048 (J)	
11/9/2012	0.0091 (J)	
5/8/2013	0.0096 (J)	
11/4/2013	0.012	
5/24/2014	0.011	
11/7/2014	0.011	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.012	
6/16/2016	0.011	
8/11/2016	0.012	
10/13/2016	0.012	
12/5/2016	0.013	
2/13/2017	0.012	
4/11/2017	0.012	
6/24/2017	0.013	
10/11/2017	0.012	
3/26/2018	0.013	
10/4/2018	0.013	
3/28/2019	0.014	
9/12/2019	0.017	
3/19/2020	0.018	
9/11/2020	0.017	
4/5/2021		0.019
8/17/2021		0.02
2/14/2022		0.021

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.11	
2/14/2011	<0.1	
3/21/2011	<0.1	
4/27/2011	0.091 (J)	
10/26/2011	0.1	
5/1/2012	0.095	
11/9/2012	0.093	
5/8/2013	0.077	
11/4/2013	0.083	
5/24/2014	0.07	
11/7/2014	0.065	
5/20/2015	0.058	
11/13/2015	0.058	
4/8/2016	0.0619	
6/16/2016	0.052	
8/11/2016	0.044	
10/13/2016	0.049	
12/6/2016	0.047	
2/13/2017	0.05	
4/11/2017	0.053	
6/24/2017	0.054	
10/11/2017	0.05	
3/26/2018	0.05	
10/4/2018	0.042	
3/28/2019	0.045	
9/12/2019	0.043	
3/19/2020	0.047	
9/11/2020	0.044	
4/6/2021		0.041
8/13/2021		0.038
2/14/2022		0.042

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/26/2017	<0.0025	
10/9/2017	<0.0025	
3/26/2018	<0.0025 (D)	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/2/2021		0.00019 (J)
8/12/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	2E-05 (J)	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021		<0.0025
8/13/2021		<0.0025
2/15/2022		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	0.0016	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021		<0.0025
8/13/2021		<0.0025
2/14/2022		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	7.4E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021		<0.0025
8/13/2021		<0.0025
2/14/2022		<0.0025

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	0.0052	
2/14/2011	0.0057	
3/22/2011	0.0055	
4/26/2011	0.0069	
10/27/2011	0.011	
5/1/2012	0.0056	
11/8/2012	<0.01	
5/7/2013	0.0036 (J)	
11/4/2013	0.0032 (J)	
5/24/2014	0.0043 (J)	
11/8/2014	<0.01	
5/21/2015	0.002 (J)	
11/13/2015	<0.01	
4/6/2016	0.00278 (J)	
6/14/2016	<0.01	
8/10/2016	0.0019 (J)	
10/11/2016	0.0024 (J)	
12/2/2016	0.0023 (J)	
2/10/2017	0.0021 (J)	
4/10/2017	0.002 (J)	
6/23/2017	0.0018 (J)	
10/9/2017	0.0016 (J)	
3/26/2018	0.0011 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	0.003	
9/12/2019	0.0047	
3/19/2020	0.0026	
9/10/2020	0.0019 (J)	
4/2/2021		0.0029
8/12/2021		0.0016 (J)
2/14/2022		0.0026

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.0029 (J)	
2/14/2011	0.0027 (J)	
3/22/2011	0.0049 (J)	
4/26/2011	0.0048 (J)	
10/27/2011	0.0023 (J)	
5/1/2012	0.0051	
11/8/2012	0.0034 (J)	
5/7/2013	0.0078	
11/4/2013	0.0055 (J)	
5/24/2014	0.0075 (J)	
11/8/2014	0.0048 (J)	
5/21/2015	0.0082 (J)	
11/13/2015	0.0079 (J)	
4/8/2016	<0.01	
6/14/2016	<0.01	
8/9/2016	0.0079	
10/11/2016	0.0069	
12/5/2016	0.0077	
2/10/2017	0.0098	
4/7/2017	0.0081	
6/26/2017	0.0084	
10/9/2017	0.0082	
3/26/2018	0.0088	
10/3/2018	0.0086	
3/27/2019	0.0078	
9/12/2019	0.0092	
3/19/2020	0.011	
9/10/2020	0.0077	
4/2/2021		0.01
8/12/2021		0.008
2/15/2022		0.013

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	0.0036 (J)	
2/1/2011	0.0037 (J)	
3/21/2011	0.004 (J)	
4/26/2011	0.0037 (J)	
10/27/2011	0.0047 (J)	
5/2/2012	0.005 (J)	
11/8/2012	0.0081	
5/7/2013	0.0035 (J)	
11/4/2013	0.0056 (J)	
5/24/2014	0.005 (J)	
11/7/2014	0.004 (J)	
5/20/2015	0.0062 (J)	
11/13/2015	0.0067 (J)	
4/7/2016	0.00467 (J)	
6/14/2016	<0.01	
8/9/2016	0.0041	
10/10/2016	0.0041	
12/2/2016	0.0039	
2/10/2017	0.0044	
4/7/2017	0.0046	
6/23/2017	0.005	
10/10/2017	0.0088	
3/23/2018	0.0045	
10/4/2018	0.0047	
3/27/2019	0.0048	
9/12/2019	0.0051	
3/19/2020	0.0043	
9/11/2020	0.0042	
4/5/2021		0.0041
8/12/2021		0.0045
2/14/2022		0.0047

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0064	
2/1/2011	0.015	
3/23/2011	0.0084	
4/27/2011	0.011	
10/26/2011	0.0061	
5/1/2012	0.0072	
11/8/2012	0.015	
5/7/2013	0.044	
11/5/2013	0.023	
5/23/2014	0.022	
11/7/2014	0.013	
5/21/2015	0.029	
11/12/2015	0.045	
4/8/2016	<0.01	
6/14/2016	<0.01	
8/9/2016	0.008	
10/11/2016	0.0079	
12/5/2016	0.0057	
2/10/2017	0.0062	
4/7/2017	0.0072	
6/22/2017	0.0074	
10/10/2017	0.0072	
3/22/2018	0.0074	
10/5/2018	0.0083	
3/27/2019	0.0081	
9/12/2019	0.0088	
3/20/2020	0.0085	
9/11/2020	0.0081	
4/5/2021		0.0084
8/13/2021		0.0082
2/14/2022		0.0086

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0094	
2/14/2011	0.028	
3/23/2011	0.0042 (J)	
4/27/2011	<0.01	
10/25/2011	0.0062	
5/1/2012	0.011	
11/8/2012	0.0089	
5/7/2013	0.019	
11/5/2013	0.0057 (J)	
5/23/2014	0.0084 (J)	
11/7/2014	0.011	
5/21/2015	0.013	
11/12/2015	0.015	
4/7/2016	0.00498 (J)	
6/17/2016	<0.01	
8/10/2016	0.0047	
10/14/2016	0.0056	
12/19/2016	0.0039	
2/13/2017	0.0059	
4/7/2017	0.0051	
6/22/2017	0.005	
10/10/2017	0.005	
3/23/2018	0.005	
10/3/2018	0.0051	
3/27/2019	0.0051	
9/12/2019	0.0085	
3/19/2020	0.0063	
9/11/2020	0.0053	
4/5/2021		0.0061
8/12/2021		0.0058
2/14/2022		0.0058

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	0.0073	
2/14/2011	0.0051	
3/21/2011	0.0067	
4/26/2011	0.0065	
10/26/2011	0.0068	
5/2/2012	0.011	
11/8/2012	0.0052	
5/8/2013	0.0059	
11/5/2013	0.0044 (J)	
5/23/2014	0.0087 (J)	
11/7/2014	0.0048 (J)	
5/21/2015	0.006 (J)	
11/12/2015	0.007 (J)	
4/7/2016	0.0056 (J)	
6/14/2016	<0.01	
8/9/2016	0.0053	
10/11/2016	0.0058	
12/2/2016	0.0071	
2/9/2017	0.0051	
4/7/2017	0.006	
6/22/2017	0.0056	
10/10/2017	0.0073	
3/22/2018	0.0051	
10/3/2018	0.0052	
3/27/2019	0.0056	
9/12/2019	0.0075	
3/19/2020	0.0055	
9/10/2020	0.0063	
4/6/2021		0.0055
8/12/2021		0.0096
2/14/2022		0.0076

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	0.0026 (J)	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0027 (J)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/22/2015	0.0034 (J)	
11/13/2015	0.0038 (J)	
4/11/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	0.0014 (J)	
10/11/2016	0.0017 (J)	
12/5/2016	0.0014 (J)	
2/13/2017	0.0016 (J)	
4/10/2017	0.0014 (J)	
6/23/2017	0.0014 (J)	
10/10/2017	0.0039	
3/26/2018	0.0013 (J)	
10/4/2018	0.0014 (J)	
3/28/2019	0.0012 (J)	
9/12/2019	0.0021 (J)	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021		<0.002
8/13/2021		<0.002
2/14/2022		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	0.0034 (J)	
2/15/2011	0.0034 (J)	
3/22/2011	0.0037 (J)	
4/27/2011	0.0038 (J)	
10/26/2011	0.0039 (J)	
5/2/2012	0.0044 (J)	
11/8/2012	0.0026 (J)	
5/8/2013	0.0038 (J)	
11/4/2013	0.0063 (J)	
5/24/2014	0.0061 (J)	
11/8/2014	<0.01	
5/22/2015	0.0037 (J)	
11/13/2015	0.0055 (J)	
4/11/2016	0.00479 (J)	
6/15/2016	<0.01	
8/10/2016	0.0047	
10/11/2016	0.0048	
12/2/2016	0.0043	
2/13/2017	0.0047	
4/7/2017	0.0044	
6/22/2017	0.0045	
10/10/2017	0.005	
3/23/2018	0.0042	
10/4/2018	0.005	
3/28/2019	0.0043	
9/12/2019	0.006	
3/19/2020	0.0047	
9/10/2020	0.0047	
4/6/2021		0.0044
8/13/2021		0.0089
2/14/2022		0.0046

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.0036 (J)	
2/15/2011	0.0038 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0042 (J)	
10/26/2011	0.0042 (J)	
5/2/2012	0.0037 (J)	
11/8/2012	<0.01	
5/8/2013	0.0032 (J)	
11/4/2013	0.0063 (J)	
5/24/2014	0.003 (J)	
11/7/2014	<0.01	
5/22/2015	0.0023 (J)	
11/13/2015	0.0042 (J)	
4/11/2016	0.00309 (J)	
6/16/2016	<0.01	
8/10/2016	0.0023 (J)	
10/13/2016	0.0028	
12/5/2016	0.0032	
2/13/2017	0.0021 (J)	
4/10/2017	0.0022 (J)	
6/23/2017	0.0025	
10/11/2017	0.0027	
3/26/2018	0.0028	
10/4/2018	0.0041	
3/27/2019	0.0044	
9/12/2019	0.0043	
3/19/2020	0.0032	
9/11/2020	0.0041	
4/5/2021		0.0054
8/13/2021		0.0087
2/15/2022		0.0054

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0087	
3/21/2011	0.0083	
4/28/2011	0.0076	
10/26/2011	0.0078	
5/1/2012	0.0049 (J)	
11/9/2012	0.0066	
5/8/2013	0.0082	
11/4/2013	0.013	
5/24/2014	0.012	
11/7/2014	0.0084 (J)	
5/22/2015	0.0096 (J)	
11/13/2015	0.011	
4/11/2016	0.0101	
6/16/2016	<0.01	
8/11/2016	0.0097	
10/13/2016	0.012	
12/5/2016	0.012	
2/13/2017	0.011	
4/11/2017	0.011	
6/24/2017	0.0095	
10/11/2017	0.0096	
3/26/2018	0.012	
10/4/2018	0.016	
3/28/2019		0.019
9/12/2019		0.027
3/19/2020		0.029
9/11/2020		0.028
4/5/2021		0.031
8/17/2021		0.034
2/14/2022		0.036

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	0.0033 (J)	
5/1/2012	0.0025 (J)	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0035 (J)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/20/2015	0.0021 (J)	
11/13/2015	0.0041 (J)	
4/8/2016	<0.002	
6/16/2016	<0.002	
8/11/2016	0.0013 (J)	
10/13/2016	0.0018 (J)	
12/6/2016	0.0014 (J)	
2/13/2017	0.0021 (J)	
4/11/2017	0.0012 (J)	
6/24/2017	0.0017 (J)	
10/11/2017	0.0013 (J)	
3/26/2018	0.0014 (J)	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	0.002 (J)	
3/19/2020	<0.002	
9/11/2020	0.0023	
4/6/2021		<0.002
8/13/2021		0.0019 (J)
2/14/2022		0.0018 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	<0.0025	
6/14/2016	6.6E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	0.00047 (J)	
12/2/2016	0.0014 (J)	
2/10/2017	0.00052 (J)	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/9/2017	0.00053 (J)	
3/26/2018	0.00088 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	<0.0025	
9/12/2019	0.0004 (J)	
3/19/2020	0.00015 (J)	
9/10/2020	0.00019 (J)	
4/2/2021		0.00016 (J)
8/12/2021		0.00028 (J)
2/14/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.0038 (O)	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	0.00042 (J)	
8/9/2016	0.00068 (J)	
10/11/2016	<0.0025	
12/5/2016	0.0012 (J)	
2/10/2017	0.0013 (J)	
4/7/2017	<0.0025	
6/26/2017	0.00073 (J)	
10/9/2017	<0.0025	
3/26/2018	<0.0025 (D)	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00014 (J)	
4/2/2021		0.00026 (J)
8/12/2021		0.00015 (J)
2/15/2022		0.00054 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.012	
2/14/2011	0.0093 (J)	
3/21/2011	0.0076 (J)	
4/26/2011	0.0058 (J)	
10/26/2011	0.005 (J)	
5/1/2012	0.0032 (J)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/7/2014	<0.01	
5/20/2015	<0.01	
11/13/2015	<0.01	
4/7/2016	<0.01	
6/14/2016	0.0031 (J)	
8/9/2016	0.0023 (J)	
10/10/2016	0.0024 (J)	
12/2/2016	0.0021 (J)	
2/9/2017	0.00096 (J)	
4/7/2017	0.0034	
6/22/2017	0.0029	
10/10/2017	0.0025	
3/22/2018	0.0015 (JD)	
10/3/2018	0.0018 (J)	
3/27/2019	0.00083 (J)	
9/12/2019	0.0018 (J)	
3/19/2020	0.0005 (J)	
9/11/2020	0.0035	
4/2/2021		0.002 (J)
8/12/2021		0.0024 (J)
2/14/2022		0.00059 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	3.8E-05 (J)	
8/9/2016	<0.0025	
10/10/2016	<0.0025	
12/2/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	9.5E-05 (J)	
3/19/2020	0.00025 (J)	
9/11/2020	<0.0025	
4/5/2021		<0.0025
8/12/2021		<0.0025
2/14/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0033 (O)	
2/1/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	0.0048 (O)	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	4.2E-05 (J)	
8/9/2016	<0.0025	
10/11/2016	0.00052 (J)	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00011 (J)	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021		0.00017 (J)
8/13/2021		<0.0025
2/14/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/25/2011	<0.0025	
5/1/2012	0.0039 (O)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/17/2016	0.00017 (J)	
8/10/2016	<0.0025	
10/14/2016	<0.0025	
12/19/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	0.00029 (J)	
9/11/2020	<0.0025	
4/5/2021		0.00019 (J)
8/12/2021		<0.0025
2/14/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	0.0004 (J)	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00017 (J)	
3/19/2020	<0.0025	
9/10/2020	0.0002 (J)	
4/6/2021		<0.0025
8/12/2021		0.00072 (J)
2/14/2022		0.00039 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021		<0.0025
8/13/2021		0.00015 (J)
2/14/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021		<0.0025
8/13/2021		0.00074 (J)
2/14/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00012 (J)	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021		0.0002 (J)
8/13/2021		0.00059 (J)
2/15/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.0051 (J)	
2/14/2011	0.0038 (J)	
3/21/2011	0.0037 (J)	
4/27/2011	<0.01	
10/26/2011	0.0046 (J)	
5/1/2012	0.0043 (J)	
11/9/2012	0.007 (J)	
5/8/2013	0.0047 (J)	
11/4/2013	0.0096 (J)	
5/24/2014	0.0097 (J)	
11/7/2014	0.012	
5/20/2015	0.011	
11/13/2015	0.013	
4/8/2016	<0.01	
6/16/2016	0.0062 (J)	
8/11/2016	0.0092	
10/13/2016	0.0045	
12/6/2016	0.0043	
2/13/2017	0.011	
4/11/2017	0.012	
6/24/2017	0.011	
10/11/2017	0.016	
3/26/2018	0.0069	
10/4/2018	0.016	
3/28/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.0083	
9/11/2020	0.002 (J)	
4/6/2021		0.0062
8/13/2021		0.015
2/14/2022		0.011

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.0028 (O)	
11/13/2015	<0.002	
4/6/2016	<0.002	
10/11/2016	<0.002	
4/10/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	0.0023	
4/2/2021		<0.002
8/12/2021		0.00066 (J)
2/14/2022		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.003 (J)	
11/13/2015	0.078 (O)	
4/8/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002 (D)	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021		<0.002
8/12/2021		<0.002
2/15/2022		0.0015 (J)

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.0021 (J)	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	0.0034 (J)	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	0.002 (J)	
5/20/2015	0.0024 (J)	
11/13/2015	<0.002	
4/7/2016	<0.002	
10/10/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002 (D)	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	0.00072 (J)	
9/11/2020	0.002	
4/2/2021		<0.002
8/12/2021		<0.002
2/14/2022		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0065 (J)	
2/1/2011	0.018	
3/23/2011	0.022	
4/27/2011	0.02	
10/26/2011	0.0025 (J)	
5/1/2012	0.0022 (J)	
11/8/2012	0.015	
5/7/2013	0.02	
11/5/2013	0.014	
5/23/2014	0.06 (O)	
11/7/2014	0.0032 (J)	
5/21/2015	0.017 (JV)	
11/12/2015	0.01 (J)	
4/8/2016	<0.002	
10/11/2016	0.0051	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	0.0011 (J)	
9/11/2020	<0.002	
4/5/2021		0.0019 (J)
8/13/2021		<0.002
2/14/2022		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0084 (J)	
2/14/2011	0.013 (O)	
3/23/2011	0.0061 (J)	
4/27/2011	<0.002	
10/25/2011	<0.002	
5/1/2012	0.0027 (J)	
11/8/2012	<0.002	
5/7/2013	0.0039 (J)	
11/5/2013	<0.002	
5/23/2014	0.0029 (J)	
11/7/2014	<0.002	
5/21/2015	0.0031 (J)	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/14/2016	0.0024 (J)	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	0.00083 (J)	
3/19/2020	0.0022	
9/11/2020	<0.002	
4/5/2021		0.00093 (J)
8/12/2021		<0.002
2/14/2022		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021		<0.002
8/12/2021		0.0031
2/14/2022		0.0014 (J)

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	0.0031 (O)	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021		<0.002
8/13/2021		0.0046
2/14/2022		0.0013 (J)

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/13/2016	<0.002	
4/10/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	0.0013 (J)	
4/5/2021		<0.002
8/13/2021		0.0025
2/15/2022		<0.002

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	0.0028 (J)	
3/22/2011	0.0021 (J)	
4/26/2011	0.003 (J)	
10/27/2011	0.0028 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0044 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	0.0032 (J)	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.0022	
4/2/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	0.0025 (J)	
10/27/2011	0.0033 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0048 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.0021 (J)	
5/21/2015	0.002 (J)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021		0.00018 (J)
8/12/2021		<0.001
2/15/2022		0.00025 (J)

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	0.0024 (J)	
3/21/2011	<0.001	
4/26/2011	0.0027 (J)	
10/26/2011	0.0026 (J)	
5/1/2012	<0.001	
11/8/2012	0.0023 (J)	
5/8/2013	0.0026 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.005 (J)	
11/13/2015	0.0031 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00019 (J)	
9/11/2020	0.0016	
4/2/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	0.0024 (J)	
10/27/2011	0.0025 (J)	
5/2/2012	<0.001	
11/8/2012	0.003 (J)	
5/7/2013	0.0029 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0037 (J)	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0027 (J)	
3/23/2011	0.0041 (J)	
4/27/2011	0.0054	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0022 (J)	
5/7/2013	0.0062	
11/5/2013	<0.001	
5/23/2014	0.0026 (J)	
11/7/2014	0.0022 (J)	
5/21/2015	0.0049 (J)	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	0.00096 (J)	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	0.0029 (J)	
3/23/2011	0.0028 (J)	
4/27/2011	0.0038 (J)	
10/25/2011	0.0043 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0064	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	0.0026 (J)	
5/21/2015	0.0038 (J)	
11/12/2015	0.0021 (J)	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0002 (J)	
9/11/2020	<0.001	
4/5/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	0.0032 (J)	
3/21/2011	0.0038 (J)	
4/26/2011	0.0046 (J)	
10/26/2011	0.0024 (J)	
5/2/2012	<0.001	
11/8/2012	0.0021 (J)	
5/8/2013	0.006	
11/5/2013	0.0023 (J)	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	0.0062 (J)	
11/12/2015	0.0035 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	0.0021 (J)	
3/22/2011	0.0027 (J)	
4/27/2011	0.0024 (J)	
10/26/2011	0.0021 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0038 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	0.0028 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0033 (J)	
10/26/2011	0.0028 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0043 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0042 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/13/2021		0.00054 (J)
2/14/2022		0.00019 (J)

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	0.0032 (J)	
3/22/2011	0.0024 (J)	
4/27/2011	0.0033 (J)	
10/26/2011	0.0023 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0035 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	0.00041 (J)	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	0.0015	
4/5/2021		<0.001
8/13/2021		0.00022 (J)
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	0.0034 (J)	
3/21/2011	0.004 (J)	
4/28/2011	0.0036 (J)	
10/26/2011	0.0038 (J)	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0059	
11/4/2013	0.0027 (J)	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.006 (J)	
11/13/2015	0.0024 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	0.0034 (o)	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		<0.001
8/17/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0026 (O)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021		<0.001
8/13/2021		0.00017 (J)
2/14/2022		<0.001

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/6/2016	<0.0002	
6/14/2016	<0.0002	
8/10/2016	<0.0002	
10/11/2016	<0.0002	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/9/2017	8.7E-05 (J)	
3/26/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021		<0.0002
8/12/2021		<0.0002
2/14/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/26/2017	<0.0002	
10/9/2017	8.7E-05 (J)	
3/26/2018	<0.0002 (D)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/10/2016	<0.0002	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (J)	
3/22/2018	<0.0002 (D)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/2/2021		<0.0002
8/12/2021		<0.0002
2/14/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	0.00011 (J)	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/10/2016	<0.0002	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	8.8E-05 (J)	
3/23/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021		<0.0002
8/12/2021		<0.0002
2/14/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.1E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (J)	
3/22/2018	<0.0002	
10/5/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/20/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021		<0.0002
8/13/2021		<0.0002
2/14/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/25/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.4E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/17/2016	<0.0002	
8/10/2016	<0.0002	
10/14/2016	<0.0002	
12/19/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (J)	
3/23/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021		<0.0002
8/12/2021		<0.0002
2/14/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	<0.0002	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.8E-05 (J)	
3/22/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021		<0.0002
8/12/2021		<0.0002
2/14/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	9.1E-05 (J)	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021		<0.0002
8/13/2021		<0.0002
2/14/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/11/2016	<0.0002	
12/2/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (J)	
3/23/2018	<0.0002 (X)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021		<0.0002
8/13/2021		<0.0002
2/14/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.0002	
2/15/2011	<0.0002	
3/21/2011	<0.0002	
4/28/2011	<0.0002	
10/26/2011	8.2E-05	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/13/2016	<0.0002	
12/5/2016	<0.0002	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021		<0.0002
8/17/2021		<0.0002
2/14/2022		<0.0002

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
10/11/2016	<0.001	
4/10/2017	<0.001	
10/9/2017	0.0024 (O)	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00037 (J)	
9/10/2020	0.00095 (J)	
4/2/2021		0.00046 (J)
8/12/2021		0.0011
2/14/2022		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.003 (O)	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021		0.00049 (J)
8/12/2021		0.00042 (J)
2/15/2022		0.0014

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00061 (J)	
3/19/2020	0.00074 (J)	
9/11/2020	0.001	
4/2/2021		0.00077 (J)
8/12/2021		0.00092 (J)
2/14/2022		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	0.0035 (O)	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.0004 (J)	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0072	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0066	
5/7/2013	0.022	
11/5/2013	0.0093	
5/23/2014	0.0045 (J)	
11/7/2014	0.0049 (J)	
5/21/2015	0.012	
11/12/2015	0.019	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0052	
2/14/2011	0.016	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	0.0035 (J)	
11/8/2012	0.0046 (J)	
5/7/2013	0.0087	
11/5/2013	0.0036 (J)	
5/23/2014	<0.001	
11/7/2014	0.0064	
5/21/2015	0.0045 (J)	
11/12/2015	0.0036 (J)	
4/7/2016	<0.001	
10/14/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0004 (J)	
9/11/2020	<0.001	
4/5/2021		0.00034 (J)
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00043 (J)	
3/19/2020	<0.001	
9/10/2020	0.00062 (J)	
4/6/2021		<0.001
8/12/2021		0.0019
2/14/2022		0.00088 (J)

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0047	
2/15/2011	<0.0047	
3/22/2011	<0.0047	
4/27/2011	<0.0047	
10/26/2011	<0.0047	
5/2/2012	<0.0047	
11/8/2012	<0.0047	
5/8/2013	<0.0047	
11/4/2013	<0.0047	
5/24/2014	<0.0047	
11/7/2014	<0.0047	
5/22/2015	0.0032 (J)	
11/13/2015	<0.0047	
4/11/2016	0.00388 (J)	
10/11/2016	<0.0047	
4/10/2017	0.0042	
10/10/2017	0.0037	
3/26/2018	0.0037	
10/4/2018	0.0037	
3/28/2019	0.0038	
9/12/2019	0.0035	
3/19/2020	0.0039	
9/10/2020	0.0035	
4/6/2021		0.0042
8/13/2021		0.0037
2/14/2022		0.0034

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0018	
2/15/2011	<0.0018	
3/22/2011	<0.0018	
4/27/2011	<0.0018	
10/26/2011	<0.0018	
5/2/2012	<0.0018	
11/8/2012	<0.0018	
5/8/2013	<0.0018	
11/4/2013	<0.0018	
5/24/2014	<0.0018	
11/8/2014	<0.0018	
5/22/2015	<0.0018	
11/13/2015	<0.0018	
4/11/2016	<0.0018	
10/11/2016	<0.0018	
4/7/2017	<0.0018	
10/10/2017	<0.0018	
3/23/2018	<0.0018	
10/4/2018	<0.0018	
3/28/2019	<0.0018	
9/12/2019	0.0012	
3/19/2020	0.0015	
9/10/2020	0.0017	
4/6/2021		0.0019
8/13/2021		0.0036
2/14/2022		0.0026

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/13/2016	<0.0025	
4/10/2017	<0.0025	
10/11/2017	0.0018 (J)	
3/26/2018	0.0021 (J)	
10/4/2018	0.0024 (J)	
3/27/2019	0.0024 (J)	
9/12/2019	0.0019	
3/19/2020	0.0021	
9/11/2020	0.002	
4/5/2021		0.002
8/13/2021		0.0034
2/15/2022		0.0024

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.006	
2/14/2011	0.0067	
3/21/2011	0.0066	
4/27/2011	0.0077	
10/26/2011	0.0063	
5/1/2012	0.0068	
11/9/2012	0.0067	
5/8/2013	0.0066	
11/4/2013	0.0072	
5/24/2014	0.0053	
11/7/2014	0.0052	
5/20/2015	0.0067	
11/13/2015	0.0063	
4/8/2016	<0.0073	
10/13/2016	<0.0073	
4/11/2017	0.0075	
10/11/2017	0.0072	
3/26/2018	0.0075	
10/4/2018	0.0073	
3/28/2019	0.0069	
9/12/2019	0.007	
3/19/2020	0.007	
9/11/2020	0.0074	
4/6/2021		0.0072
8/13/2021		0.0073
2/14/2022		0.0071

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	0.0048	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	0.0041	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	0.0032	
4/7/2017	<0.005	
6/26/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0048	
11/4/2013	<0.005	
5/24/2014	0.0042	
11/7/2014	<0.005	
5/20/2015	0.0093 (O)	
11/13/2015	0.0061 (O)	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	0.00033 (J)	
3/22/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/2/2021		<0.005
8/12/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.0064 (O)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0021	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/13/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0046	
11/5/2013	0.0047	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0077 (O)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/17/2016	<0.005	
8/10/2016	<0.005	
10/14/2016	<0.005	
12/19/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/12/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0041	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	0.00092 (J)	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/12/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	0.0044	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.00032 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/13/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0042	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	0.0021	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/13/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	0.0049	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0067 (O)	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	0.00036 (J)	
10/13/2016	0.00035 (J)	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	0.0027	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.0004 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/17/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/13/2016	0.00046 (J)	
12/6/2016	<0.005	
2/13/2017	0.0025	
4/11/2017	0.00089 (J)	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/6/2021		<0.005
8/13/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	0.00025 (J)	
5/24/2014	<0.001	
11/8/2014	0.00048	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021		0.00016 (J)
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.00086	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021		0.00036 (J)
8/12/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.00026 (J)	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	0.00032	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00036 (J)	
9/11/2020	<0.001	
4/2/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00018 (J)	
9/11/2020	<0.001	
4/5/2021		0.00043 (J)
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.00028	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		0.00022 (J)
8/13/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0028 (J)	
4/26/2011	0.0025 (J)	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	0.00201 (J)	
10/11/2016	<0.0025	
4/10/2017	0.002 (J)	
10/9/2017	<0.0025	
3/26/2018	0.0014 (J)	
10/3/2018	0.0023 (J)	
3/27/2019	0.0072 (O)	
9/12/2019	0.0031	
3/19/2020	0.003	
9/10/2020	0.0027	
4/2/2021		0.0029
8/12/2021		0.004
2/14/2022		0.0033

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0032 (J)	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	0.0037 (J)	
11/8/2012	<0.0025	
5/7/2013	0.0041 (J)	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	0.0052 (J)	
11/13/2015	<0.0025	
4/8/2016	<0.0025 (D)	
10/11/2016	<0.0025	
4/7/2017	0.0033	
10/9/2017	<0.0025	
3/26/2018	0.0029	
10/3/2018	0.0022 (J)	
3/27/2019	0.0071 (O)	
9/12/2019	0.0025	
3/19/2020	0.0052	
9/10/2020	0.0025	
4/2/2021		0.0045
8/12/2021		0.0028
2/15/2022		0.0083

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.0014	
2/14/2011	<0.0014	
3/21/2011	<0.0014	
4/26/2011	0.0022 (J)	
10/26/2011	<0.0014	
5/1/2012	0.0036 (J)	
11/8/2012	0.0062 (O)	
5/8/2013	<0.0014	
11/4/2013	<0.0014	
5/24/2014	<0.0014	
11/7/2014	<0.0014	
5/20/2015	<0.0014	
11/13/2015	<0.0014	
4/7/2016	<0.0014	
10/10/2016	<0.0014	
4/7/2017	<0.0014	
10/10/2017	0.0014 (J)	
3/22/2018	<0.0014 (D)	
10/3/2018	<0.0014	
3/27/2019	0.0023 (J)	
9/12/2019	0.0017	
3/19/2020	0.0031	
9/11/2020	0.0015	
4/2/2021		0.0014
8/12/2021		0.0017
2/14/2022		0.0028

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	0.0024 (J)	
2/1/2011	0.0021 (J)	
3/21/2011	0.0025 (J)	
4/26/2011	0.0033 (J)	
10/27/2011	<0.0034	
5/2/2012	0.0051 (J)	
11/8/2012	0.02 (O)	
5/7/2013	0.0036 (J)	
11/4/2013	0.0043 (J)	
5/24/2014	0.0033 (J)	
11/7/2014	<0.0034	
5/20/2015	0.0062 (J)	
11/13/2015	0.0046 (J)	
4/7/2016	0.00293 (J)	
10/10/2016	0.0031	
4/7/2017	0.0041	
10/10/2017	<0.0034	
3/23/2018	0.0032	
10/4/2018	<0.0034 (X)	
3/27/2019	0.0072	
9/12/2019	0.0033	
3/19/2020	0.0033	
9/11/2020	0.0026	
4/5/2021		0.003
8/12/2021		0.0031
2/14/2022		0.0032

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0051 (J)	
2/1/2011	0.012	
3/23/2011	0.015	
4/27/2011	0.022	
10/26/2011	0.0043 (J)	
5/1/2012	0.0069 (J)	
11/8/2012	0.013	
5/7/2013	0.017	
11/5/2013	0.013	
5/23/2014	0.041	
11/7/2014	0.0069 (J)	
5/21/2015	0.016	
11/12/2015	0.013	
4/8/2016	<0.0053 (D)	
10/11/2016	0.011	
4/7/2017	0.0073	
10/10/2017	0.0032	
3/22/2018	0.0068	
10/5/2018	<0.0053 (X)	
3/27/2019	0.012	
9/12/2019	0.0075	
3/20/2020	0.0086	
9/11/2020	0.007	
4/5/2021		0.0085
8/13/2021		0.0078
2/14/2022		0.0076

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0091 (J)	
2/14/2011	0.013	
3/23/2011	<0.01	
4/27/2011	0.0078 (J)	
10/25/2011	0.012 (O)	
5/1/2012	0.019	
11/8/2012	0.015	
5/7/2013	0.017	
11/5/2013	0.015	
5/23/2014	0.017	
11/7/2014	0.013	
5/21/2015	0.016	
11/12/2015	0.018	
4/7/2016	0.016	
10/14/2016	0.018	
4/7/2017	0.017	
10/10/2017	0.015	
3/23/2018	0.016	
10/3/2018	0.017	
3/27/2019	0.022	
9/12/2019	0.019	
3/19/2020	0.019	
9/11/2020	0.017	
4/5/2021		0.019
8/12/2021		0.019
2/14/2022		0.019

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	0.016	
2/14/2011	0.016	
3/21/2011	0.018	
4/26/2011	0.018	
10/26/2011	0.018	
5/2/2012	0.021	
11/8/2012	0.019	
5/8/2013	0.02	
11/5/2013	0.018	
5/23/2014	0.018	
11/7/2014	0.018	
5/21/2015	0.02	
11/12/2015	0.016	
4/7/2016	0.0182	
10/11/2016	0.023	
4/7/2017	0.02	
10/10/2017	0.016	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.021	
9/12/2019	0.02	
3/19/2020	0.02	
9/10/2020	0.018	
4/6/2021		0.021
8/12/2021		0.02
2/14/2022		0.02

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	0.0037 (J)	
2/15/2011	0.0043 (J)	
3/22/2011	0.0039 (J)	
4/27/2011	0.0035 (J)	
10/26/2011	0.0047 (J)	
5/2/2012	0.0064 (J)	
11/8/2012	0.0051 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0039 (J)	
5/24/2014	0.0053 (J)	
11/7/2014	0.0034 (J)	
5/22/2015	0.0068 (J)	
11/13/2015	0.0044 (J)	
4/11/2016	0.00381 (J)	
10/11/2016	<0.0053	
4/10/2017	0.0038	
10/10/2017	0.0053	
3/26/2018	0.0037	
10/4/2018	<0.0053 (X)	
3/28/2019	0.0079	
9/12/2019	0.0054	
3/19/2020	0.0044	
9/10/2020	0.0049	
4/6/2021		0.0045
8/13/2021		0.0061
2/14/2022		0.0047

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0037	
2/15/2011	<0.0037	
3/22/2011	0.0034 (J)	
4/27/2011	0.0032 (J)	
10/26/2011	<0.0037	
5/2/2012	0.0039 (J)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.0037	
11/4/2013	0.0035 (J)	
5/24/2014	0.0036 (J)	
11/8/2014	<0.0037	
5/22/2015	0.0044 (J)	
11/13/2015	<0.0037	
4/11/2016	0.00254 (J)	
10/11/2016	<0.0037	
4/7/2017	0.0024 (J)	
10/10/2017	<0.0037	
3/23/2018	0.0023 (J)	
10/4/2018	<0.0037 (X)	
3/28/2019	0.0053	
9/12/2019	0.0028	
3/19/2020	0.0027	
9/10/2020	0.0026	
4/6/2021		0.0026
8/13/2021		0.0093
2/14/2022		0.0042

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.0027 (J)	
2/15/2011	0.0036 (J)	
3/22/2011	<0.0066	
4/27/2011	0.0046 (J)	
10/26/2011	<0.0066	
5/2/2012	0.0055 (J)	
11/8/2012	0.0042 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0042 (J)	
5/24/2014	0.0061 (J)	
11/7/2014	0.0032 (J)	
5/22/2015	0.0056 (J)	
11/13/2015	<0.0066	
4/11/2016	0.00415 (J)	
10/13/2016	<0.0066	
4/10/2017	0.0043	
10/11/2017	0.0052	
3/26/2018	0.004	
10/4/2018	<0.0066 (X)	
3/27/2019	0.0087	
9/12/2019	0.0047	
3/19/2020	0.0046	
9/11/2020	0.0042	
4/5/2021		0.0059
8/13/2021		0.0072
2/15/2022		0.0049

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.01	
2/15/2011	0.0098 (J)	
3/21/2011	0.012	
4/28/2011	0.011	
10/26/2011	0.012	
5/1/2012	0.011	
11/9/2012	0.011	
5/8/2013	<0.01	
11/4/2013	0.011	
5/24/2014	0.012	
11/7/2014	0.01	
5/22/2015	0.013	
11/13/2015	0.014	
4/11/2016	0.0107	
10/13/2016	0.011	
4/11/2017	0.011	
10/11/2017	0.012	
3/26/2018	0.0096	
10/4/2018	0.013	
3/28/2019	0.01	
9/12/2019	0.011	
3/19/2020	0.01	
9/11/2020	0.0099	
4/5/2021		0.011
8/17/2021		0.011
2/14/2022		0.011

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	0.0032 (J)	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0065	
11/13/2015	<0.001	
4/8/2016	0.0136 (O)	
10/13/2016	<0.001	
4/11/2017	<0.001	
10/11/2017	0.0019 (J)	
3/26/2018	<0.001	
10/4/2018	<0.001 (X)	
3/28/2019	0.0041	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021		<0.001
8/13/2021		0.0016
2/14/2022		0.0014

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/6/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0046 (J)	
3/19/2020	<0.005	
9/10/2020	0.0048 (J)	
4/2/2021		<0.005
8/12/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	0.039 (O)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0085	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021		<0.005
8/12/2021		<0.005
2/15/2022		0.003 (J)

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.0065	
2/14/2011	<0.0065	
3/21/2011	<0.0065	
4/26/2011	<0.0065	
10/26/2011	<0.0065	
5/1/2012	<0.0065	
11/8/2012	<0.0065	
5/8/2013	<0.0065	
11/4/2013	<0.0065	
5/24/2014	<0.0065	
11/7/2014	<0.0065	
5/20/2015	<0.0065	
11/13/2015	<0.0065	
4/7/2016	0.00345 (J)	
10/10/2016	<0.0065	
4/7/2017	<0.0065	
10/10/2017	<0.0065	
3/22/2018	<0.0065 (D)	
10/3/2018	<0.0065	
3/27/2019	<0.0065	
9/12/2019	0.0095	
3/19/2020	0.0037 (J)	
9/11/2020	0.0098	
4/2/2021		0.0058
8/12/2021		0.006
2/14/2022		0.003 (J)

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.005	
2/1/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	0.013 (O)	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00265 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	0.0096 (J)	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0091	
3/19/2020	0.0035 (J)	
9/11/2020	0.0038 (J)	
4/5/2021		0.0049 (J)
8/12/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0087	
11/5/2013	<0.005	
5/23/2014	0.014 (O)	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0049 (J)	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/13/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00287 (J)	
10/14/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0048 (J)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/12/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00208 (J)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0041 (J)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/12/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0058	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/13/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	0.0076	
3/28/2019	<0.005	
9/12/2019	0.0057	
3/19/2020	0.0037 (J)	
9/10/2020	<0.005	
4/6/2021		<0.005
8/13/2021		0.0053
2/14/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	0.00333 (J)	
10/13/2016	<0.005	
4/10/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0042 (J)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/13/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/13/2016	<0.005	
4/11/2017	0.0065 (J)	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0073	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/17/2021		<0.005
2/14/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.0095 (J)	
2/14/2011	0.0092 (J)	
3/21/2011	0.011 (J)	
4/27/2011	0.0096 (J)	
10/26/2011	0.011 (J)	
5/1/2012	0.012 (J)	
11/9/2012	0.014 (J)	
5/8/2013	0.016 (J)	
11/4/2013	0.014 (J)	
5/24/2014	0.013 (J)	
11/7/2014	0.014 (J)	
5/20/2015	0.015 (J)	
11/13/2015	0.015 (J)	
10/13/2016	0.015 (J)	
4/11/2017	0.015 (J)	
10/11/2017	0.019 (J)	
3/26/2018	0.016 (J)	
10/4/2018	0.017 (J)	
3/28/2019	0.013 (J)	
9/12/2019	0.02	
3/19/2020	0.014	
9/11/2020	0.014	
4/6/2021		0.014
8/13/2021		0.017
2/14/2022		0.014

FIGURE E.

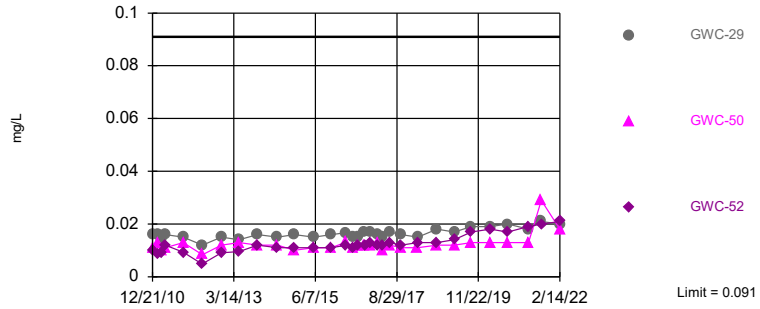
Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 12:52 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-29	0.091	n/a	2/14/2022	0.02	No	208	n/a	n/a	0	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-50	0.091	n/a	2/14/2022	0.018	No	208	n/a	n/a	0	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-52	0.091	n/a	2/14/2022	0.021	No	208	n/a	n/a	0	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Chromium, Total (mg/L)	GWC-52	0.045	n/a	2/14/2022	0.036	No	215	n/a	n/a	19.07	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.022	n/a	2/14/2022	0.0026	No	179	n/a	n/a	79.33	n/a	n/a	0.00006143 NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric



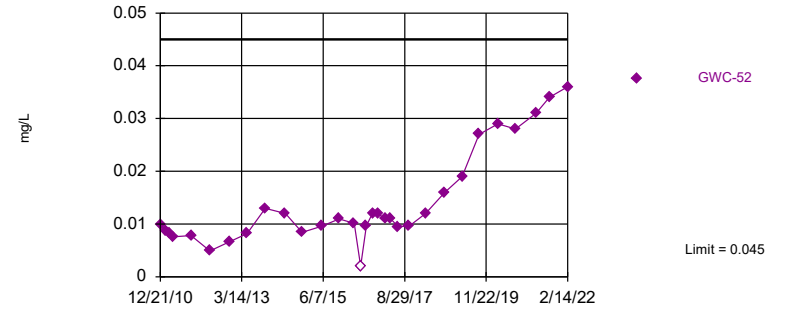
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 208 background values. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Barium, Total Analysis Run 4/7/2022 12:51 PM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



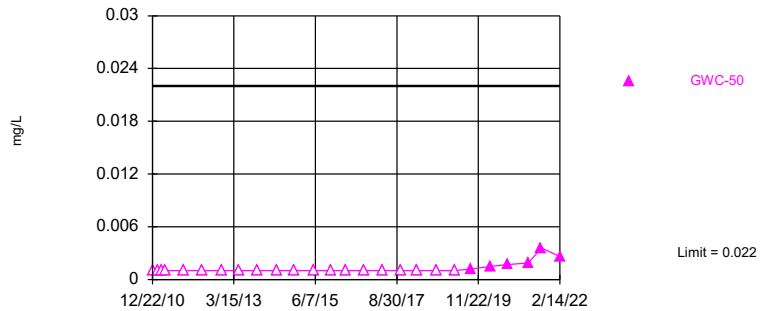
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 215 background values. 19.07% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Assumes 4 future values.

Constituent: Chromium, Total Analysis Run 4/7/2022 12:51 PM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 179 background values. 79.33% NDs. Annual per-constituent alpha = 0.0006142. Individual comparison alpha = 0.00006143 (1 of 2). Assumes 4 future values.

Constituent: Nickel, Total Analysis Run 4/7/2022 12:51 PM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-49 (bg)	GWC-52	GWA-22 (bg)	GWC-29	GWC-50	GWA-21 (bg)
12/20/2010	0.024 (J)	0.019 (J)	0.029 (J)						
12/21/2010				0.021 (J)	0.01 (J)				
12/22/2010						0.028 (J)	0.016 (J)	0.011 (J)	0.026 (J)
2/1/2011		0.017 (J)	0.038 (J)						
2/14/2011	0.023 (J)			0.021 (J)		0.025 (J)			0.022 (J)
2/15/2011					0.0086 (J)		0.016 (J)	0.013 (J)	
3/21/2011	0.021 (J)	0.019 (J)		0.021 (J)	0.009 (J)				
3/22/2011						0.029 (J)	0.014 (J)	0.01 (J)	0.02 (J)
3/23/2011			0.045 (J)						
4/26/2011	0.019 (J)	0.02 (J)		0.021 (J)		0.031 (J)			0.019 (J)
4/27/2011			0.043 (J)				0.016 (J)	0.011 (J)	
4/28/2011					0.012 (J)				
10/25/2011									
10/26/2011	0.023		0.023	0.019	0.0093 (J)		0.015	0.013	
10/27/2011		0.018				0.027			0.021
5/1/2012	0.014		0.021		0.0048 (J)	0.022			0.017
5/2/2012		0.017		0.018			0.012	0.0084 (J)	
11/8/2012	0.034	0.048 (O)	0.038	0.018		0.024	0.015	0.012	0.023
11/9/2012					0.0091 (J)				
5/7/2013		0.02	0.042			0.027			0.021
5/8/2013	0.016			0.017	0.0096 (J)		0.014	0.013	
11/4/2013	0.014	0.019			0.012	0.024	0.016	0.012	0.018
11/5/2013			0.039	0.019					
5/23/2014			0.088 (O)	0.021					
5/24/2014	0.027	0.019			0.011	0.025	0.015	0.012	0.022
11/7/2014	0.03	0.019	0.027	0.019	0.011		0.016		
11/8/2014						0.023		0.01	0.02
5/20/2015	0.029	0.018							
5/21/2015			0.036	0.02		0.023			0.022
5/22/2015					0.011		0.015	0.011	
11/12/2015			0.038	0.019					
11/13/2015	0.041	0.02			0.011	0.023	0.016	0.011	0.025
4/6/2016									0.0239
4/7/2016	0.0381	0.0207		0.0201					
4/8/2016			0.0261			0.0244			
4/11/2016					0.012		0.0167	0.0132	
6/14/2016	0.034	0.019	0.023	0.017		0.023			0.021
6/15/2016							0.015	0.011	
6/16/2016					0.011				
6/17/2016									
8/9/2016	0.032	0.017	0.026	0.017		0.026			
8/10/2016							0.015	0.012	0.019
8/11/2016					0.012				
10/10/2016	0.037	0.02							
10/11/2016			0.03	0.02		0.022	0.017	0.012	0.02
10/13/2016					0.012				
10/14/2016									
12/2/2016	0.038	0.02		0.02				0.012	0.022
12/5/2016			0.026		0.013	0.025	0.017		
12/19/2016									
2/9/2017	0.048			0.018					
2/10/2017		0.018	0.023			0.026			0.03

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-49 (bg)	GWC-52	GWA-22 (bg)	GWC-29	GWC-50	GWA-21 (bg)
2/13/2017					0.012		0.016	0.013	
4/7/2017	0.045	0.02	0.024	0.018		0.021		0.01	
4/10/2017							0.015		0.025
4/11/2017					0.012				
6/22/2017	0.049		0.025	0.02				0.012	
6/23/2017		0.021					0.017		0.026
6/24/2017					0.013				
6/26/2017						0.028			
10/9/2017						0.021			0.025
10/10/2017	0.044	0.018	0.022	0.02			0.016	0.011	
10/11/2017					0.012				
3/22/2018	0.0495 (D)		0.024	0.018					
3/23/2018		0.02						0.011	
3/26/2018					0.013	0.022 (D)	0.015		0.026
10/3/2018	0.042			0.018		0.022			0.00049 (O)
10/4/2018		0.019			0.013		0.018	0.012	
10/5/2018			0.026						
3/27/2019	0.057	0.021	0.026	0.019		0.022			0.024
3/28/2019					0.014		0.017	0.012	
9/12/2019	0.1 (L)	0.022	0.028	0.022	0.017	0.023	0.019	0.013	0.025
12/2/2019	0.11 (RL)								
3/19/2020	0.11 (L)	0.023		0.02	0.018	0.024	0.019	0.013	0.027
3/20/2020			0.029						
9/10/2020				0.02		0.022	0.02	0.013	0.023
9/11/2020	0.15 (L)	0.022	0.026		0.017				
4/2/2021	0.11 (L)					0.023			0.02
4/5/2021		0.022	0.028		0.019				
4/6/2021				0.02			0.018	0.013	
8/12/2021	0.091	0.023		0.024		0.024			0.023
8/13/2021			0.026				0.021	0.029	
8/17/2021					0.02				
2/14/2022	0.077	0.024	0.029	0.022	0.021		0.02	0.018	0.024
2/15/2022						0.032			

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48 (bg)
12/20/2010	
12/21/2010	0.055 (O)
12/22/2010	
2/1/2011	
2/14/2011	0.05 (O)
2/15/2011	
3/21/2011	
3/22/2011	
3/23/2011	0.031 (J)
4/26/2011	
4/27/2011	0.015 (J)
4/28/2011	
10/25/2011	0.02
10/26/2011	
10/27/2011	
5/1/2012	0.017
5/2/2012	
11/8/2012	0.012
11/9/2012	
5/7/2013	0.022
5/8/2013	
11/4/2013	
11/5/2013	0.012
5/23/2014	0.02
5/24/2014	
11/7/2014	0.012
11/8/2014	
5/20/2015	
5/21/2015	0.011
5/22/2015	
11/12/2015	0.012
11/13/2015	
4/6/2016	
4/7/2016	0.0116
4/8/2016	
4/11/2016	
6/14/2016	
6/15/2016	
6/16/2016	
6/17/2016	0.012
8/9/2016	
8/10/2016	0.012
8/11/2016	
10/10/2016	
10/11/2016	
10/13/2016	
10/14/2016	0.016
12/2/2016	
12/5/2016	
12/19/2016	0.012
2/9/2017	
2/10/2017	

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48 (bg)
2/13/2017	0.017
4/7/2017	0.011
4/10/2017	
4/11/2017	
6/22/2017	0.014
6/23/2017	
6/24/2017	
6/26/2017	
10/9/2017	
10/10/2017	0.012
10/11/2017	
3/22/2018	
3/23/2018	0.012
3/26/2018	
10/3/2018	0.012
10/4/2018	
10/5/2018	
3/27/2019	0.013
3/28/2019	
9/12/2019	0.016
12/2/2019	
3/19/2020	0.02
3/20/2020	
9/10/2020	
9/11/2020	0.013
4/2/2021	
4/5/2021	0.015
4/6/2021	
8/12/2021	0.013
8/13/2021	
8/17/2021	
2/14/2022	0.014
2/15/2022	

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-21 (bg)
12/20/2010	0.0064	0.0036 (J)	<0.002					
12/21/2010				0.01	0.0073	0.0094		
12/22/2010							0.0029 (J)	0.0052
2/1/2011	0.015	0.0037 (J)						
2/14/2011			<0.002		0.0051	0.028	0.0027 (J)	0.0057
2/15/2011				0.0087				
3/21/2011		0.004 (J)	<0.002	0.0083	0.0067			
3/22/2011							0.0049 (J)	0.0055
3/23/2011	0.0084					0.0042 (J)		
4/26/2011		0.0037 (J)	<0.002		0.0065		0.0048 (J)	0.0069
4/27/2011	0.011					<0.002		
4/28/2011				0.0076				
10/25/2011						0.0062		
10/26/2011	0.0061		<0.002	0.0078	0.0068			
10/27/2011		0.0047 (J)					0.0023 (J)	0.011
5/1/2012	0.0072		<0.002	0.0049 (J)		0.011	0.0051	0.0056
5/2/2012		0.005 (J)			0.011			
11/8/2012	0.015	0.0081	<0.002		0.0052	0.0089	0.0034 (J)	<0.002
11/9/2012				0.0066				
5/7/2013	0.044	0.0035 (J)				0.019	0.0078	0.0036 (J)
5/8/2013			<0.002	0.0082	0.0059			
11/4/2013		0.0056 (J)	<0.002	0.013			0.0055 (J)	0.0032 (J)
11/5/2013	0.023				0.0044 (J)	0.0057 (J)		
5/23/2014	0.022				0.0087 (J)	0.0084 (J)		
5/24/2014		0.005 (J)	<0.002	0.012			0.0075 (J)	0.0043 (J)
11/7/2014	0.013	0.004 (J)	<0.002	0.0084 (J)	0.0048 (J)	0.011		
11/8/2014							0.0048 (J)	<0.002
5/20/2015		0.0062 (J)	0.0025 (O)					
5/21/2015	0.029				0.006 (J)	0.013	0.0082 (J)	0.002 (J)
5/22/2015				0.0096 (J)				
11/12/2015	0.045				0.007 (J)	0.015		
11/13/2015		0.0067 (J)	0.0042 (O)	0.011			0.0079 (J)	<0.002
4/6/2016								0.00278 (J)
4/7/2016		0.00467 (J)	<0.002		0.0056 (J)	0.00498 (J)		
4/8/2016	<0.002						<0.002	
4/11/2016				0.0101				
6/14/2016	<0.002	<0.002	<0.002		<0.002		<0.002	<0.002
6/16/2016				<0.002				
6/17/2016						<0.002		
8/9/2016	0.008	0.0041	<0.002		0.0053		0.0079	
8/10/2016						0.0047		0.0019 (J)
8/11/2016				0.0097				
10/10/2016		0.0041	<0.002					
10/11/2016	0.0079				0.0058		0.0069	0.0024 (J)
10/13/2016				0.012				
10/14/2016						0.0056		
12/2/2016		0.0039	<0.002		0.0071			0.0023 (J)
12/5/2016	0.0057			0.012			0.0077	
12/19/2016						0.0039		
2/9/2017			<0.002		0.0051			
2/10/2017	0.0062	0.0044					0.0098	0.0021 (J)
2/13/2017				0.011		0.0059		

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-21 (bg)
4/7/2017	0.0072	0.0046	<0.002		0.006	0.0051	0.0081	
4/10/2017								0.002 (J)
4/11/2017				0.011				
6/22/2017	0.0074		<0.002		0.0056	0.005		
6/23/2017		0.005						0.0018 (J)
6/24/2017				0.0095				
6/26/2017							0.0084	
10/9/2017							0.0082	0.0016 (J)
10/10/2017	0.0072	0.0088	<0.002		0.0073	0.005		
10/11/2017				0.0096				
3/22/2018	0.0074		<0.002 (D)		0.0051			
3/23/2018		0.0045				0.005		
3/26/2018				0.012			0.0088	0.0011 (J)
10/3/2018			<0.002		0.0052	0.0051	0.0086	0.0014 (J)
10/4/2018		0.0047		0.016				
10/5/2018	0.0083							
3/27/2019	0.0081	0.0048	<0.002		0.0056	0.0051	0.0078	0.003
3/28/2019				0.019				
9/12/2019	0.0088	0.0051	<0.002	0.027	0.0075	0.0085	0.0092	0.0047
3/19/2020		0.0043	<0.002	0.029	0.0055	0.0063	0.011	0.0026
3/20/2020	0.0085							
9/10/2020					0.0063		0.0077	0.0019 (J)
9/11/2020	0.0081	0.0042	<0.002	0.028		0.0053		
4/2/2021			<0.002				0.01	0.0029
4/5/2021	0.0084	0.0041		0.031		0.0061		
4/6/2021					0.0055			
8/12/2021		0.0045	<0.002		0.0096	0.0058	0.008	0.0016 (J)
8/13/2021	0.0082							
8/17/2021				0.034				
2/14/2022	0.0086	0.0047	<0.002	0.036	0.0076	0.0058		0.0026
2/15/2022							0.013	

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-21 (bg)	GWC-50	GWA-22 (bg)
12/20/2010	<0.001	<0.001	<0.001					
12/21/2010				<0.001	0.0052			
12/22/2010						<0.001	<0.001	0.003 (O)
2/1/2011	0.0072	<0.001						
2/14/2011			<0.001	<0.001	0.016	<0.001		<0.001
2/15/2011							<0.001	
3/21/2011		<0.001	<0.001	<0.001				
3/22/2011						<0.001	<0.001	<0.001
3/23/2011	<0.001				<0.001			
4/26/2011		<0.001	<0.001	<0.001		<0.001		<0.001
4/27/2011	<0.001				<0.001		<0.001	
10/25/2011					<0.001			
10/26/2011	<0.001		<0.001	<0.001			<0.001	
10/27/2011		<0.001				<0.001		<0.001
5/1/2012	<0.001		<0.001		0.0035 (J)	<0.001		<0.001
5/2/2012		<0.001		<0.001			<0.001	
11/8/2012	0.0066	0.0035 (O)	<0.001	<0.001	0.0046 (J)	<0.001	<0.001	<0.001
5/7/2013	0.022	<0.001			0.0087	<0.001		<0.001
5/8/2013			<0.001	<0.001			<0.001	
11/4/2013		<0.001	<0.001			<0.001	<0.001	<0.001
11/5/2013	0.0093			<0.001	0.0036 (J)			
5/23/2014	0.0045 (J)			<0.001	<0.001			
5/24/2014		<0.001	<0.001			<0.001	<0.001	<0.001
11/7/2014	0.0049 (J)	<0.001	<0.001	<0.001	0.0064			
11/8/2014						<0.001	<0.001	<0.001
5/20/2015		<0.001	<0.001					
5/21/2015	0.012			<0.001	0.0045 (J)	<0.001		<0.001
5/22/2015							<0.001	
11/12/2015	0.019			<0.001	0.0036 (J)			
11/13/2015		<0.001	<0.001			<0.001	<0.001	<0.001
4/6/2016						<0.001		
4/7/2016		<0.001	<0.001	<0.001	<0.001			
4/8/2016	<0.001							<0.001
4/11/2016							<0.001	
10/10/2016		<0.001	<0.001					
10/11/2016	<0.001			<0.001		<0.001	<0.001	<0.001
10/14/2016					<0.001			
4/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
4/10/2017						<0.001		
10/9/2017						0.0024 (O)		<0.001
10/10/2017	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
3/22/2018	<0.001		<0.001 (D)	<0.001				
3/23/2018		<0.001			<0.001		<0.001	
3/26/2018						<0.001		<0.001 (D)
10/3/2018			<0.001	<0.001	<0.001	<0.001		<0.001
10/4/2018		<0.001					<0.001	
10/5/2018	<0.001							
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
3/28/2019							<0.001	
9/12/2019	<0.001	0.0004 (J)	0.00061 (J)	0.00043 (J)	<0.001	0.00097 (J)	0.0012	<0.001
3/19/2020		<0.001	0.00074 (J)	<0.001	0.0004 (J)	0.00037 (J)	0.0015	<0.001
3/20/2020	<0.001							

FIGURE F.

Appendix I Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 12:54 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-45 (bg)	0.004748	248	124	Yes	27	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.0004195	221	146	Yes	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0004695	249	152	Yes	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.0008166	360	152	Yes	31	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0004307	-213	-152	Yes	31	12.9	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005685	267	152	Yes	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.001461	294	152	Yes	31	3.226	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-48 (bg)	-0.0001651	-135	-118	Yes	26	57.69	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-48 (bg)	0.0005844	159	111	Yes	25	4	n/a	n/a	0.01	NP

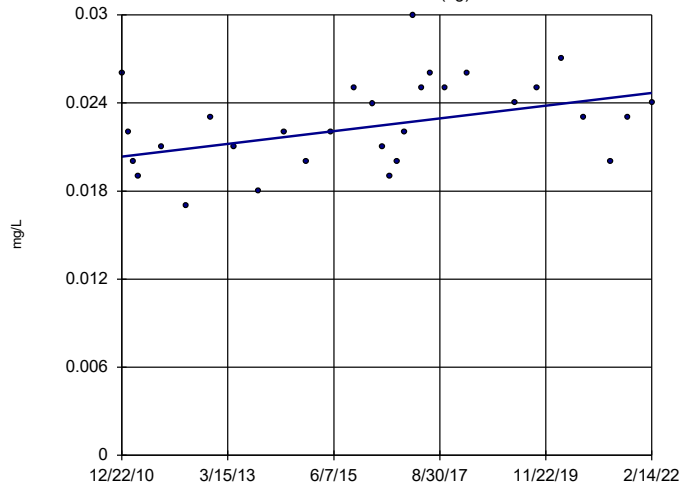
Appendix I Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 12:54 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-21 (bg)	0.0003891	126	146	No	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003132	-120	-152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.004748	248	124	Yes	27	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.0004195	221	146	Yes	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-47 (bg)	-0.0007935	-99	-146	No	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-48 (bg)	0	-22	-139	No	29	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-49 (bg)	0	28	152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0004695	249	152	Yes	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-50	0.0001889	145	152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.0008166	360	152	Yes	31	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0004307	-213	-152	Yes	31	12.9	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005685	267	152	Yes	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-45 (bg)	0	0	139	No	29	100	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-46 (bg)	0.00004855	61	152	No	31	3.226	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-47 (bg)	-0.000239	-53	-152	No	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-48 (bg)	-0.0003392	-110	-152	No	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-49 (bg)	0	9	152	No	31	3.226	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.001461	294	152	Yes	31	3.226	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-21 (bg)	0	-52	-111	No	25	80	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-22 (bg)	0	-21	-111	No	25	88	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-45 (bg)	0	-70	-118	No	26	80.77	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-46 (bg)	0	-14	-111	No	25	96	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-47 (bg)	0	-68	-118	No	26	69.23	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-48 (bg)	-0.0001651	-135	-118	Yes	26	57.69	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-49 (bg)	0	-34	-118	No	26	84.62	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWC-50	0	13	118	No	26	76.92	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-21 (bg)	0	51	111	No	25	52	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-22 (bg)	6.1e-12	50	111	No	25	48	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-45 (bg)	0	69	111	No	25	60	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-46 (bg)	0	-4	-111	No	25	16	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-47 (bg)	-0.0005	-49	-118	No	26	7.692	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-48 (bg)	0.0005844	159	111	Yes	25	4	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-49 (bg)	0.0001923	97	118	No	26	0	n/a	n/a	0.01	NP

Sen's Slope Estimator

GWA-21 (bg)

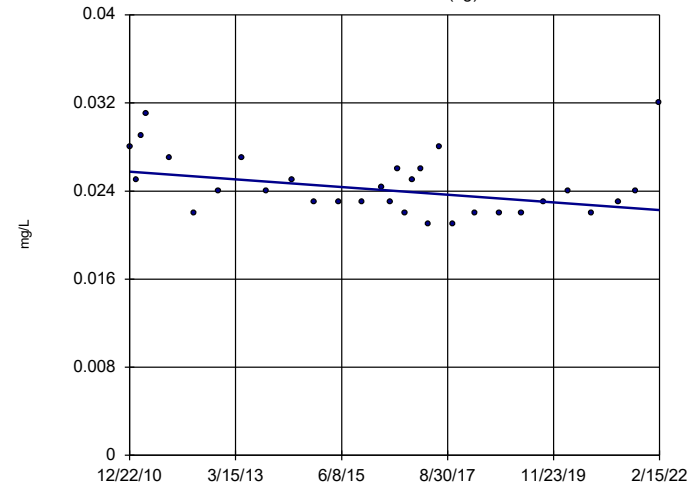


n = 30
 Slope = 0.0003891
 units per year.
 Mann-Kendall
 statistic = 126
 critical = 146
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

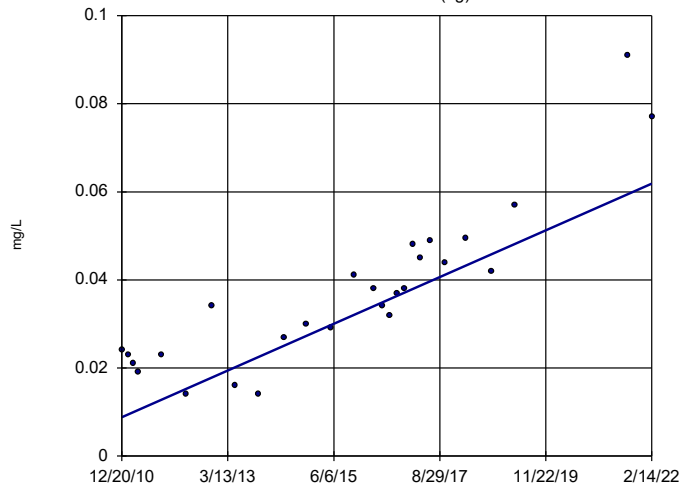


n = 31
 Slope = -0.0003132
 units per year.
 Mann-Kendall
 statistic = -120
 critical = -152
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

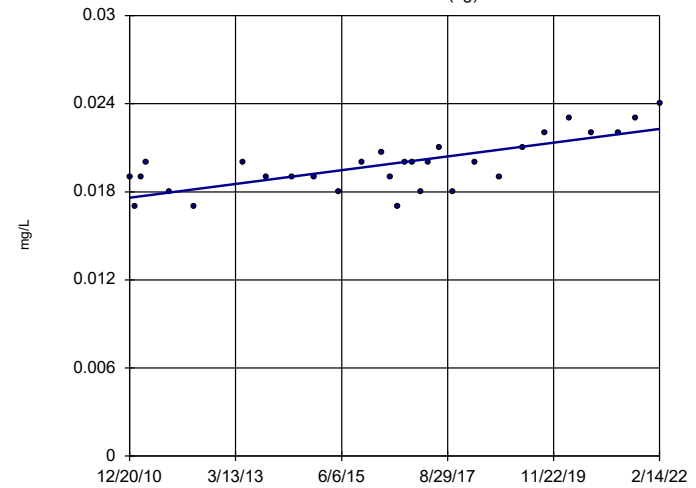


n = 27
 Slope = 0.004748
 units per year.
 Mann-Kendall
 statistic = 248
 critical = 124
 Increasing trend
 significant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

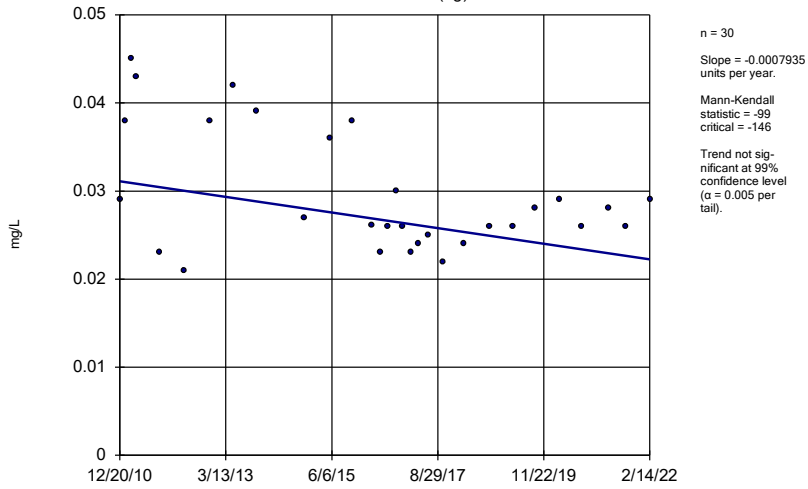


n = 30
 Slope = 0.0004195
 units per year.
 Mann-Kendall
 statistic = 221
 critical = 146
 Increasing trend
 significant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

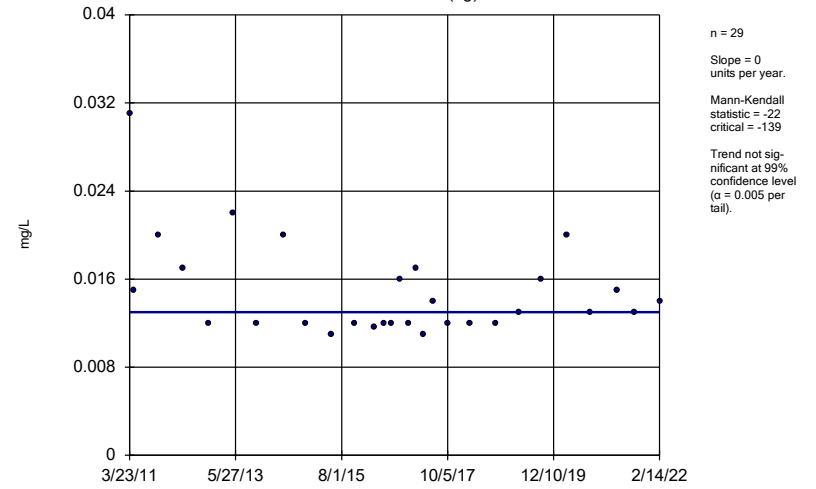
GWA-47 (bg)



Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

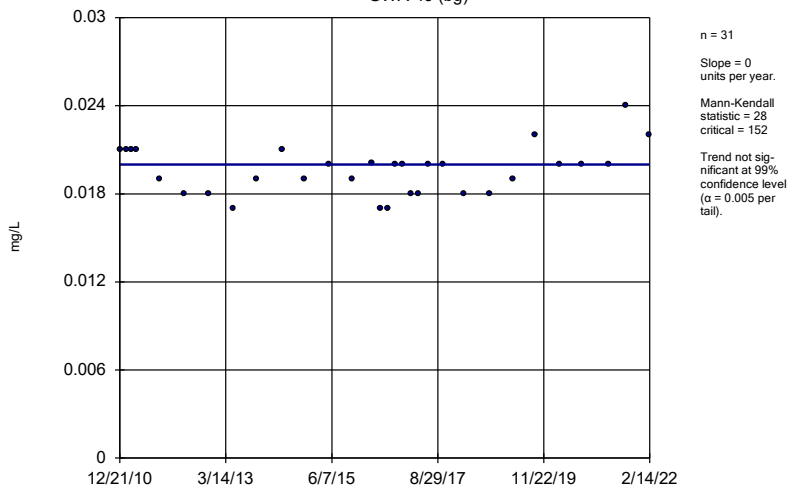
GWA-48 (bg)



Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

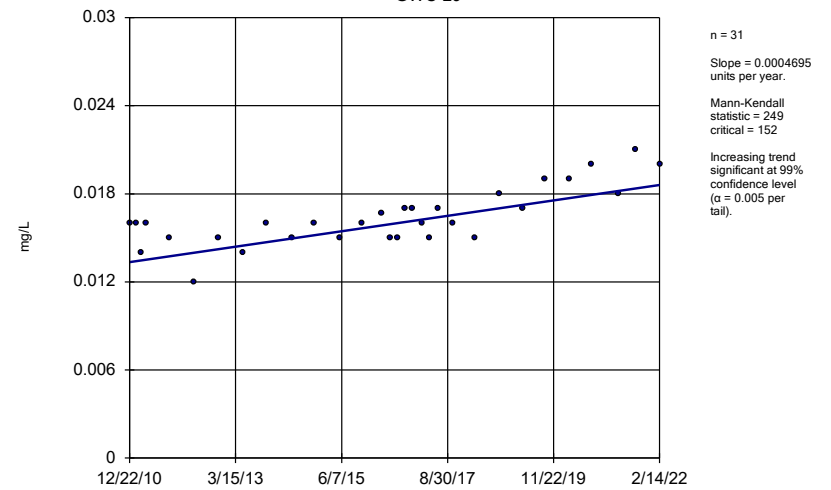
GWA-49 (bg)



Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

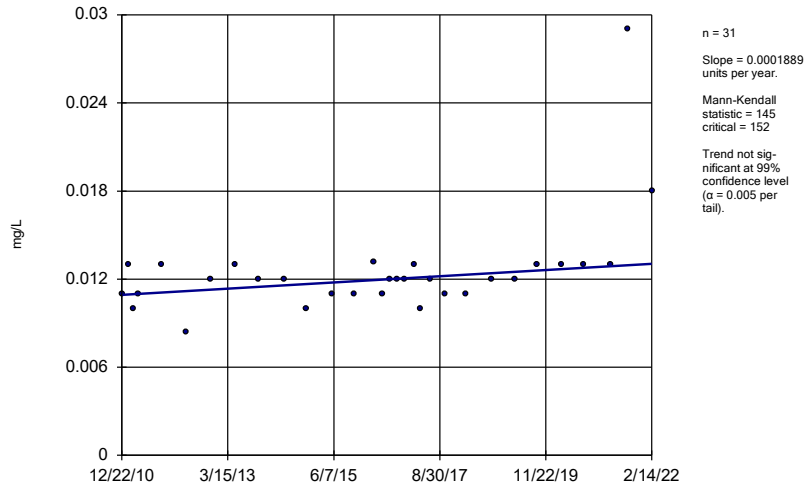
Sen's Slope Estimator

GWC-29



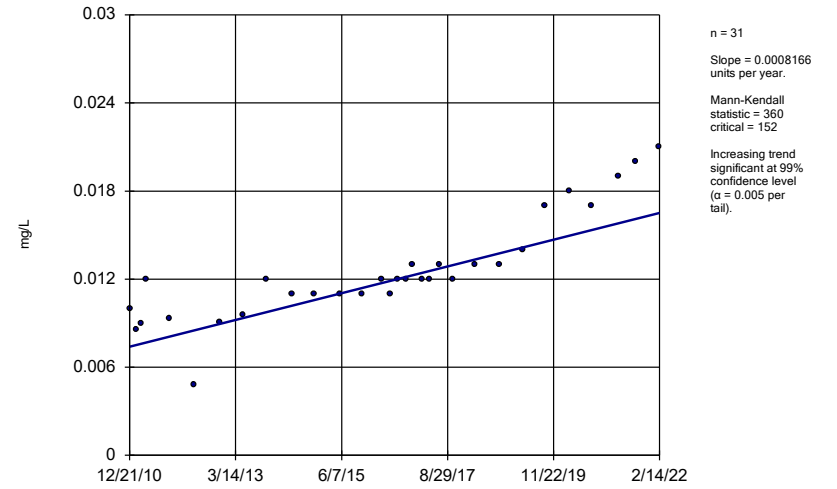
Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWC-50



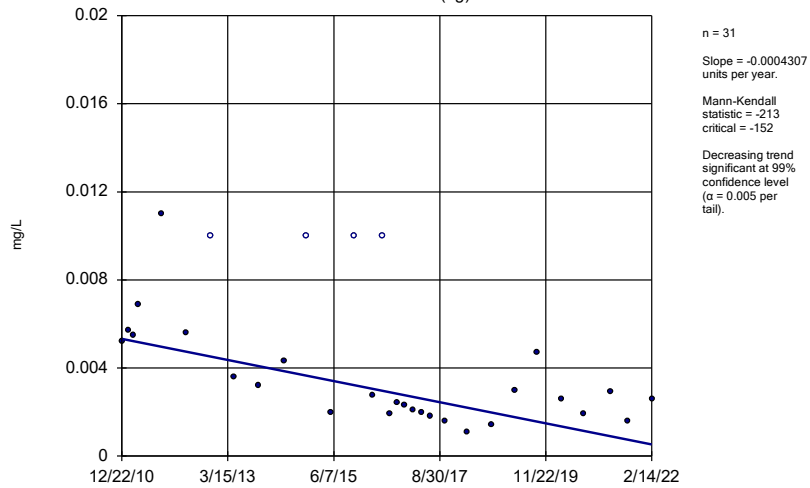
Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWC-52



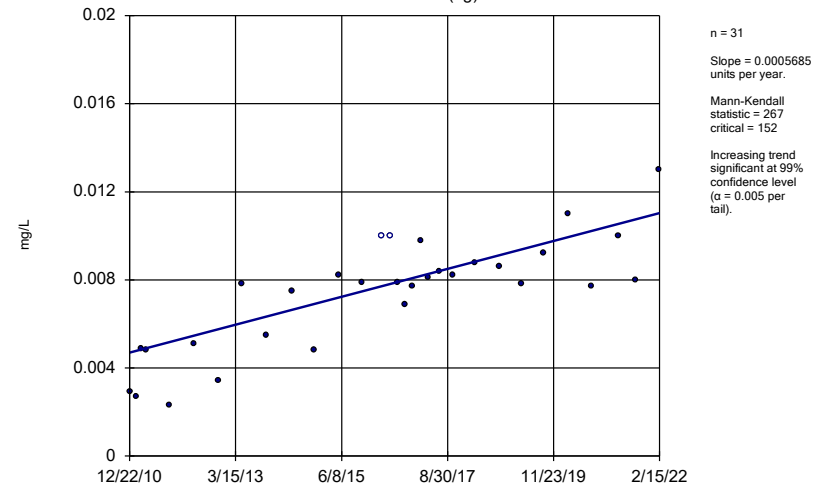
Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWA-21 (bg)



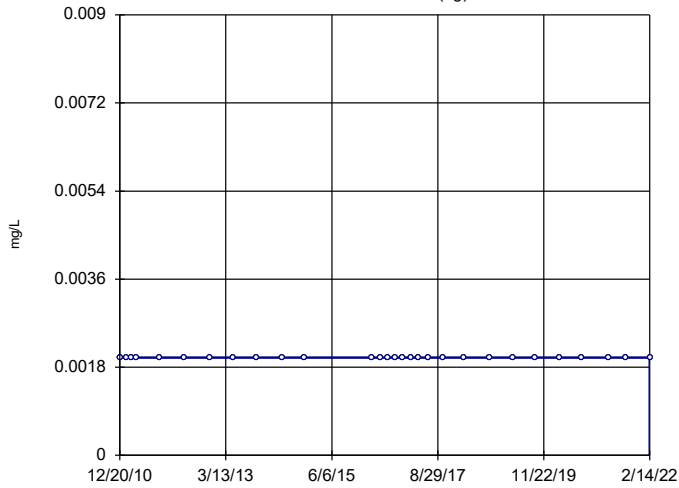
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWA-22 (bg)



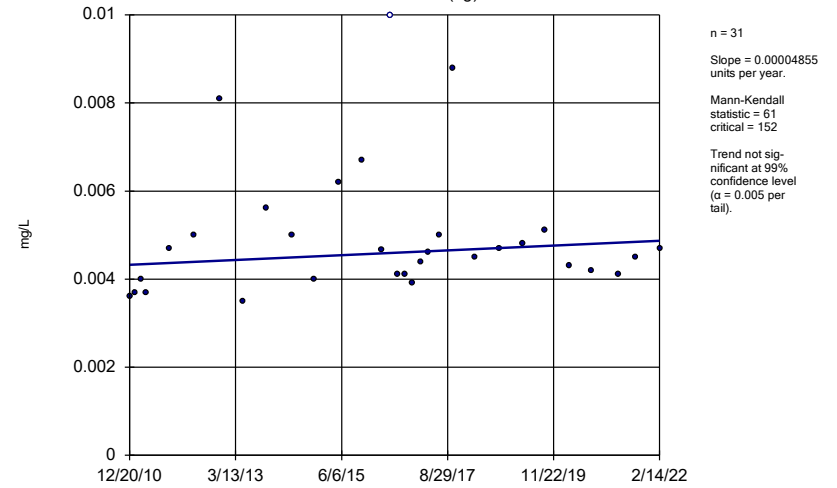
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-45 (bg)



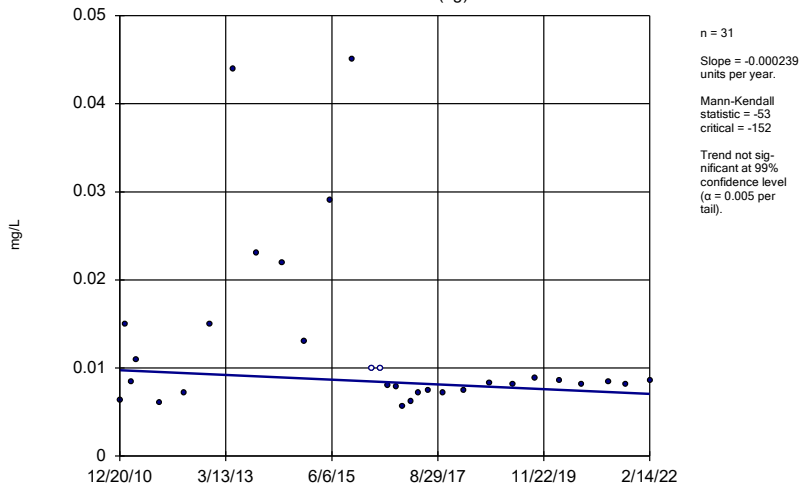
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-46 (bg)



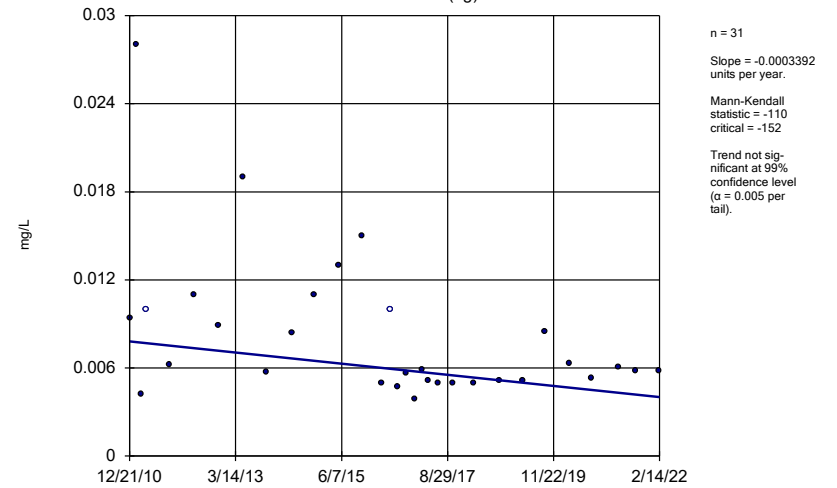
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-47 (bg)



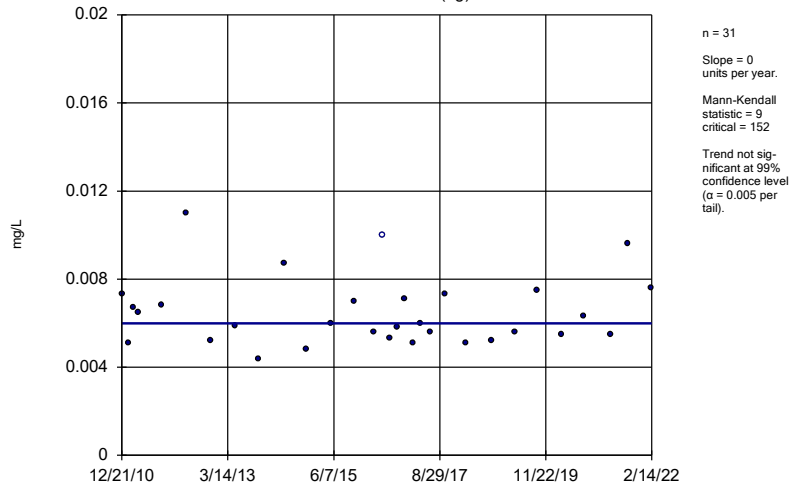
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-48 (bg)



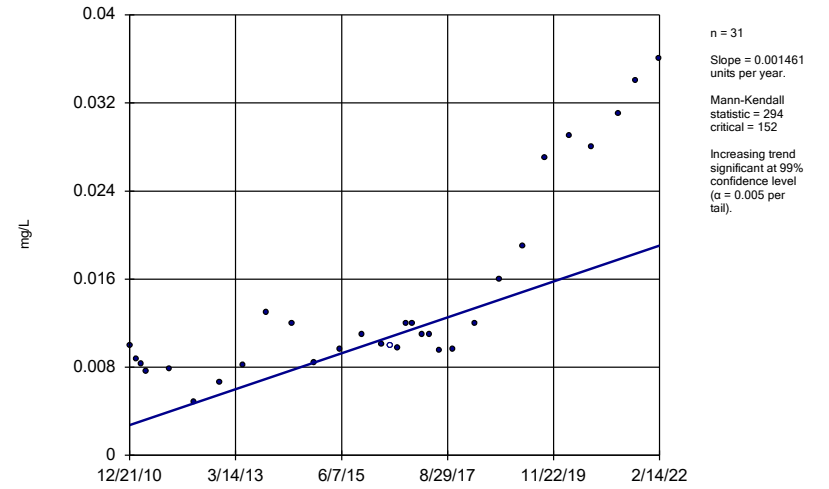
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-49 (bg)



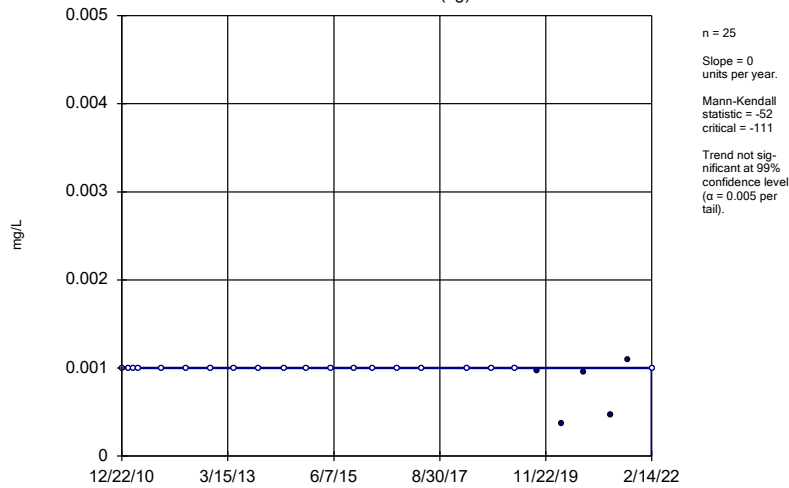
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWC-52



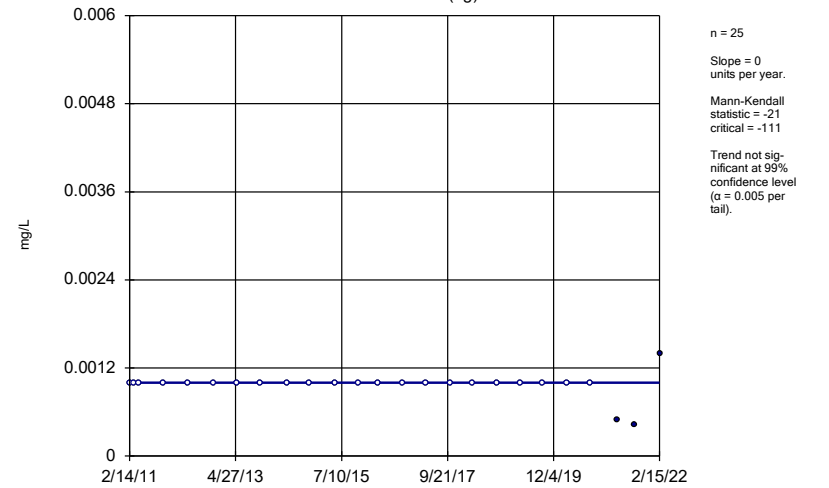
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-21 (bg)



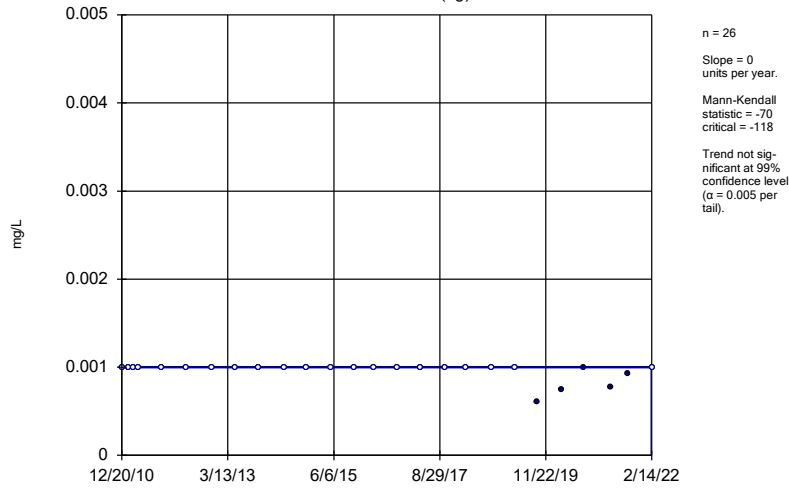
Constituent: Nickel, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-22 (bg)



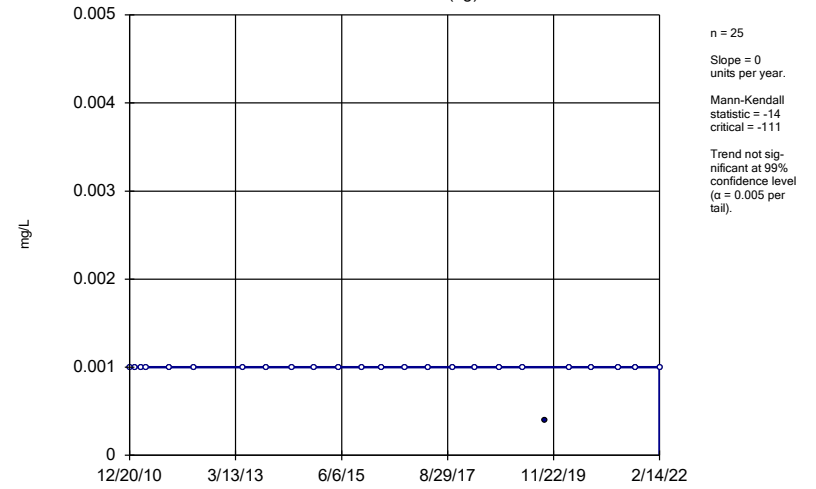
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWA-45 (bg)



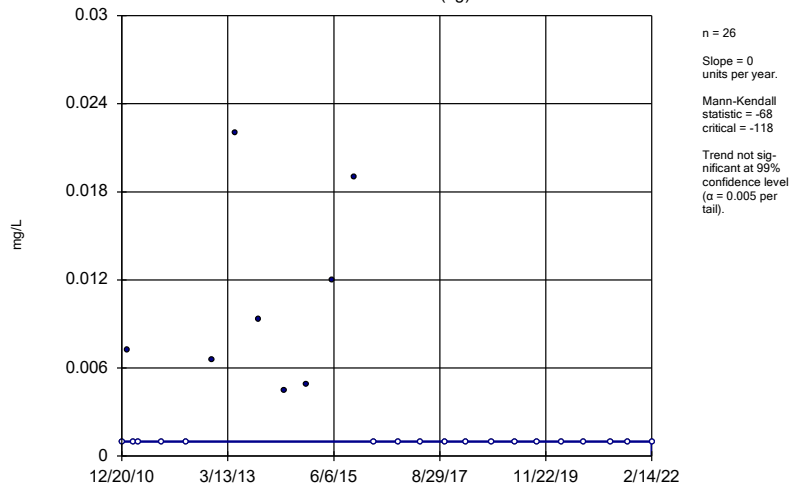
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWA-46 (bg)



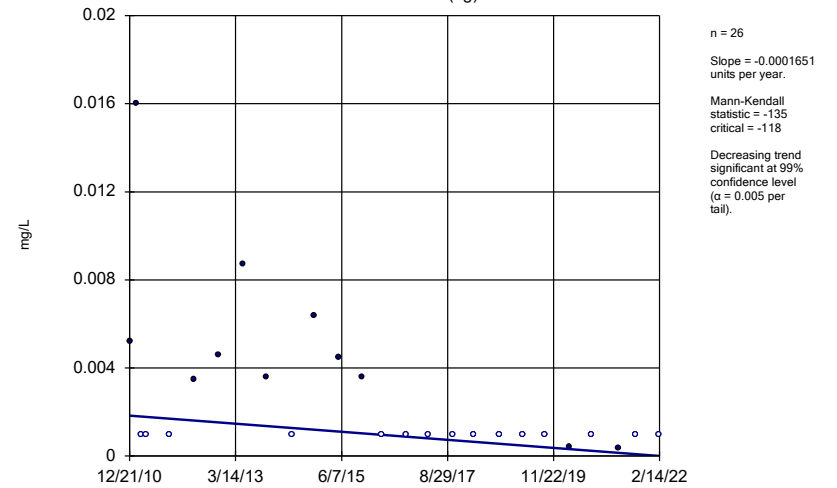
Constituent: Nickel, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWA-47 (bg)



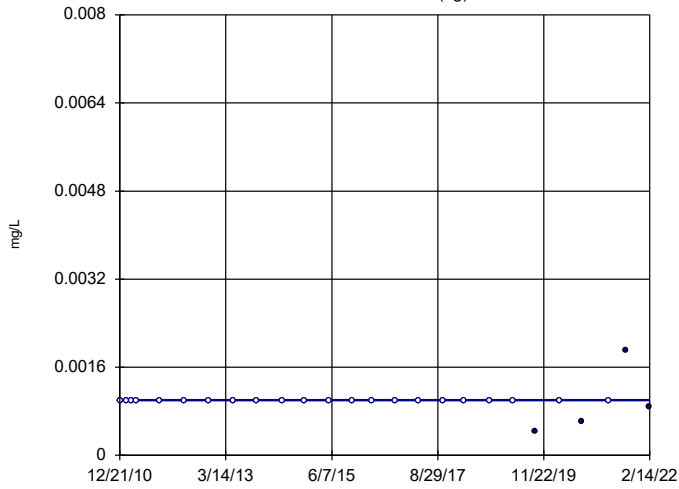
Constituent: Nickel, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWA-48 (bg)



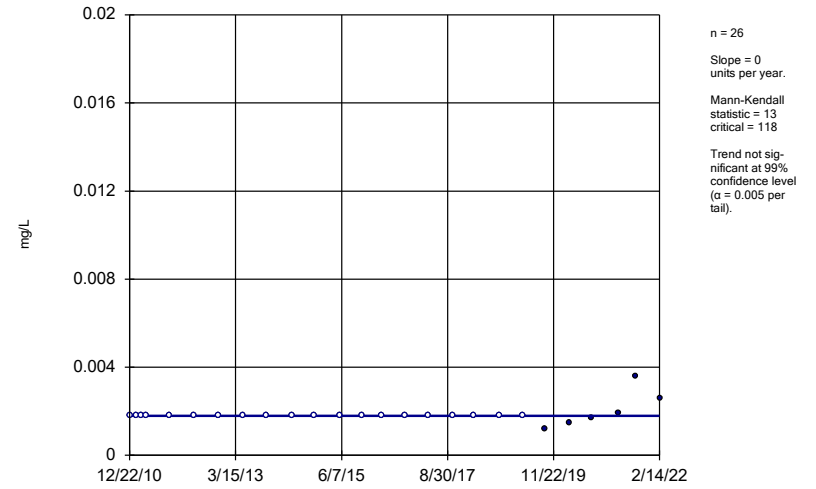
Constituent: Nickel, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWA-49 (bg)



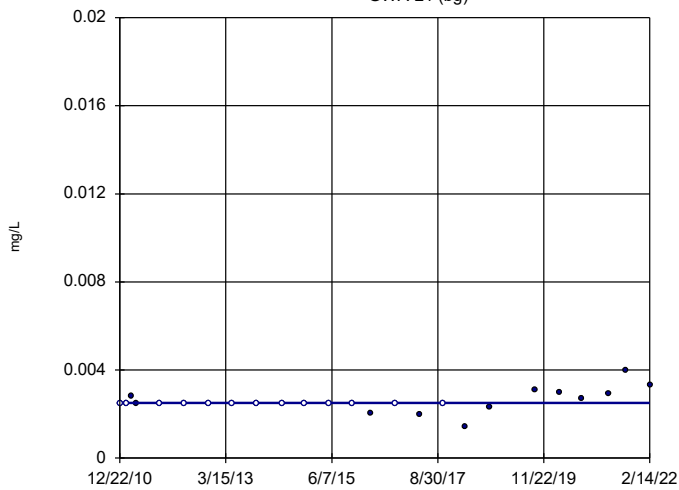
Constituent: Nickel, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWC-50



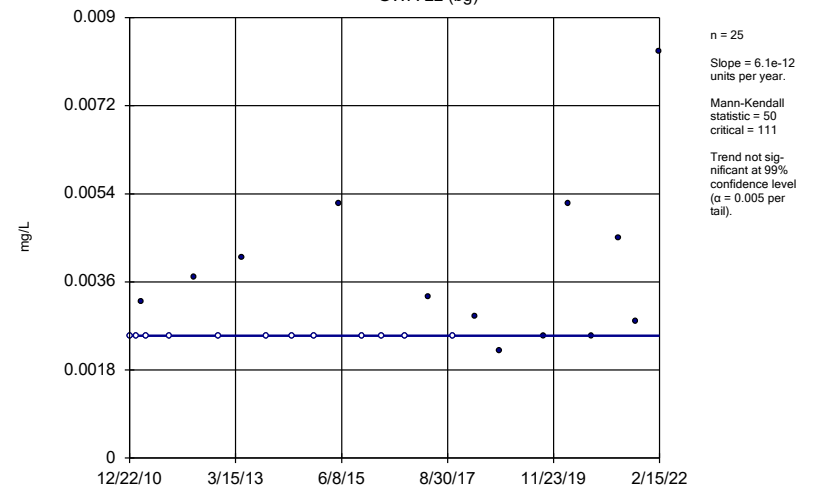
Constituent: Nickel, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWA-21 (bg)



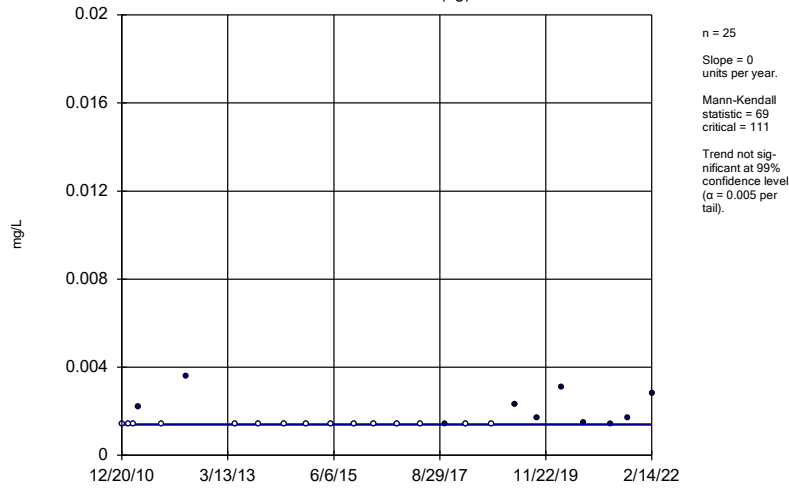
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWA-22 (bg)



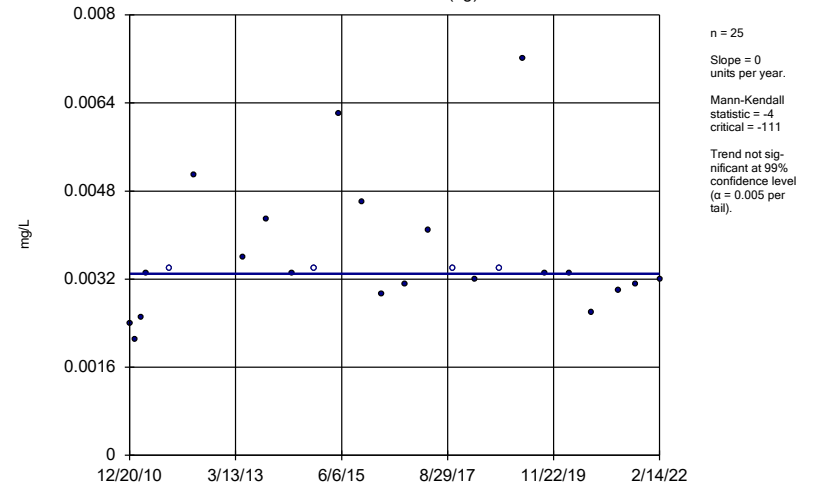
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-45 (bg)



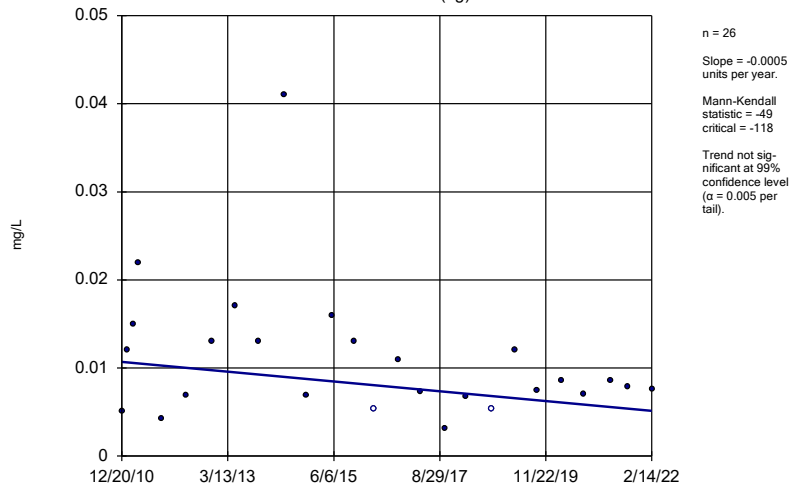
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-46 (bg)



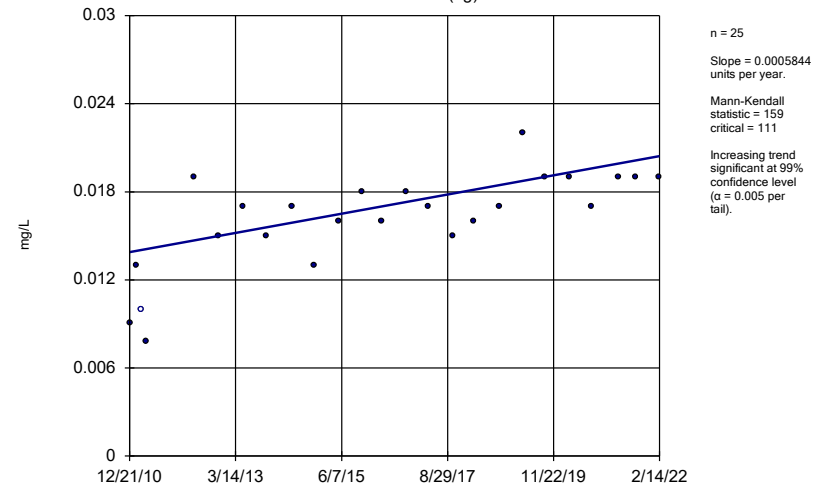
Constituent: Vanadium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-47 (bg)



Constituent: Vanadium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

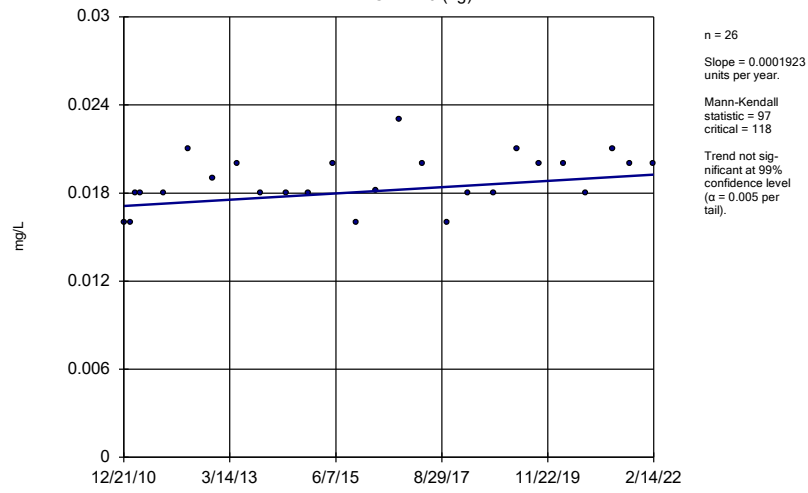
Sen's Slope Estimator
GWA-48 (bg)



Constituent: Vanadium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)



Constituent: Vanadium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

FIGURE G.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWA-46	4.852	n/a	2/14/2022	5	Yes	15	3.488	0.6223	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.599	n/a	2/15/2022	7.6	Yes	14	6.793	0.3605	0	None	No	0.001504 Param Intra 1 of 2
pH (S.U.)	GWA-21	5.979	5.611	2/14/2022	5.99	Yes	17	5.795	0.08654	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-22	6.255	5.546	2/15/2022	6.4	Yes	18	5.901	0.1685	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	2/14/2022	6.6	Yes	19	6.443	0.06488	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	2/14/2022	7.1	Yes	17	6.858	0.09329	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	2/14/2022	6.29	Yes	17	5.855	0.09566	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	2/15/2022	6.02	Yes	18	5.854	0.05721	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	2/14/2022	6.79	Yes	18	6.652	0.06447	0	None	No	0.000752 Param Intra 1 of 2
Sulfate (mg/L)	GWC-52	26.14	n/a	2/14/2022	56	Yes	11	12.62	5.636	9.091	None	No	0.001504 Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.23	n/a	2/14/2022	0.86	No	15	0.5984	0.288	0	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.103	n/a	2/14/2022	1	No	15	0.9376	0.0752	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.54	n/a	2/14/2022	8	No	15	8.885	1.213	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.681	n/a	2/15/2022	9.6	No	15	6.973	1.235	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	46.75	n/a	2/14/2022	26	No	15	36.75	4.558	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.002	n/a	2/14/2022	5.9	No	15	5.705	0.5914	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.34	n/a	2/14/2022	11	No	15	10.91	0.6552	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.32	n/a	2/14/2022	11	No	15	12.53	0.813	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	15.64	n/a	2/14/2022	13	No	15	14.17	0.6715	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-29	16	n/a	2/14/2022	16	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-50	8.176	n/a	2/14/2022	6.5	No	15	7.156	0.465	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	7.763	n/a	2/15/2022	6.4	No	15	6.72	0.4754	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	19.24	n/a	2/14/2022	18	No	15	14.34	2.233	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-53	21.11	n/a	2/14/2022	16	No	15	17.19	1.786	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.319	n/a	2/14/2022	4	No	15	3.296	0.4668	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	4.968	n/a	2/15/2022	1.8	No	15	2.927	0.9308	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	12	n/a	2/14/2022	10	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	4.852	n/a	2/14/2022	5	Yes	15	3.488	0.6223	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.787	n/a	2/14/2022	1.5	No	15	1.478	0.1408	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	1.996	n/a	2/14/2022	1.8	No	14	1.724	0.1215	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.384	n/a	2/14/2022	2	No	15	2.072	0.1421	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.145	n/a	2/14/2022	3.8	No	14	3.393	0.3362	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.183	n/a	2/14/2022	1.9	No	15	1.953	0.105	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.599	n/a	2/15/2022	7.6	Yes	14	6.793	0.3605	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.538	n/a	2/14/2022	7.6	No	14	7.9	0.2855	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	2/14/2022	12	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-21	0.082	n/a	2/14/2022	0.058J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	2/15/2022	0.088J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	2/14/2022	0.052J	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.1	n/a	2/14/2022	0.05J	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	2/14/2022	0.068J	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	2/14/2022	0.056J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.082	n/a	2/14/2022	0.07J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.082	n/a	2/14/2022	0.074J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	2/14/2022	0.057J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	2/15/2022	0.06J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	2/14/2022	0.055J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	2/14/2022	0.041J	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-21	5.979	5.611	2/14/2022	5.99	Yes	17	5.795	0.08654	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.255	5.546	2/15/2022	6.4	Yes	18	5.901	0.1685	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.48	5.95	2/14/2022	6.31	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	2/14/2022	5.85	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	2/14/2022	6.6	Yes	19	6.443	0.06488	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.953	6.562	2/14/2022	6.93	No	17	6.758	0.09196	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	2/14/2022	7.1	Yes	17	6.858	0.09329	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	2/14/2022	6.29	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-50	5.967	5.667	2/14/2022	5.9	No	18	5.817	0.07136	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	2/15/2022	6.02	Yes	18	5.854	0.05721	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	2/14/2022	6.79	Yes	18	6.652	0.06447	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.76	5.427	2/14/2022	5.65	No	17	5.594	0.07834	0	None	No	0.000752	Param Intra 1 of 2

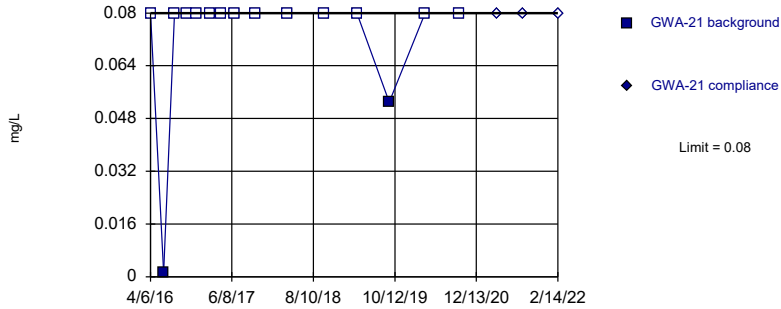
Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Sulfate (mg/L)	GWA-21	2.559	n/a	2/14/2022	1	No	15	1.375	0.5398	6.667	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1	n/a	2/15/2022	0.87J	No	15	n/a	n/a	93.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	183.3	n/a	2/14/2022	130	No	15	147.8	16.19	0	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1	n/a	2/14/2022	1ND	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1	n/a	2/14/2022	1ND	No	15	n/a	n/a	80	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.689	n/a	2/14/2022	1.2	No	15	1.235	0.2069	0	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1	n/a	2/14/2022	0.85J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.367	n/a	2/14/2022	2.9	No	15	2.643	0.33	6.667	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	1	n/a	2/14/2022	1ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	2.7	n/a	2/15/2022	1.8	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.14	n/a	2/14/2022	56	Yes	11	12.62	5.636	9.091	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	186.4	n/a	2/14/2022	150	No	15	153.7	14.9	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	129.8	n/a	2/14/2022	100	No	15	85.4	20.24	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	105.2	n/a	2/15/2022	85	No	15	66.13	17.82	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	366.7	n/a	2/14/2022	290	No	15	271.8	43.29	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	94.72	n/a	2/14/2022	68	No	15	51.77	19.59	6.667	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	118.4	n/a	2/14/2022	94	No	15	86.07	14.72	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	126.5	n/a	2/14/2022	100	No	15	92.53	15.48	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	131.2	n/a	2/14/2022	110	No	14	107.4	10.65	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	139.5	n/a	2/14/2022	120	No	15	90.67	22.27	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	119.1	n/a	2/14/2022	79	No	15	70.53	22.17	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	108.7	n/a	2/15/2022	67	No	14	77.07	14.12	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	193.6	n/a	2/14/2022	150	No	15	128.3	29.78	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	332.3	n/a	2/14/2022	280	No	15	254.5	35.48	0	None	No	0.001504 Param Intra 1 of 2

Within Limit

Prediction Limit
Intrawell Non-parametric

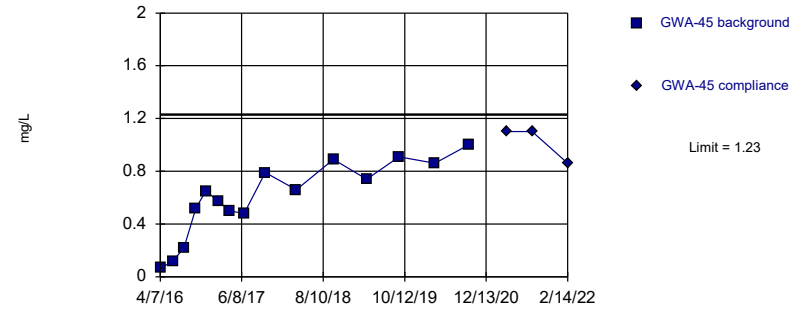


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

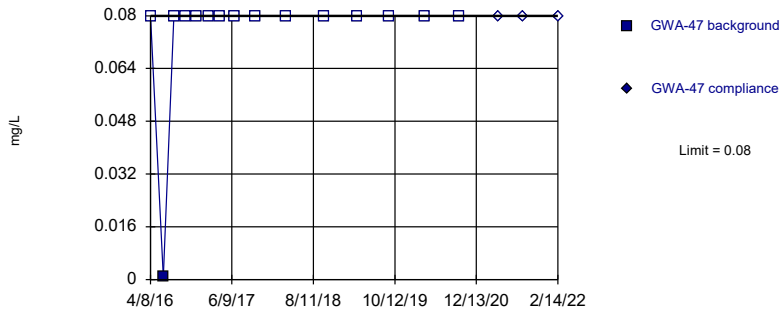


Background Data Summary: Mean=0.5984, Std. Dev.=0.288, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9372, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

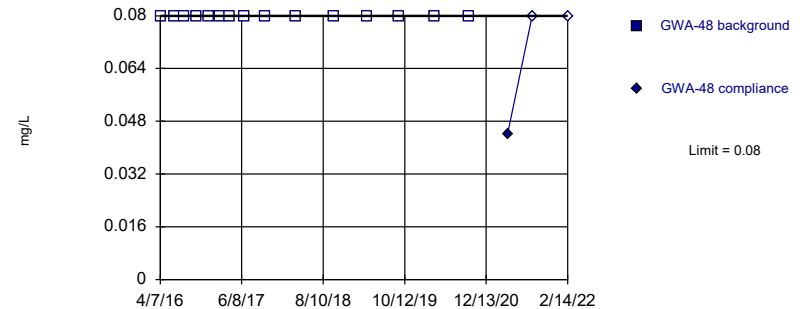


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

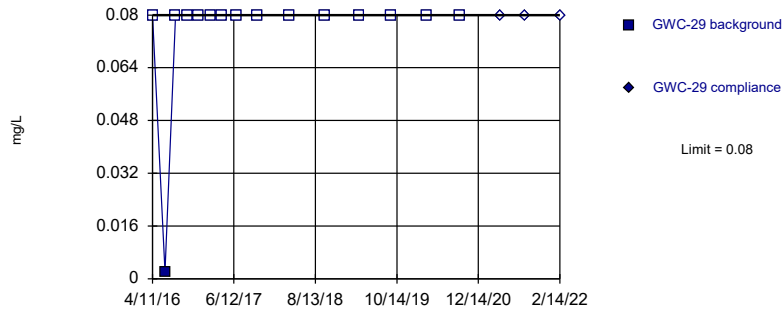


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

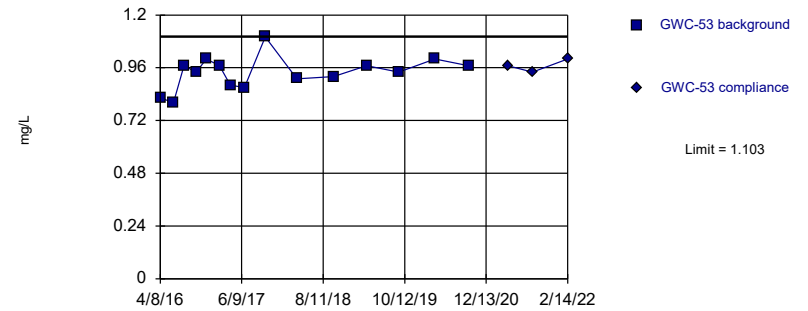


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

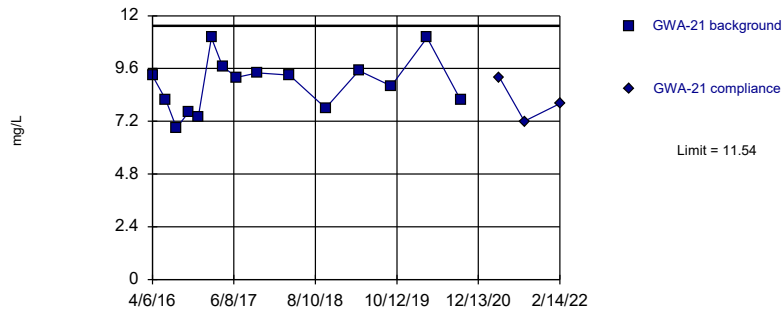


Background Data Summary: Mean=0.9376, Std. Dev.=0.0752, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

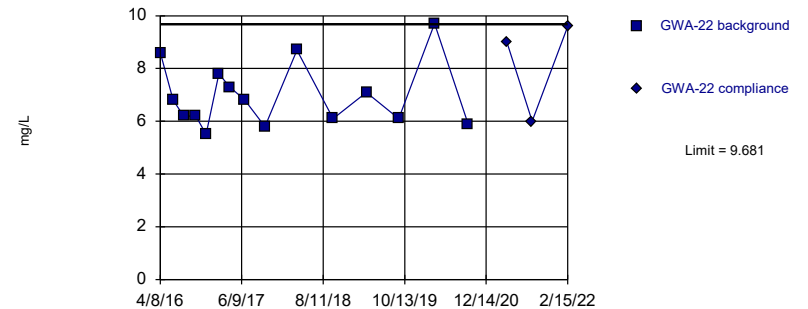


Background Data Summary: Mean=8.885, Std. Dev.=1.213, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

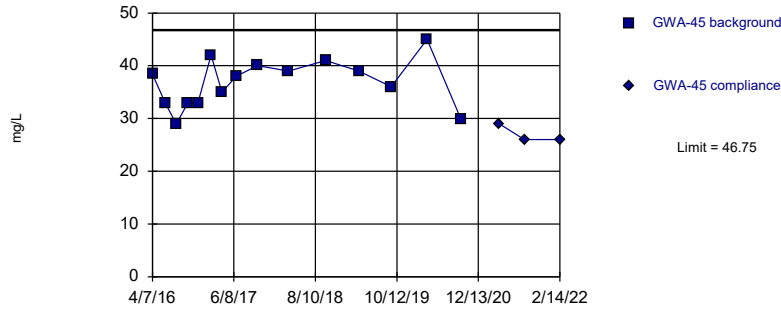


Background Data Summary: Mean=6.973, Std. Dev.=1.235, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8995, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

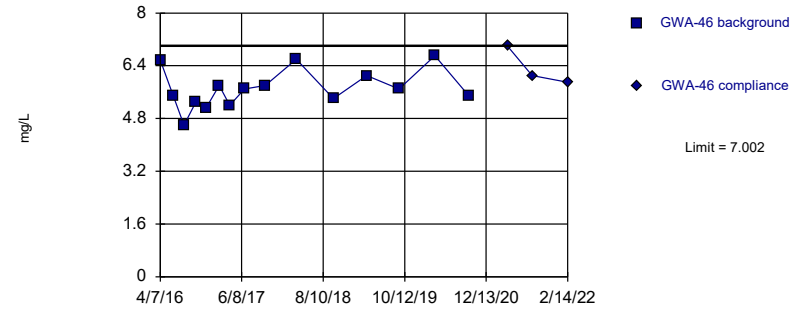


Background Data Summary: Mean=36.75, Std. Dev.=4.558, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

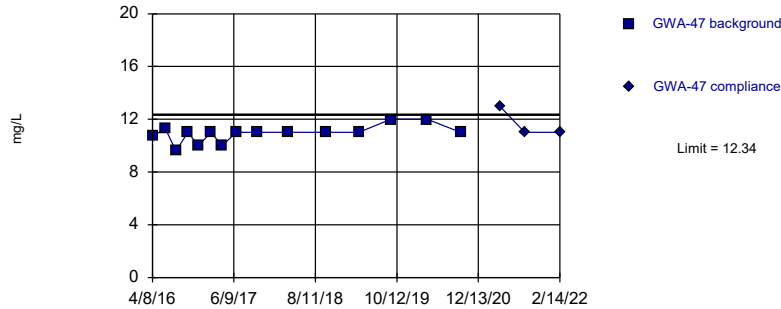


Background Data Summary: Mean=5.705, Std. Dev.=0.5914, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9516, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

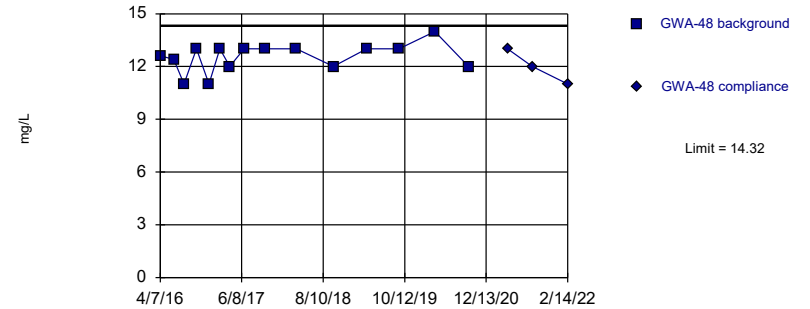


Background Data Summary: Mean=10.91, Std. Dev.=0.6552, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8635, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

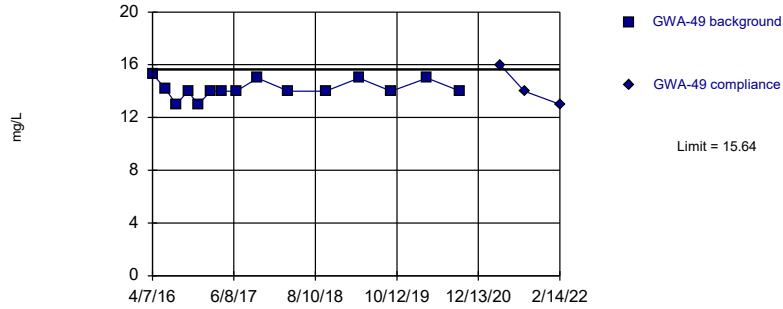


Background Data Summary: Mean=12.53, Std. Dev.=0.813, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8771, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

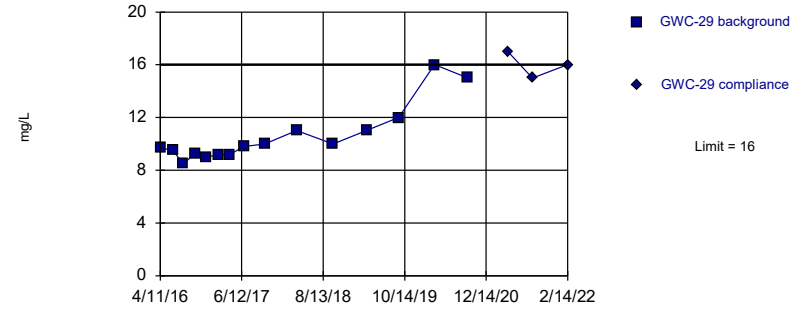


Background Data Summary: Mean=14.17, Std. Dev.=0.6715, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8453, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

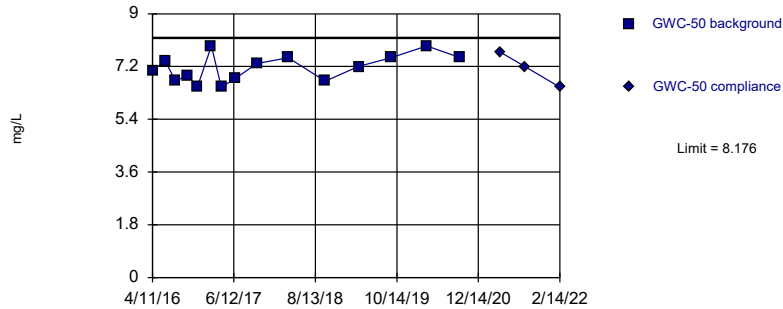


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

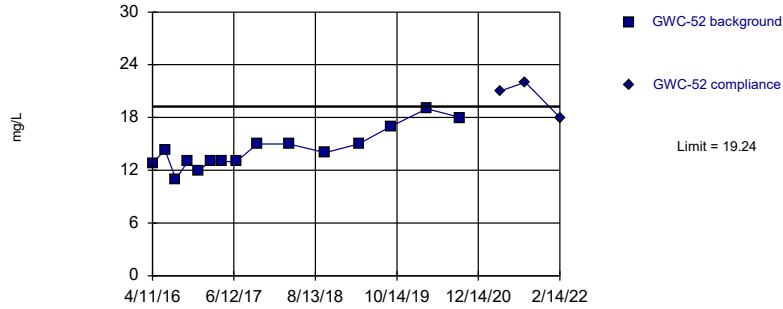
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

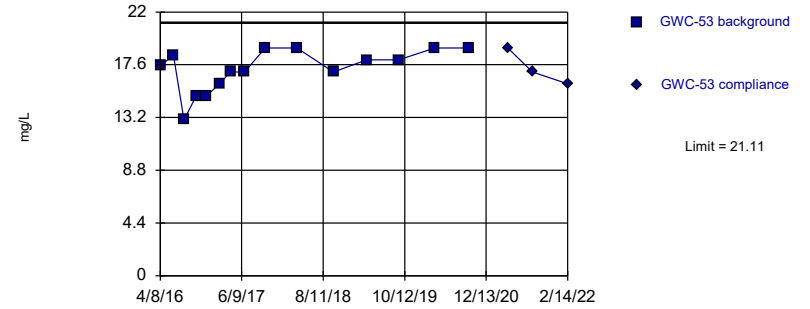


Background Data Summary: Mean=14.34, Std. Dev.=2.233, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9238, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

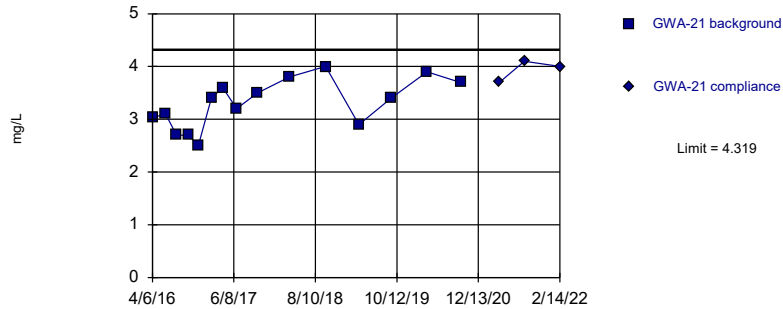


Background Data Summary: Mean=17.19, Std. Dev.=1.786, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8874, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

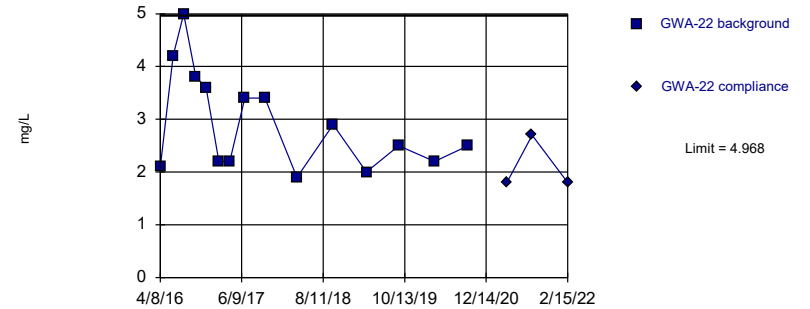


Background Data Summary: Mean=3.296, Std. Dev.=0.4668, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9635, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

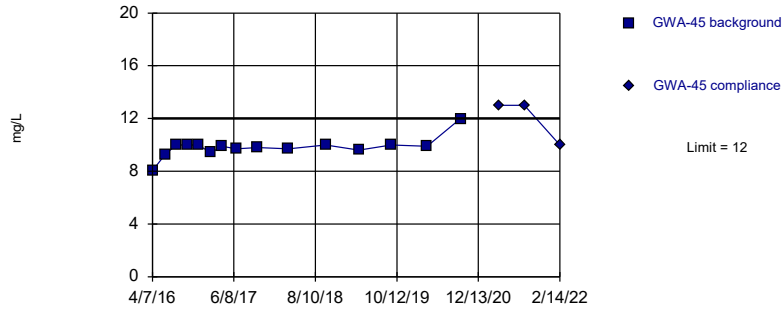


Background Data Summary: Mean=2.927, Std. Dev.=0.9308, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8957, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

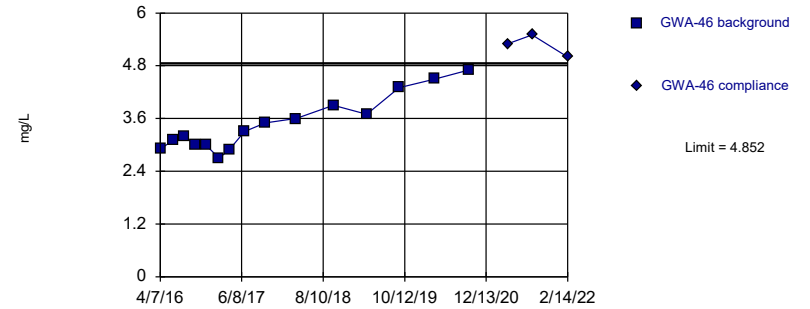


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

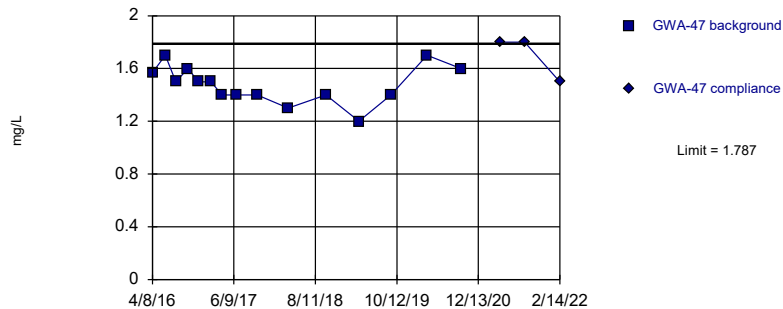


Background Data Summary: Mean=3.488, Std. Dev.=0.6223, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9136, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

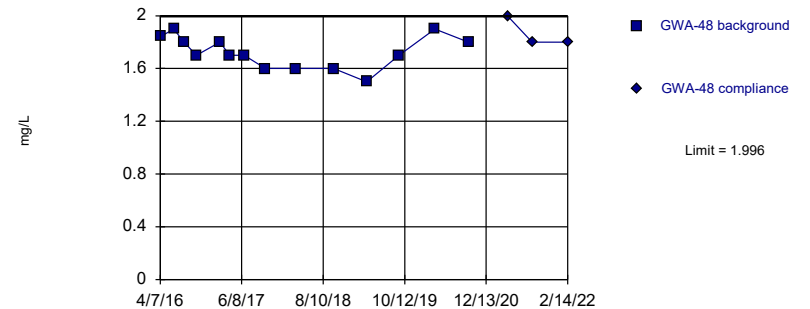


Background Data Summary: Mean=1.478, Std. Dev.=0.1408, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9491, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

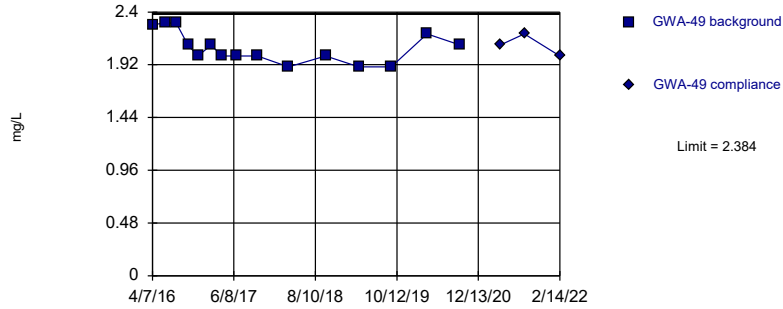
Within Limit

Prediction Limit Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

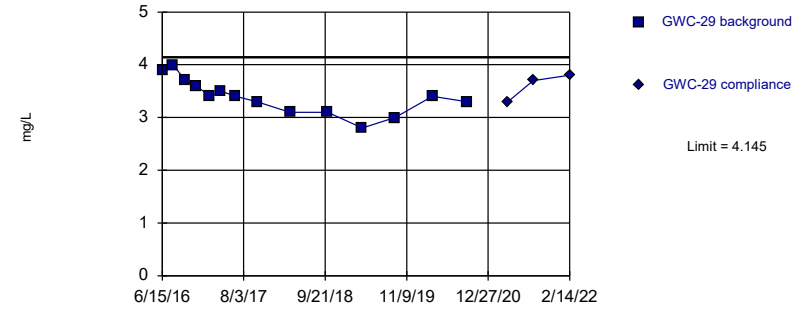


Background Data Summary: Mean=2.072, Std. Dev.=0.1421, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.879, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

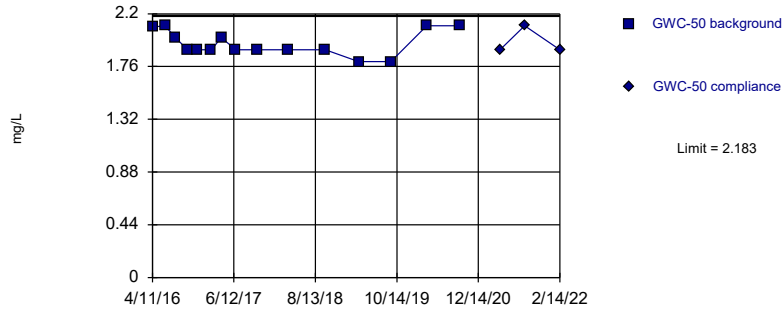


Background Data Summary: Mean=3.393, Std. Dev.=0.3362, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9776, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

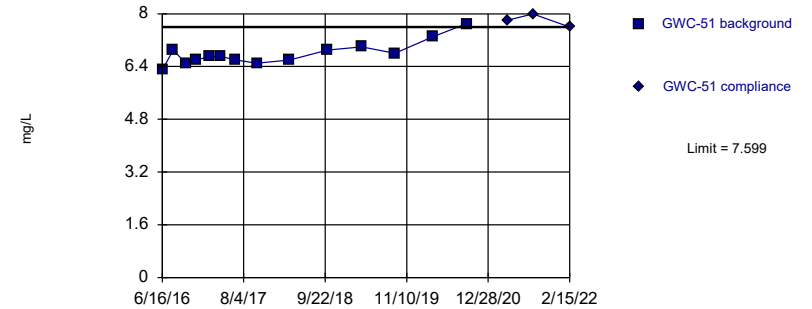


Background Data Summary: Mean=1.953, Std. Dev.=0.105, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8463, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

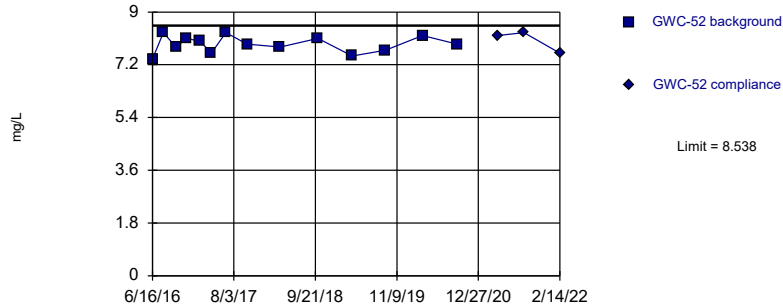


Background Data Summary: Mean=6.793, Std. Dev.=0.3605, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8947, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

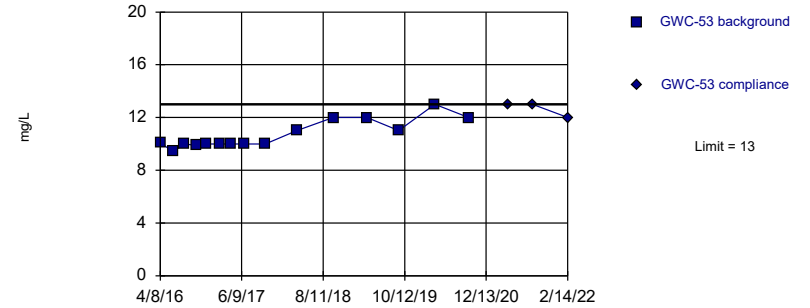


Background Data Summary: Mean=7.9, Std. Dev.=0.2855, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9613, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

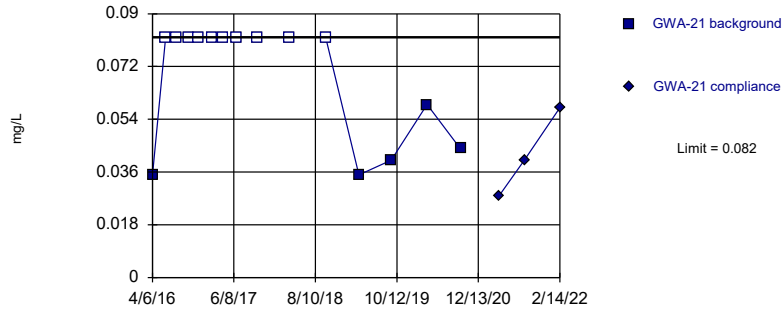


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

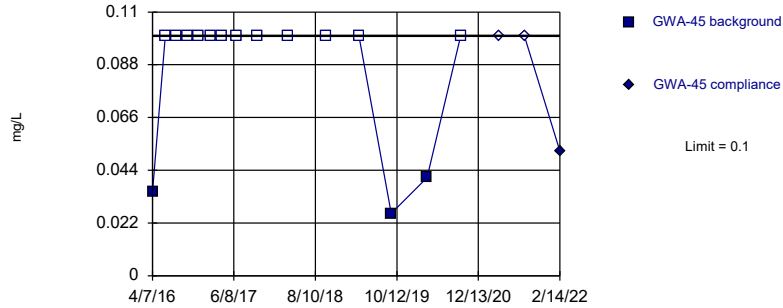
Within Limit

Prediction Limit
Intrawell Non-parametric



Within Limit

Prediction Limit
Intrawell Non-parametric

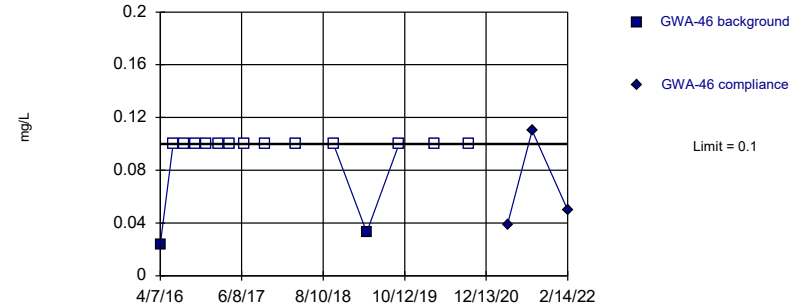


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

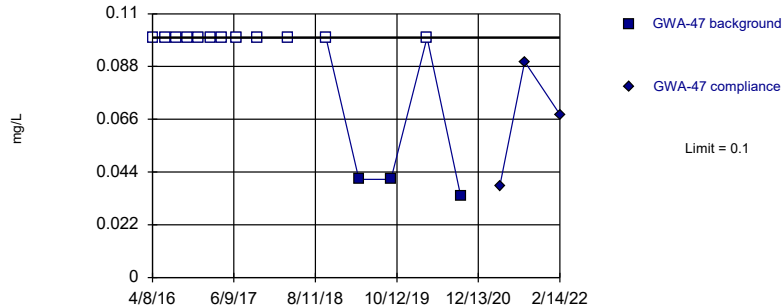


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

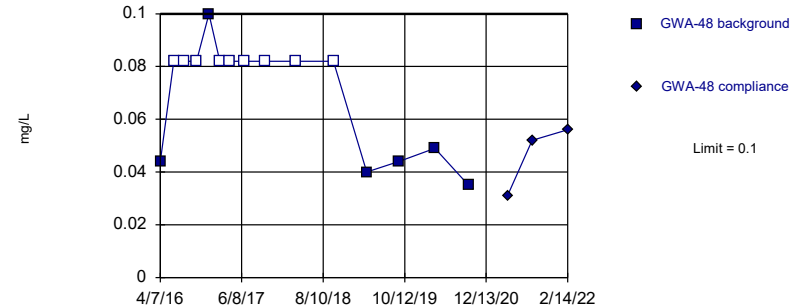


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

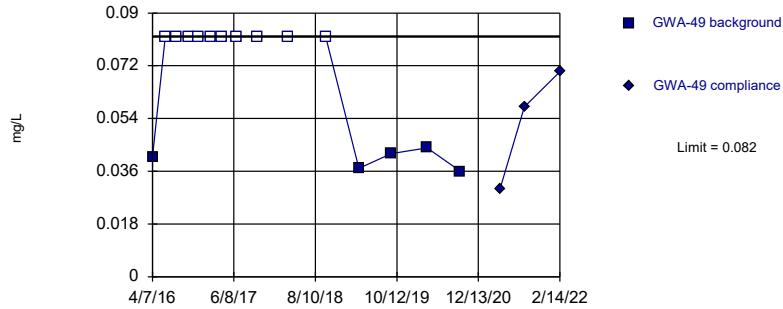


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

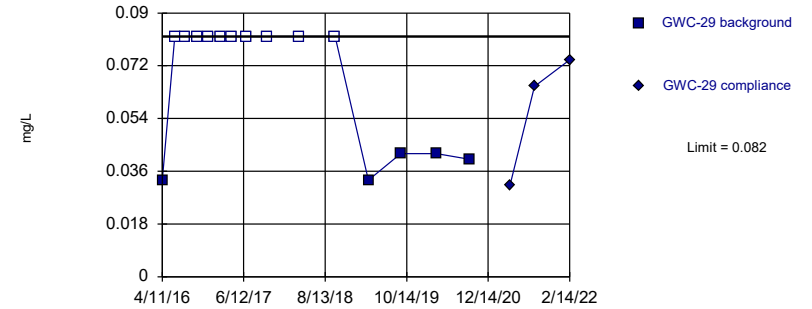


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

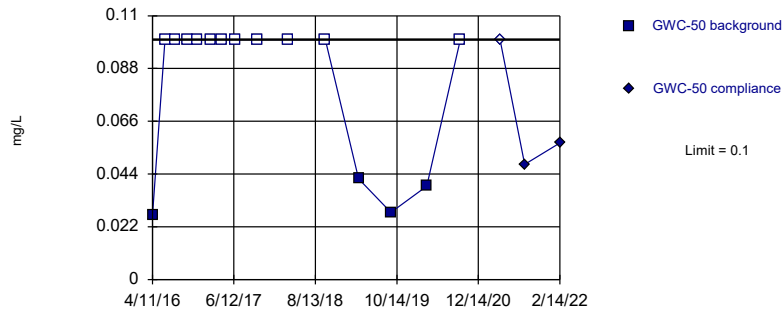


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

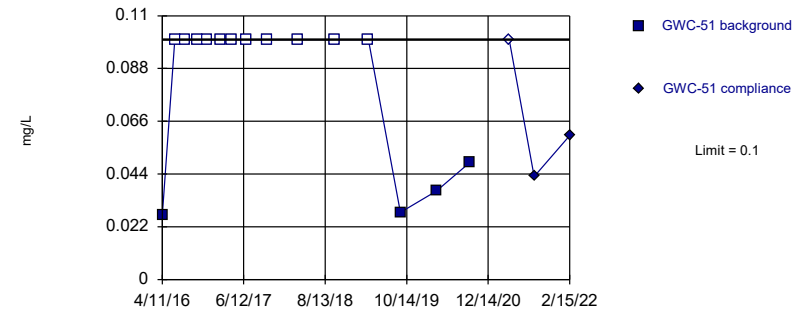


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

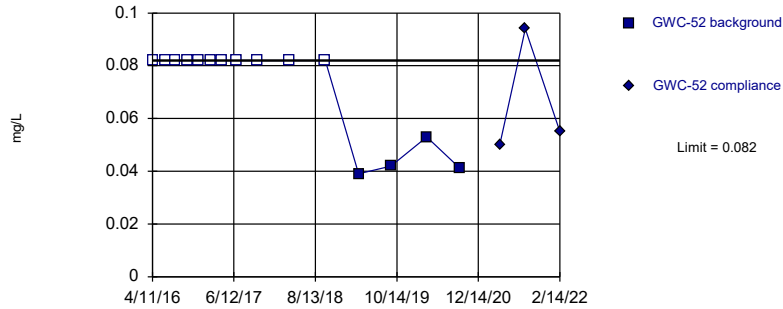


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

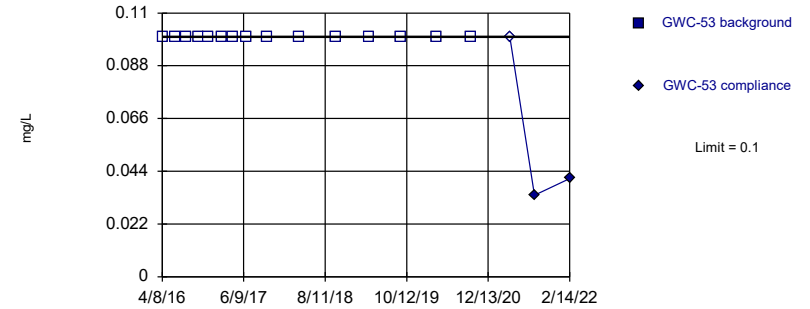


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

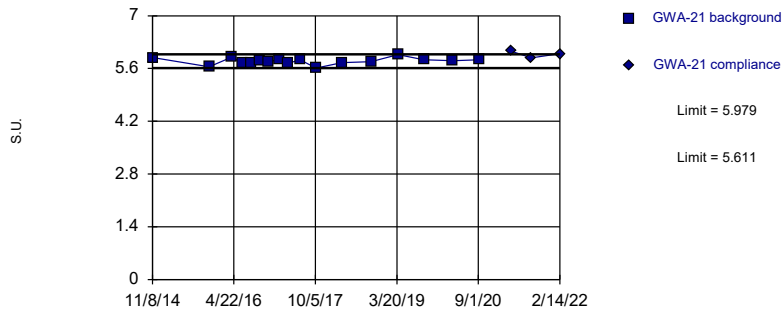


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

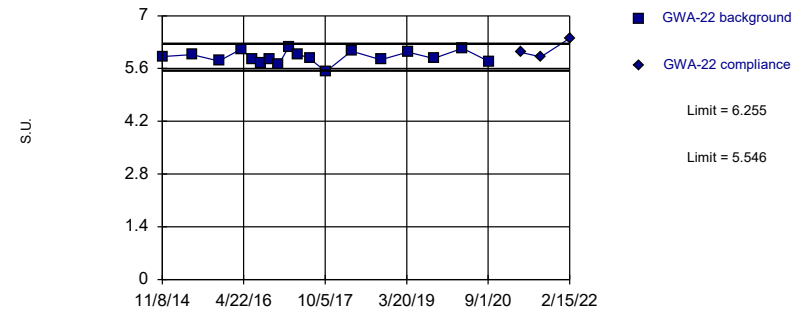


Background Data Summary: Mean=5.795, Std. Dev.=0.08654, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.961, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

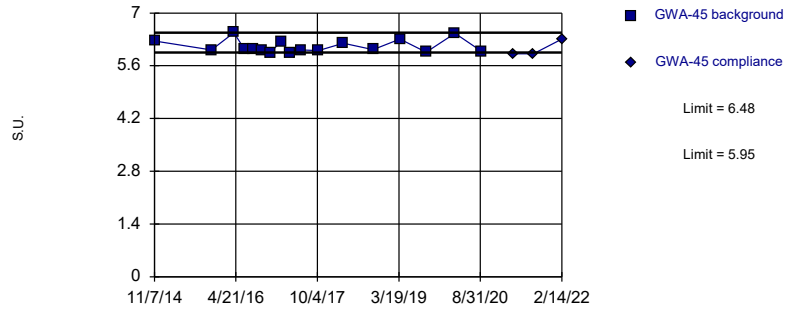


Background Data Summary: Mean=5.901, Std. Dev.=0.1685, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9693, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

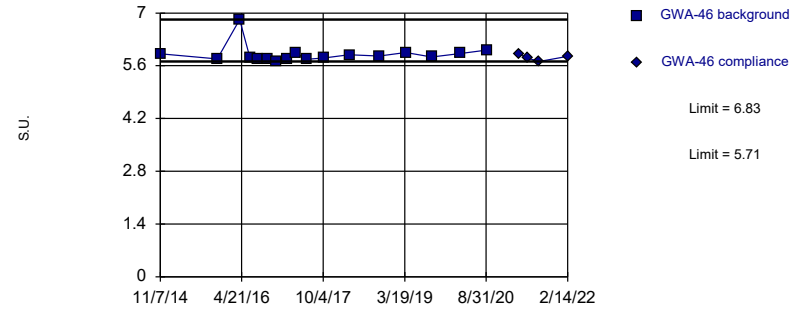


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

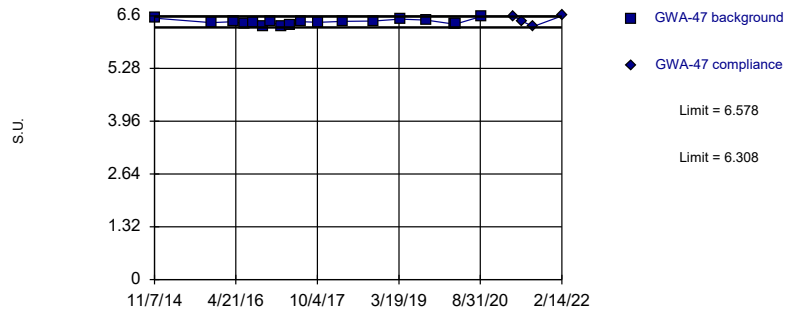


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

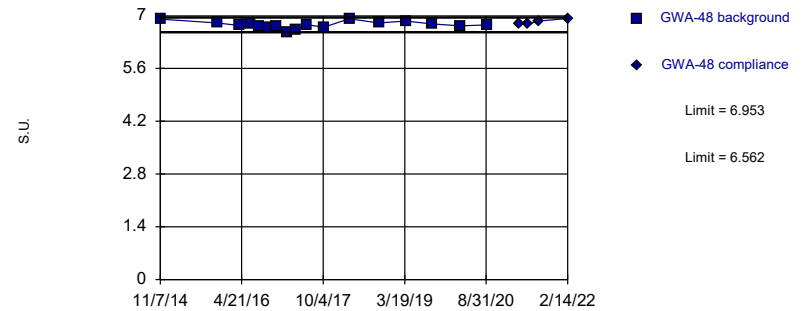


Background Data Summary: Mean=6.443, Std. Dev.=0.06488, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9705, critical = 0.863. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

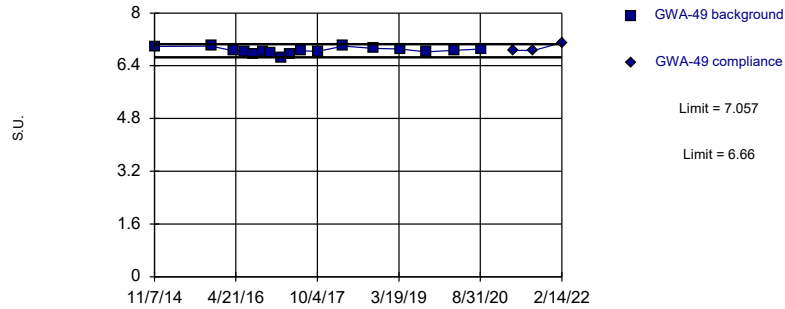


Background Data Summary: Mean=6.758, Std. Dev.=0.09196, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

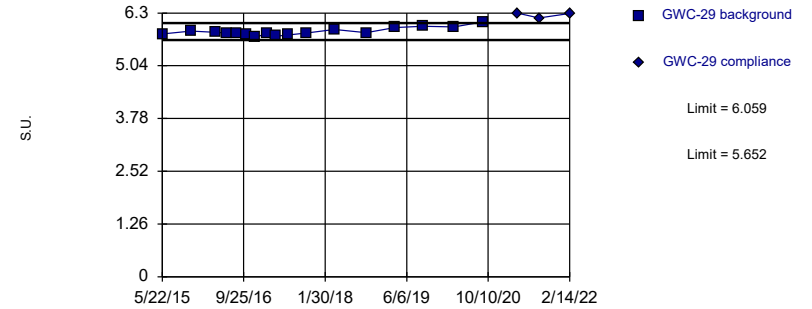


Background Data Summary: Mean=6.858, Std. Dev.=0.09329, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9581, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

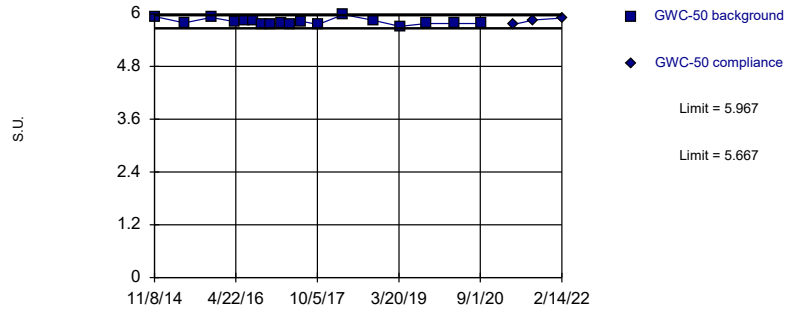


Background Data Summary: Mean=5.855, Std. Dev.=0.09566, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9167, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

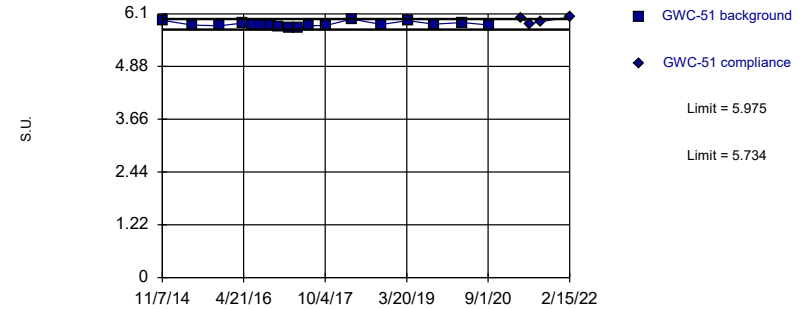


Background Data Summary: Mean=5.817, Std. Dev.=0.07136, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9175, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

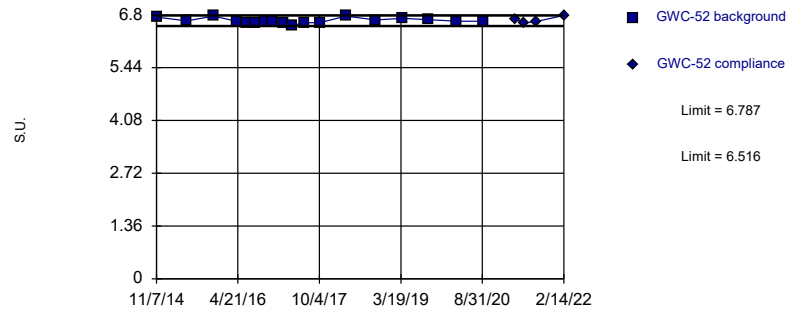


Background Data Summary: Mean=5.854, Std. Dev.=0.05721, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

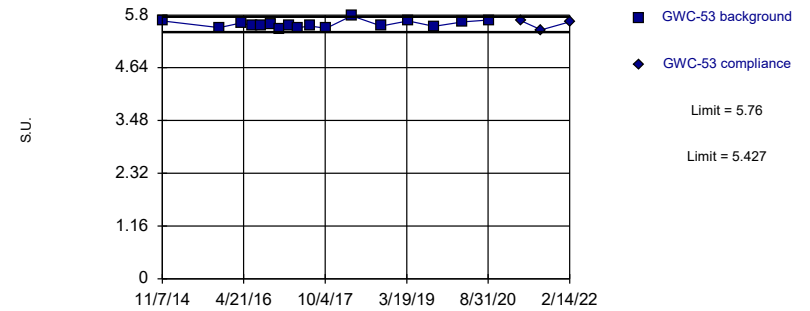


Background Data Summary: Mean=6.652, Std. Dev.=0.06447, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

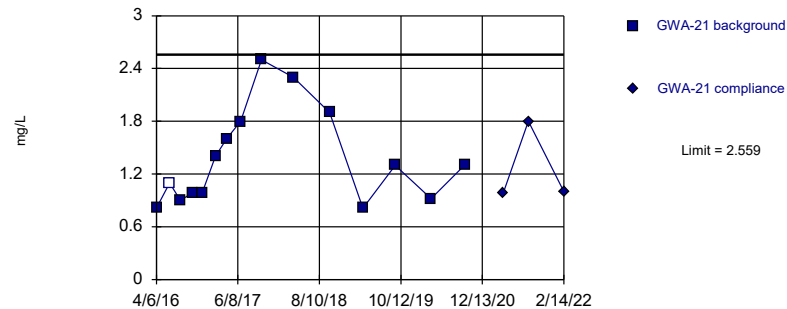


Background Data Summary: Mean=5.594, Std. Dev.=0.07834, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9342, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

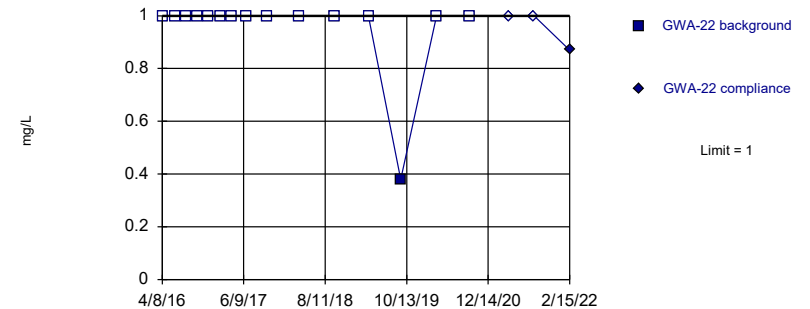


Background Data Summary: Mean=1.375, Std. Dev.=0.5398, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8886, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

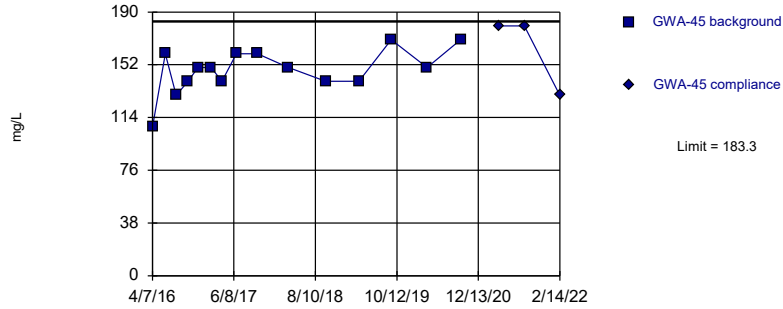


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

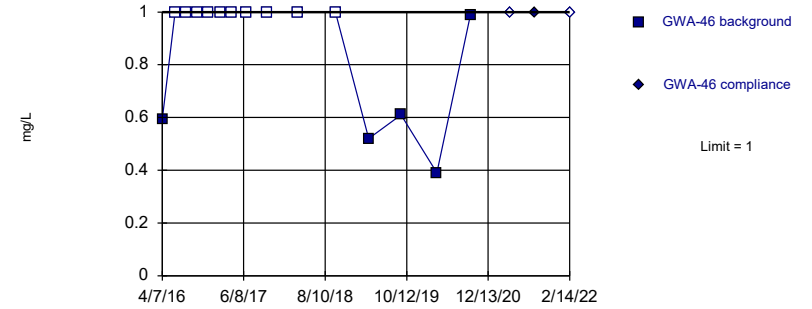


Background Data Summary: Mean=147.8, Std. Dev.=16.19, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9154, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

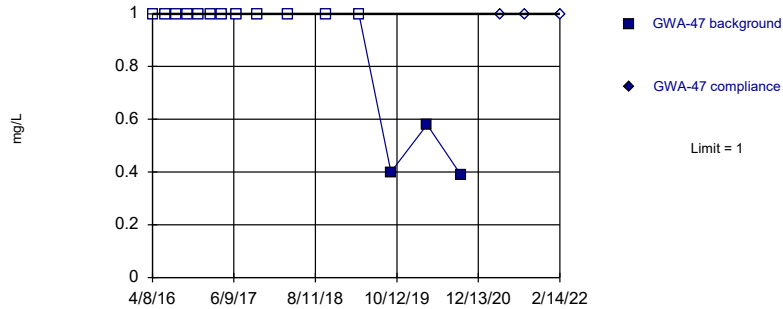


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

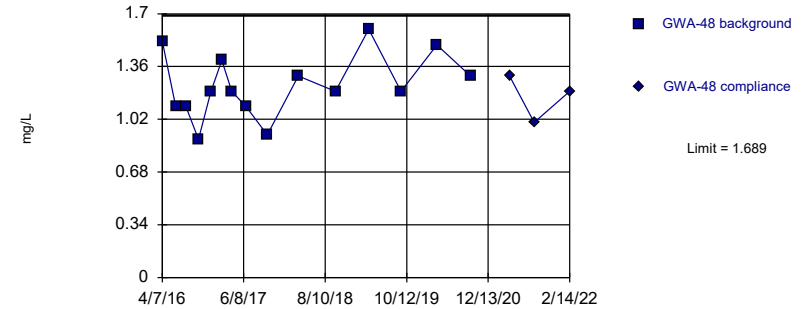


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

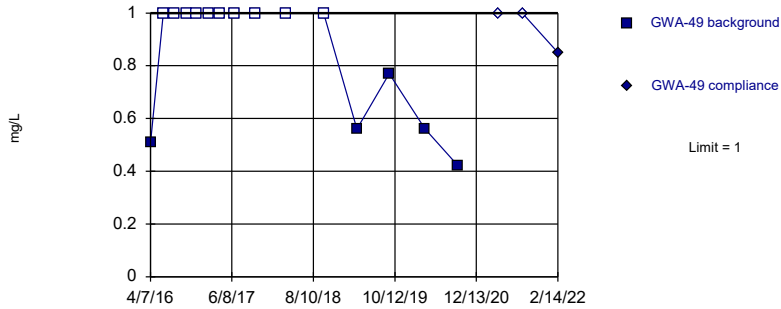


Background Data Summary: Mean=1.235, Std. Dev.=0.2069, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9553, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

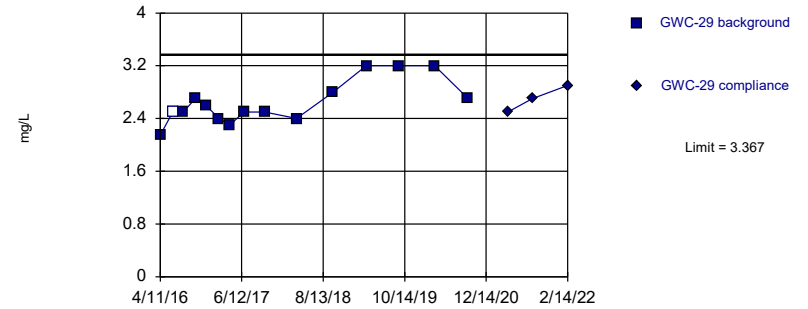


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

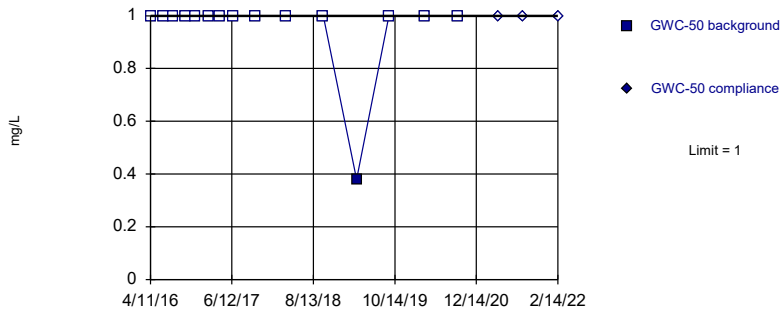


Background Data Summary: Mean=2.643, Std. Dev.=0.33, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8858, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

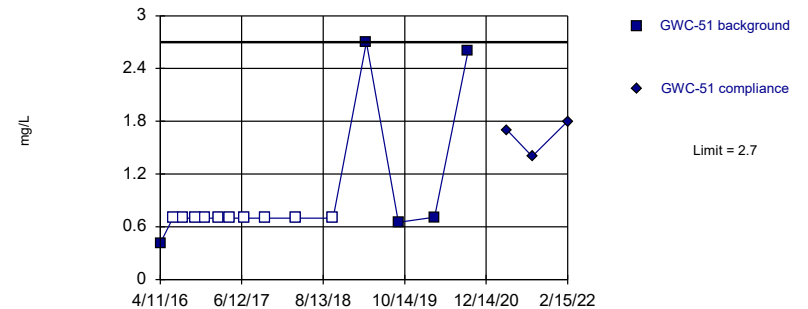


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

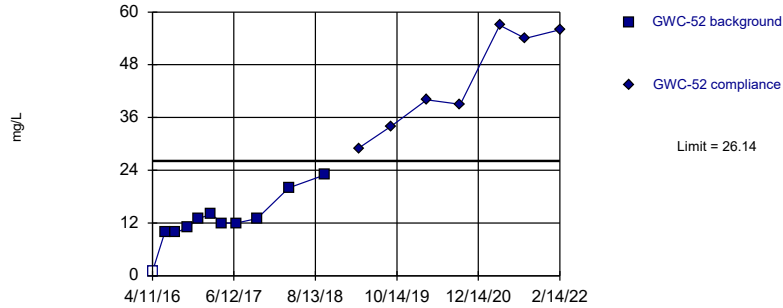


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
 Intrawell Parametric

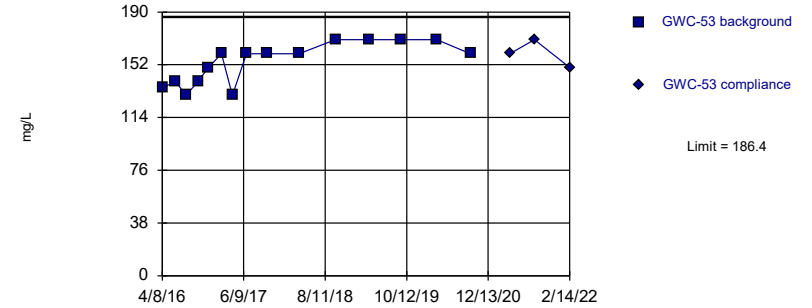


Background Data Summary: Mean=12.62, Std. Dev.=5.636, n=11, 9.091% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9059, critical = 0.792. Kappa = 2.4 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

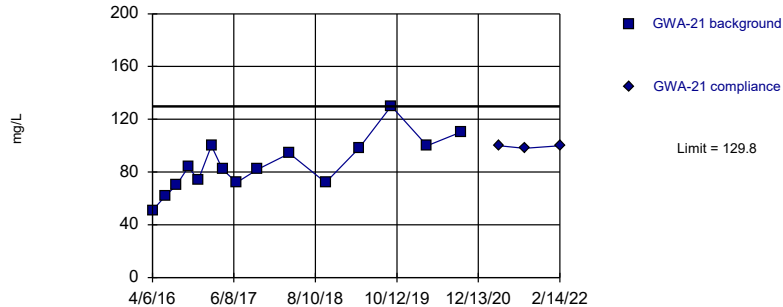


Background Data Summary: Mean=153.7, Std. Dev.=14.9, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.859, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

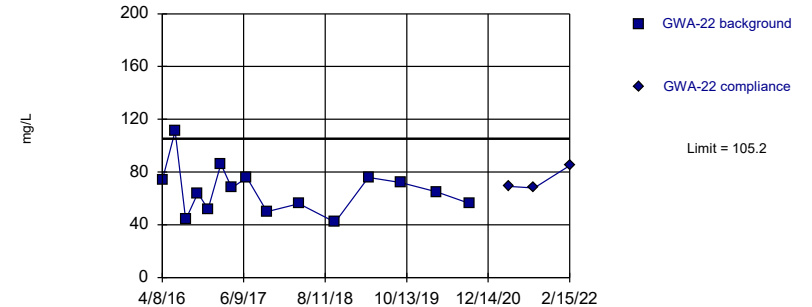


Background Data Summary: Mean=85.4, Std. Dev.=20.24, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9719, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

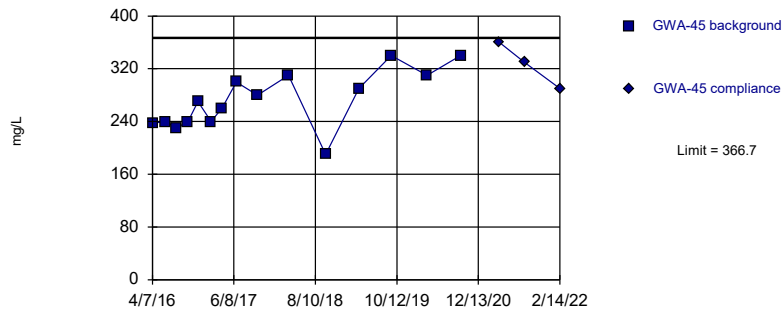


Background Data Summary: Mean=66.13, Std. Dev.=17.82, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9338, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

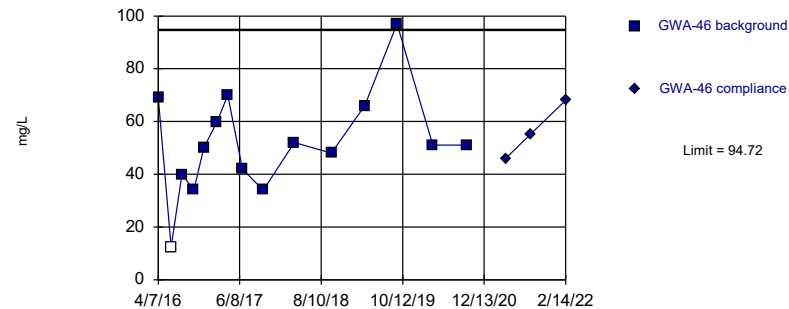


Background Data Summary: Mean=271.8, Std. Dev.=43.29, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9557, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

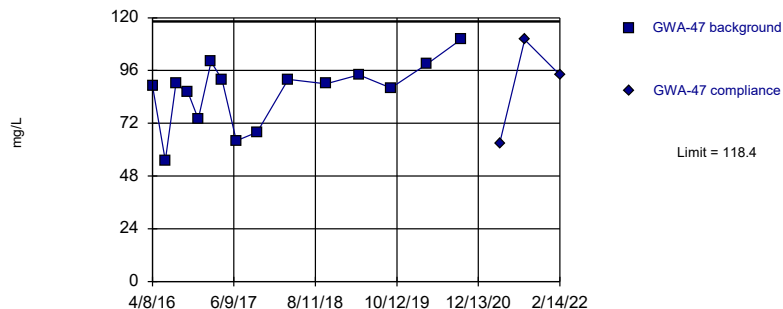


Background Data Summary: Mean=51.77, Std. Dev.=19.59, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9615, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

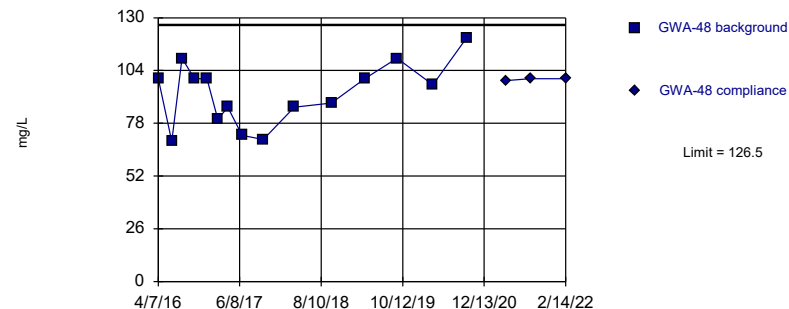


Background Data Summary: Mean=86.07, Std. Dev.=14.72, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

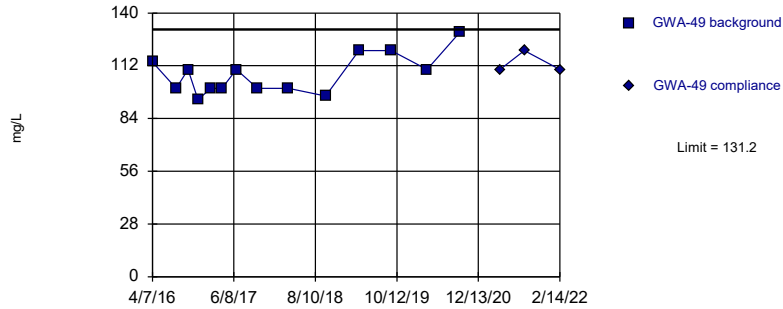


Background Data Summary: Mean=92.53, Std. Dev.=15.48, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

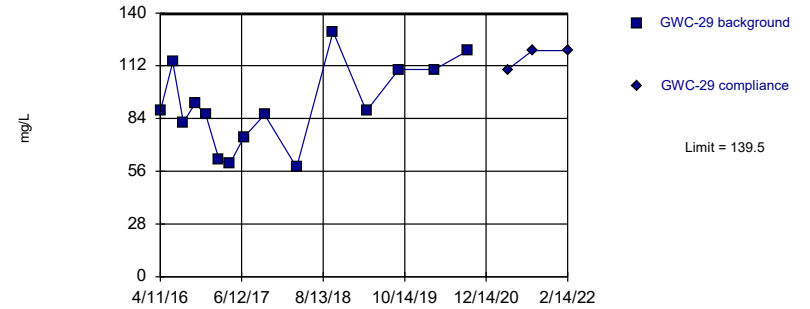


Background Data Summary: Mean=107.4, Std. Dev.=10.65, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

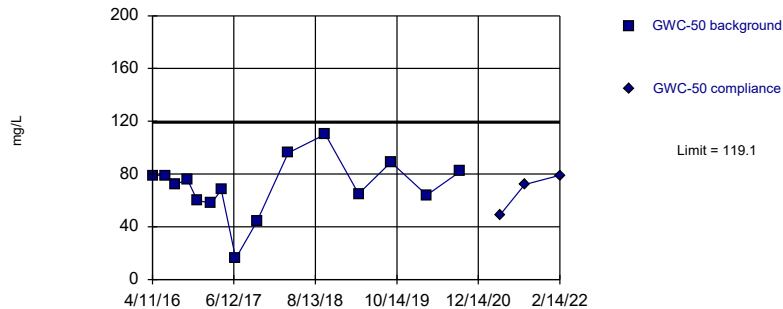


Background Data Summary: Mean=90.67, Std. Dev.=22.27, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9465, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

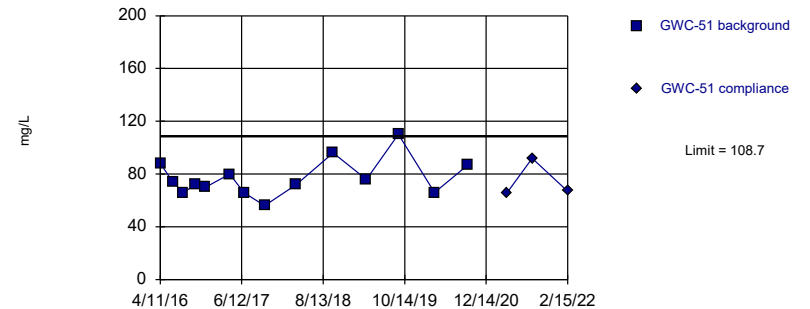


Background Data Summary: Mean=70.53, Std. Dev.=22.17, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9554, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

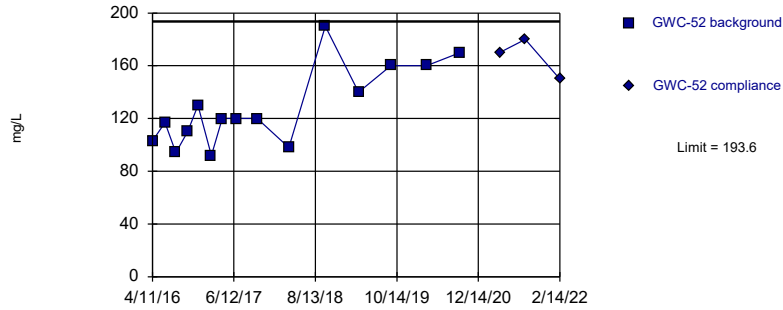


Background Data Summary: Mean=77.07, Std. Dev.=14.12, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9292, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

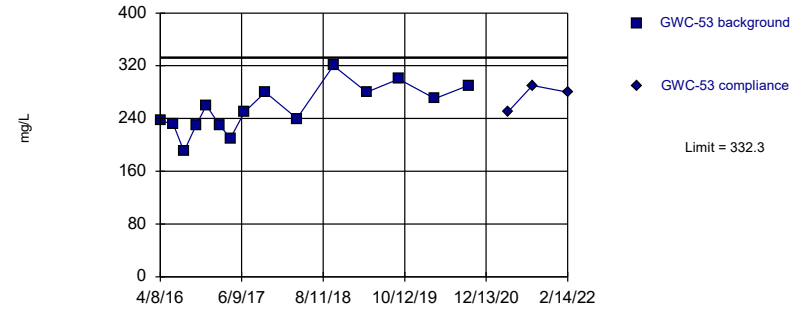


Background Data Summary: Mean=128.3, Std. Dev.=29.78, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9216, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=254.5, Std. Dev.=35.48, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9808, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	<0.08	
6/14/2016	0.0012 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	0.053	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021		<0.08
8/12/2021		<0.08
2/14/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	0.0657 (J)	
6/14/2016	0.12	
8/9/2016	0.22	
10/10/2016	0.52	
12/2/2016	0.65	
2/9/2017	0.57	
4/7/2017	0.5	
6/22/2017	0.48	
10/10/2017	0.79	
3/22/2018	0.66	
10/3/2018	0.89	
3/27/2019	0.74	
9/12/2019	0.91	
3/19/2020	0.86	
9/11/2020	1	
4/2/2021		1.1
8/12/2021		1.1
2/14/2022		0.86

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<0.08	
6/14/2016	0.00079 (J)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/5/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/20/2020	<0.08	
9/11/2020	<0.08	
4/5/2021		<0.08
8/13/2021		<0.08
2/14/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	<0.08	
6/17/2016	<0.08	
8/10/2016	<0.08	
10/14/2016	<0.08	
12/19/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021		0.044 (J)
8/12/2021		<0.08
2/14/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	<0.08	
6/15/2016	0.0021 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021		<0.08
8/13/2021		<0.08
2/14/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	0.824	
6/16/2016	0.8 (J)	
8/11/2016	0.97	
10/13/2016	0.94	
12/6/2016	1	
2/13/2017	0.97	
4/11/2017	0.88	
6/24/2017	0.87	
10/11/2017	1.1	
3/26/2018	0.91	
10/4/2018	0.92	
3/28/2019	0.97	
9/12/2019	0.94	
3/19/2020	1	
9/11/2020	0.97	
4/6/2021		0.97
8/13/2021		0.94
2/14/2022		1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	9.27	
6/14/2016	8.2	
8/10/2016	6.9	
10/11/2016	7.6	
12/2/2016	7.4	
2/10/2017	11	
4/10/2017	9.7	
6/23/2017	9.2	
10/9/2017	9.4	
3/26/2018	9.3	
10/3/2018	7.8	
3/27/2019	9.5	
9/12/2019	8.8	
3/19/2020	11	
9/10/2020	8.2	
4/2/2021		9.2
8/12/2021		7.2
2/14/2022		8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	8.6	
6/14/2016	6.8	
8/9/2016	6.2	
10/11/2016	6.2	
12/5/2016	5.5	
2/10/2017	7.8	
4/7/2017	7.3	
6/26/2017	6.8	
10/9/2017	5.8	
3/26/2018	8.7	
10/3/2018	6.1	
3/27/2019	7.1	
9/12/2019	6.1	
3/19/2020	9.7	
9/10/2020	5.9	
4/2/2021		9
8/12/2021		6
2/15/2022		9.6

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	38.4	
6/14/2016	32.9	
8/9/2016	29	
10/10/2016	33	
12/2/2016	33	
2/9/2017	42	
4/7/2017	35	
6/22/2017	38	
10/10/2017	40	
3/22/2018	39 (D)	
10/3/2018	41	
3/27/2019	39	
9/12/2019	36	
3/19/2020	45	
9/11/2020	30	
4/2/2021		29
8/12/2021		26
2/14/2022		26

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	6.57	
6/14/2016	5.5	
8/9/2016	4.6	
10/10/2016	5.3	
12/2/2016	5.1	
2/10/2017	5.8	
4/7/2017	5.2	
6/23/2017	5.7	
10/10/2017	5.8	
3/23/2018	6.6	
10/4/2018	5.4	
3/27/2019	6.1	
9/12/2019	5.7	
3/19/2020	6.7	
9/11/2020	5.5	
4/5/2021		7
8/12/2021		6.1
2/14/2022		5.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	10.7	
6/14/2016	11.3	
8/9/2016	9.6	
10/11/2016	11	
12/5/2016	10	
2/10/2017	11	
4/7/2017	10	
6/22/2017	11	
10/10/2017	11	
3/22/2018	11	
10/5/2018	11	
3/27/2019	11	
9/12/2019	12	
3/20/2020	12	
9/11/2020	11	
4/5/2021		13
8/13/2021		11
2/14/2022		11

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	12.6	
6/17/2016	12.4	
8/10/2016	11	
10/14/2016	13	
12/19/2016	11	
2/13/2017	13	
4/7/2017	12	
6/22/2017	13	
10/10/2017	13	
3/23/2018	13	
10/3/2018	12	
3/27/2019	13	
9/12/2019	13	
3/19/2020	14	
9/11/2020	12	
4/5/2021		13
8/12/2021		12
2/14/2022		11

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	15.3	
6/14/2016	14.2	
8/9/2016	13	
10/11/2016	14	
12/2/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/10/2017	15	
3/22/2018	14	
10/3/2018	14	
3/27/2019	15	
9/12/2019	14	
3/19/2020	15	
9/10/2020	14	
4/6/2021		16
8/12/2021		14
2/14/2022		13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	9.7	
6/15/2016	9.5	
8/10/2016	8.5	
10/11/2016	9.3	
12/5/2016	9	
2/13/2017	9.2	
4/10/2017	9.2	
6/23/2017	9.8	
10/10/2017	10	
3/26/2018	11	
10/4/2018	10	
3/28/2019	11	
9/12/2019	12	
3/19/2020	16	
9/10/2020	15	
4/6/2021		17
8/13/2021		15
2/14/2022		16

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	7.04	
6/15/2016	7.4	
8/10/2016	6.7	
10/11/2016	6.9	
12/2/2016	6.5	
2/13/2017	7.9	
4/7/2017	6.5	
6/22/2017	6.8	
10/10/2017	7.3	
3/23/2018	7.5	
10/4/2018	6.7	
3/28/2019	7.2	
9/12/2019	7.5	
3/19/2020	7.9	
9/10/2020	7.5	
4/6/2021		7.7
8/13/2021		7.2
2/14/2022		6.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	6.9	
6/16/2016	7.6	
8/10/2016	5.7	
10/13/2016	6.7	
12/5/2016	6.4	
2/13/2017	6.2	
4/10/2017	6.2	
6/23/2017	6.6	
10/11/2017	6.9	
3/26/2018	7	
10/4/2018	6.4	
3/27/2019	7	
9/12/2019	7.1	
3/19/2020	7.1	
9/11/2020	7	
4/5/2021		8
8/13/2021		7
2/15/2022		6.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	12.8	
6/16/2016	14.3	
8/11/2016	11	
10/13/2016	13	
12/5/2016	12	
2/13/2017	13	
4/11/2017	13	
6/24/2017	13	
10/11/2017	15	
3/26/2018	15	
10/4/2018	14	
3/28/2019	15	
9/12/2019	17	
3/19/2020	19	
9/11/2020	18	
4/5/2021		21
8/17/2021		22
2/14/2022		18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	17.5	
6/16/2016	18.4	
8/11/2016	13	
10/13/2016	15	
12/6/2016	15	
2/13/2017	16	
4/11/2017	17	
6/24/2017	17	
10/11/2017	19	
3/26/2018	19	
10/4/2018	17	
3/28/2019	18	
9/12/2019	18	
3/19/2020	19	
9/11/2020	19	
4/6/2021		19
8/13/2021		17
2/14/2022		16

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	3.034	
6/14/2016	3.1	
8/10/2016	2.7	
10/11/2016	2.7	
12/2/2016	2.5	
2/10/2017	3.4	
4/10/2017	3.6	
6/23/2017	3.2	
10/9/2017	3.5	
3/26/2018	3.8	
10/3/2018	4	
3/27/2019	2.9	
9/12/2019	3.4	
3/19/2020	3.9	
9/10/2020	3.7	
4/2/2021		3.7
8/12/2021		4.1
2/14/2022		4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	2.1	
6/14/2016	4.2	
8/9/2016	5	
10/11/2016	3.8	
12/5/2016	3.6	
2/10/2017	2.2	
4/7/2017	2.2	
6/26/2017	3.4	
10/9/2017	3.4	
3/26/2018	1.9 (D)	
10/3/2018	2.9	
3/27/2019	2	
9/12/2019	2.5	
3/19/2020	2.2	
9/10/2020	2.5	
4/2/2021		1.8
8/12/2021		2.7
2/15/2022		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	8.05	
6/14/2016	9.3	
8/9/2016	10	
10/10/2016	10	
12/2/2016	10	
2/9/2017	9.4	
4/7/2017	9.9	
6/22/2017	9.7	
10/10/2017	9.8	
3/22/2018	9.7 (D)	
10/3/2018	10	
3/27/2019	9.6	
9/12/2019	10	
3/19/2020	9.9	
9/11/2020	12	
4/2/2021		13
8/12/2021		13
2/14/2022		10

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	2.914	
6/14/2016	3.1	
8/9/2016	3.2	
10/10/2016	3	
12/2/2016	3	
2/10/2017	2.7	
4/7/2017	2.9	
6/23/2017	3.3	
10/10/2017	3.5	
3/23/2018	3.6	
10/4/2018	3.9	
3/27/2019	3.7	
9/12/2019	4.3	
3/19/2020	4.5	
9/11/2020	4.7	
4/5/2021		5.3
8/12/2021		5.5
2/14/2022		5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	1.57	
6/14/2016	1.7	
8/9/2016	1.5	
10/11/2016	1.6	
12/5/2016	1.5	
2/10/2017	1.5	
4/7/2017	1.4	
6/22/2017	1.4	
10/10/2017	1.4	
3/22/2018	1.3	
10/5/2018	1.4	
3/27/2019	1.2	
9/12/2019	1.4	
3/20/2020	1.7	
9/11/2020	1.6	
4/5/2021		1.8
8/13/2021		1.8
2/14/2022		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	1.842	
6/17/2016	1.9	
8/10/2016	1.8	
10/14/2016	1.7	
12/19/2016	2.7 (O)	
2/13/2017	1.8	
4/7/2017	1.7	
6/22/2017	1.7	
10/10/2017	1.6	
3/23/2018	1.6	
10/3/2018	1.6	
3/27/2019	1.5	
9/12/2019	1.7	
3/19/2020	1.9	
9/11/2020	1.8	
4/5/2021		2
8/12/2021		1.8
2/14/2022		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	2.285	
6/14/2016	2.3	
8/9/2016	2.3	
10/11/2016	2.1	
12/2/2016	2	
2/9/2017	2.1	
4/7/2017	2	
6/22/2017	2	
10/10/2017	2	
3/22/2018	1.9	
10/3/2018	2	
3/27/2019	1.9	
9/12/2019	1.9	
3/19/2020	2.2	
9/10/2020	2.1	
4/6/2021		2.1
8/12/2021		2.2
2/14/2022		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	1.57 (O)	
6/15/2016	3.9	
8/10/2016	4	
10/11/2016	3.7	
12/5/2016	3.6	
2/13/2017	3.4	
4/10/2017	3.5	
6/23/2017	3.4	
10/10/2017	3.3	
3/26/2018	3.1	
10/4/2018	3.1	
3/28/2019	2.8	
9/12/2019	3	
3/19/2020	3.4	
9/10/2020	3.3	
4/6/2021		3.3
8/13/2021		3.7
2/14/2022		3.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	2.09	
6/15/2016	2.1	
8/10/2016	2	
10/11/2016	1.9	
12/2/2016	1.9	
2/13/2017	1.9	
4/7/2017	2	
6/22/2017	1.9	
10/10/2017	1.9	
3/23/2018	1.9	
10/4/2018	1.9	
3/28/2019	1.8	
9/12/2019	1.8	
3/19/2020	2.1	
9/10/2020	2.1	
4/6/2021		1.9
8/13/2021		2.1
2/14/2022		1.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	2.09 (O)	
6/16/2016	6.3	
8/10/2016	6.9	
10/13/2016	6.5	
12/5/2016	6.6	
2/13/2017	6.7	
4/10/2017	6.7	
6/23/2017	6.6	
10/11/2017	6.5	
3/26/2018	6.6	
10/4/2018	6.9	
3/27/2019	7	
9/12/2019	6.8	
3/19/2020	7.3	
9/11/2020	7.7	
4/5/2021		7.8
8/13/2021		8
2/15/2022		7.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<0.25 (O)	
6/16/2016	7.4	
8/11/2016	8.3	
10/13/2016	7.8	
12/5/2016	8.1	
2/13/2017	8	
4/11/2017	7.6	
6/24/2017	8.3	
10/11/2017	7.9	
3/26/2018	7.8	
10/4/2018	8.1	
3/28/2019	7.5	
9/12/2019	7.7	
3/19/2020	8.2	
9/11/2020	7.9	
4/5/2021		8.2
8/17/2021		8.3
2/14/2022		7.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	10.065	
6/16/2016	9.4	
8/11/2016	10	
10/13/2016	9.9	
12/6/2016	10	
2/13/2017	10	
4/11/2017	10	
6/24/2017	10	
10/11/2017	10	
3/26/2018	11	
10/4/2018	12	
3/28/2019	12	
9/12/2019	11	
3/19/2020	13	
9/11/2020	12	
4/6/2021		13
8/13/2021		13
2/14/2022		12

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	0.035 (J)	
6/14/2016	<0.082	
8/10/2016	<0.082	
10/11/2016	<0.082	
12/2/2016	<0.082	
2/10/2017	<0.082	
4/10/2017	<0.082	
6/23/2017	<0.082	
10/9/2017	<0.082	
3/26/2018	<0.082	
10/3/2018	<0.082	
3/27/2019	0.035 (J)	
9/12/2019	0.04 (J)	
3/19/2020	0.059 (J)	
9/10/2020	0.044 (J)	
4/2/2021		0.028 (J)
8/12/2021		0.04 (J)
2/14/2022		0.058 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	<0.082	
6/14/2016	<0.082	
8/9/2016	<0.082	
10/11/2016	<0.082	
12/5/2016	<0.082	
2/10/2017	<0.082	
4/7/2017	<0.082	
6/26/2017	<0.082	
10/9/2017	<0.082	
3/26/2018	<0.082 (D)	
10/3/2018	<0.082	
3/27/2019	0.036 (J)	
9/12/2019	0.043 (J)	
3/19/2020	0.054 (J)	
9/10/2020	0.034 (J)	
4/2/2021		0.032 (J)
8/12/2021		0.028 (J)
2/15/2022		0.088 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	0.035 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1 (D)	
10/3/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.026 (J)	
3/19/2020	0.041 (J)	
9/11/2020	<0.1	
4/2/2021		<0.1
8/12/2021		<0.1
2/14/2022		0.052 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	0.024 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.033 (J)	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/5/2021		0.039 (J)
8/12/2021		0.11
2/14/2022		0.05 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<0.1	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/5/2018	<0.1	
3/27/2019	0.041 (J)	
9/12/2019	0.041 (J)	
3/20/2020	<0.1	
9/11/2020	0.034 (J)	
4/5/2021		0.038 (J)
8/13/2021		0.09 (J)
2/14/2022		0.068 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	0.044 (J)	
6/17/2016	<0.082	
8/10/2016	<0.082	
10/14/2016	<0.082	
12/19/2016	0.1 (J)	
2/13/2017	<0.082	
4/7/2017	<0.082	
6/22/2017	<0.082	
10/10/2017	<0.082	
3/23/2018	<0.082	
10/3/2018	<0.082	
3/27/2019	0.04 (J)	
9/12/2019	0.044 (J)	
3/19/2020	0.049 (J)	
9/11/2020	0.035 (J)	
4/5/2021		0.031 (J)
8/12/2021		0.052 (J)
2/14/2022		0.056 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	0.041 (J)	
6/14/2016	<0.082	
8/9/2016	<0.082	
10/11/2016	<0.082	
12/2/2016	<0.082	
2/9/2017	<0.082	
4/7/2017	<0.082	
6/22/2017	<0.082	
10/10/2017	<0.082	
3/22/2018	<0.082	
10/3/2018	<0.082	
3/27/2019	0.037 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.044 (J)	
9/10/2020	0.036 (J)	
4/6/2021		0.03 (J)
8/12/2021		0.058 (J)
2/14/2022		0.07 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	0.033 (J)	
6/15/2016	<0.082	
8/10/2016	<0.082	
10/11/2016	<0.082	
12/5/2016	<0.082	
2/13/2017	<0.082	
4/10/2017	<0.082	
6/23/2017	<0.082	
10/10/2017	<0.082	
3/26/2018	<0.082	
10/4/2018	<0.082	
3/28/2019	0.033 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.042 (J)	
9/10/2020	0.04 (J)	
4/6/2021		0.031 (J)
8/13/2021		0.065 (J)
2/14/2022		0.074 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	0.027 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.042 (J)	
9/12/2019	0.028 (J)	
3/19/2020	0.039 (J)	
9/10/2020	<0.1	
4/6/2021		<0.1
8/13/2021		0.048 (J)
2/14/2022		0.057 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	0.027 (J)	
6/16/2016	<0.1	
8/10/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.028 (J)	
3/19/2020	0.037 (J)	
9/11/2020	0.049 (J)	
4/5/2021		<0.1
8/13/2021		0.043 (J)
2/15/2022		0.06 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<0.082	
6/16/2016	<0.082	
8/11/2016	<0.082	
10/13/2016	<0.082	
12/5/2016	<0.082	
2/13/2017	<0.082	
4/11/2017	<0.082	
6/24/2017	<0.082	
10/11/2017	<0.082	
3/26/2018	<0.082	
10/4/2018	<0.082	
3/28/2019	0.039 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.053 (J)	
9/11/2020	0.041 (J)	
4/5/2021		0.05 (J)
8/17/2021		0.094 (J)
2/14/2022		0.055 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/6/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	<0.1	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/6/2021		<0.1
8/13/2021		0.034 (J)
2/14/2022		0.041 (J)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
11/8/2014	5.89	
11/13/2015	5.65	
4/6/2016	5.9 (D)	
6/14/2016	5.75	
8/10/2016	5.75	
10/11/2016	5.8	
12/2/2016	5.78	
2/10/2017	5.83	
4/10/2017	5.74	
6/26/2017	5.83	
10/9/2017	5.61	
3/26/2018	5.76	
10/3/2018	5.78	
3/27/2019	5.97	
9/12/2019	5.83	
3/19/2020	5.81	
9/10/2020	5.83	
4/2/2021		6.06
8/12/2021		5.88
2/14/2022		5.99

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
11/8/2014	5.92	
5/21/2015	5.97	
11/13/2015	5.8	
4/8/2016	6.12	
6/14/2016	5.84	
8/9/2016	5.75	
10/11/2016	5.84	
12/5/2016	5.7	
2/10/2017	6.17	
4/7/2017	5.99	
6/26/2017	5.87	
10/9/2017	5.52	
3/26/2018	6.06	
10/3/2018	5.83	
3/27/2019	6.04	
9/12/2019	5.87	
3/19/2020	6.14	
9/10/2020	5.78	
4/2/2021		6.03
8/12/2021		5.91
2/15/2022		6.4

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
11/7/2014	6.26	
11/13/2015	6.02	
4/7/2016	6.48	
6/14/2016	6.05	
8/9/2016	6.05	
10/10/2016	6.02	
12/2/2016	5.95	
2/9/2017	6.24	
4/7/2017	5.95	
6/22/2017	6.02	
10/10/2017	6	
3/22/2018	6.2	
10/3/2018	6.03	
3/27/2019	6.31	
9/13/2019	5.96	
3/19/2020	6.46	
9/11/2020	5.98	
4/2/2021		5.92
8/12/2021		5.92
2/14/2022		6.31

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
11/7/2014	5.92	
11/13/2015	5.78	
4/7/2016	6.83	
6/14/2016	5.82	
8/1/2016	5.78	
10/10/2016	5.78	
12/2/2016	5.71	
2/10/2017	5.79	
4/7/2017	5.93	
6/23/2017	5.77	
10/10/2017	5.81	
3/23/2018	5.89	
10/4/2018	5.86	
3/27/2019	5.95	
9/12/2019	5.83	
3/19/2020	5.93	
9/11/2020	6.02	
4/5/2021		5.92
6/1/2021		5.8
8/12/2021		5.71
2/14/2022		5.85

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
11/7/2014	6.54	
11/12/2015	6.43	
4/7/2016	6.45 (D)	
4/8/2016	6.45	
6/14/2016	6.4	
8/9/2016	6.43	
10/11/2016	6.34	
12/5/2016	6.46	
2/10/2017	6.33	
4/7/2017	6.38	
6/22/2017	6.45	
10/10/2017	6.44	
3/22/2018	6.46	
10/5/2018	6.47	
3/27/2019	6.52	
9/12/2019	6.49	
3/19/2020	6.39	
3/20/2020	6.39	
9/11/2020	6.59	
4/5/2021		6.59
6/1/2021		6.46
8/13/2021		6.33
2/14/2022		6.6

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
11/7/2014	6.91	
11/12/2015	6.81	
4/7/2016	6.74	
6/17/2016	6.78	
8/10/2016	6.73	
10/14/2016	6.7	
12/5/2016	6.71	
2/13/2017	6.56	
4/7/2017	6.62	
6/22/2017	6.76	
10/10/2017	6.7	
3/23/2018	6.92	
10/3/2018	6.81	
3/27/2019	6.86	
9/12/2019	6.78	
3/19/2020	6.73	
9/11/2020	6.76	
4/5/2021		6.78
6/1/2021		6.78
8/12/2021		6.86
2/14/2022		6.93

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
11/7/2014	6.99	
11/12/2015	7	
4/7/2016	6.85	
6/14/2016	6.83	
8/9/2016	6.77	
10/11/2016	6.83	
12/2/2016	6.79	
2/9/2017	6.65	
4/7/2017	6.75	
6/22/2017	6.85	
10/10/2017	6.84	
3/22/2018	7	
10/3/2018	6.93	
3/27/2019	6.91	
9/12/2019	6.82	
3/19/2020	6.87	
9/10/2020	6.91	
4/6/2021		6.87
8/12/2021		6.86
2/14/2022		7.1

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
5/22/2015	5.8	
11/13/2015	5.87	
4/11/2016	5.84	
6/15/2016	5.82	
8/10/2016	5.82	
10/11/2016	5.78	
12/5/2016	5.72	
2/13/2017	5.81	
4/10/2017	5.75	
6/23/2017	5.78	
10/10/2017	5.82	
3/26/2018	5.91	
10/4/2018	5.83	
3/28/2019	5.95	
9/12/2019	5.98	
3/19/2020	5.97	
9/10/2020	6.09	
4/6/2021		6.3
8/13/2021		6.18
2/14/2022		6.29

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
11/8/2014	5.94	
5/22/2015	5.79	
11/13/2015	5.92	
4/11/2016	5.82	
6/15/2016	5.85	
8/10/2016	5.85	
10/11/2016	5.76	
12/2/2016	5.76	
2/13/2017	5.8	
4/7/2017	5.75	
6/22/2017	5.83	
10/10/2017	5.76	
3/23/2018	5.98	
10/4/2018	5.85	
3/28/2019	5.71	
9/13/2019	5.78	
3/19/2020	5.78	
9/10/2020	5.78	
4/6/2021		5.76
8/13/2021		5.86
2/14/2022		5.9

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
11/7/2014	5.95	
5/22/2015	5.84	
5/25/2015	8.36 (o)	
11/13/2015	5.82	
4/11/2016	5.88	
6/16/2016	5.85	
8/10/2016	5.83	
10/13/2016	5.84	
12/5/2016	5.81	
2/13/2017	5.76	
4/10/2017	5.78	
6/23/2017	5.82	
10/11/2017	5.83	
3/26/2018	5.98	
10/4/2018	5.85	
3/27/2019	5.94	
9/12/2019	5.86	
3/19/2020	5.9	
9/11/2020	5.84	
4/5/2021		5.99
6/2/2021		5.87
8/13/2021		5.92
2/15/2022		6.02

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
11/7/2014	6.75	
5/22/2015	6.65	
5/25/2015	7.63 (o)	
11/13/2015	6.77	
4/11/2016	6.64	
6/16/2016	6.6	
8/11/2016	6.61	
10/13/2016	6.64	
12/5/2016	6.63	
2/13/2017	6.59	
4/11/2017	6.53	
6/26/2017	6.6	
10/11/2017	6.61	
3/26/2018	6.77	
10/4/2018	6.67	
3/28/2019	6.71	
9/12/2019	6.68	
3/19/2020	6.64	
9/11/2020	6.64	
4/5/2021		6.68
6/2/2021		6.6
8/17/2021		6.63
2/14/2022		6.79

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
11/7/2014	5.67	
5/25/2015	7.725 (oD)	
11/13/2015	5.52	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021		5.67
8/13/2021		5.47
2/14/2022		5.65

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	0.813 (J)	
6/14/2016	<1.1	
8/10/2016	0.9 (J)	
10/11/2016	0.99 (J)	
12/2/2016	0.99 (J)	
2/10/2017	1.4	
4/10/2017	1.6	
6/23/2017	1.8	
10/9/2017	2.5	
3/26/2018	2.3	
10/3/2018	1.9	
3/27/2019	0.81 (J)	
9/12/2019	1.3	
3/19/2020	0.92 (J)	
9/10/2020	1.3	
4/2/2021		0.99 (J)
8/12/2021		1.8
2/14/2022		1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	<1	
6/14/2016	<1	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/26/2017	<1	
10/9/2017	<1	
3/26/2018	<1 (D)	
10/3/2018	<1	
3/27/2019	<1	
9/12/2019	0.38 (J)	
3/19/2020	<1	
9/10/2020	<1	
4/2/2021		<1
8/12/2021		<1
2/15/2022		0.87 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	107.095	
6/14/2016	160	
8/9/2016	130	
10/10/2016	140	
12/2/2016	150	
2/9/2017	150	
4/7/2017	140	
6/22/2017	160	
10/10/2017	160	
3/22/2018	150 (D)	
10/3/2018	140	
3/27/2019	140	
9/12/2019	170	
3/19/2020	150	
9/11/2020	170	
4/2/2021		180
8/12/2021		180
2/14/2022		130

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	0.594 (J)	
6/14/2016	<1	
8/9/2016	<1	
10/10/2016	<1	
12/2/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/23/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/27/2019	0.52 (J)	
9/12/2019	0.61 (J)	
3/19/2020	0.39 (J)	
9/11/2020	0.99 (J)	
4/5/2021		<1
8/12/2021		1
2/14/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<1	
6/14/2016	<1	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/5/2018	<1	
3/27/2019	<1	
9/12/2019	0.4 (J)	
3/20/2020	0.58 (J)	
9/11/2020	0.39 (J)	
4/5/2021		<1
8/13/2021		<1
2/14/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	1.522	
6/17/2016	1.1	
8/10/2016	1.1	
10/14/2016	0.89 (J)	
12/19/2016	1.2	
2/13/2017	1.4	
4/7/2017	1.2	
6/22/2017	1.1	
10/10/2017	0.92 (J)	
3/23/2018	1.3	
10/3/2018	1.2	
3/27/2019	1.6	
9/12/2019	1.2	
3/19/2020	1.5	
9/11/2020	1.3	
4/5/2021		1.3
8/12/2021		1
2/14/2022		1.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	0.507 (J)	
6/14/2016	<1	
8/9/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/27/2019	0.56 (J)	
9/12/2019	0.77 (J)	
3/19/2020	0.56 (J)	
9/10/2020	0.42 (J)	
4/6/2021		<1
8/12/2021		<1
2/14/2022		0.85 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	2.15	
6/15/2016	<2.5	
8/10/2016	2.5	
10/11/2016	2.7	
12/5/2016	2.6	
2/13/2017	2.4	
4/10/2017	2.3	
6/23/2017	2.5	
10/10/2017	2.5	
3/26/2018	2.4	
10/4/2018	2.8	
3/28/2019	3.2	
9/12/2019	3.2	
3/19/2020	3.2	
9/10/2020	2.7	
4/6/2021		2.5
8/13/2021		2.7
2/14/2022		2.9

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	<1	
6/15/2016	<1	
8/10/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/13/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/28/2019	0.38 (J)	
9/12/2019	<1	
3/19/2020	<1	
9/10/2020	<1	
4/6/2021		<1
8/13/2021		<1
2/14/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	0.415 (J)	
6/16/2016	<0.7	
8/10/2016	<0.7	
10/13/2016	<0.7	
12/5/2016	<0.7	
2/13/2017	<0.7	
4/10/2017	<0.7	
6/23/2017	<0.7	
10/11/2017	<0.7	
3/26/2018	<0.7	
10/4/2018	<0.7	
3/27/2019	2.7	
9/12/2019	0.65 (J)	
3/19/2020	0.71 (J)	
9/11/2020	2.6	
4/5/2021		1.7
8/13/2021		1.4
2/15/2022		1.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<1	
6/16/2016	10	
8/11/2016	9.8	
10/13/2016	11	
12/5/2016	13	
2/13/2017	14	
4/11/2017	12	
6/24/2017	12	
10/11/2017	13	
3/26/2018	20	
10/4/2018	23	
3/28/2019		29
9/12/2019		34
3/19/2020		40
9/11/2020		39
4/5/2021		57
8/17/2021		54
2/14/2022		56

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	135.355	
6/16/2016	140	
8/11/2016	130	
10/13/2016	140	
12/6/2016	150	
2/13/2017	160	
4/11/2017	130	
6/24/2017	160	
10/11/2017	160	
3/26/2018	160	
10/4/2018	170	
3/28/2019	170	
9/12/2019	170	
3/19/2020	170	
9/11/2020	160	
4/6/2021		160
8/13/2021		170
2/14/2022		150

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	51	
6/14/2016	62	
8/10/2016	70	
10/11/2016	84	
12/2/2016	74	
2/10/2017	100	
4/10/2017	82	
6/23/2017	72	
10/9/2017	82	
3/26/2018	94	
10/3/2018	72	
3/27/2019	98	
9/12/2019	130	
3/19/2020	100	
9/10/2020	110	
4/2/2021		100
8/12/2021		98
2/14/2022		100

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	74	
6/14/2016	111	
8/9/2016	44	
10/11/2016	64	
12/5/2016	52	
2/10/2017	86	
4/7/2017	68	
6/26/2017	76	
10/9/2017	50	
3/26/2018	56	
10/3/2018	42	
3/27/2019	76	
9/12/2019	72	
3/19/2020	65	
9/10/2020	56	
4/2/2021		69
8/12/2021		68
2/15/2022		85

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	237	
6/14/2016	240	
8/9/2016	230	
10/10/2016	240	
12/2/2016	270	
2/9/2017	240	
4/7/2017	260	
6/22/2017	300	
10/10/2017	280	
3/22/2018	310	
10/3/2018	190	
3/27/2019	290	
9/12/2019	340	
3/19/2020	310	
9/11/2020	340	
4/2/2021		360
8/12/2021		330
2/14/2022		290

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	69	
6/14/2016	<25	
8/9/2016	40	
10/10/2016	34	
12/2/2016	50	
2/10/2017	60	
4/7/2017	70	
6/23/2017	42	
10/10/2017	34	
3/23/2018	52	
10/4/2018	48	
3/27/2019	66	
9/12/2019	97	
3/19/2020	51	
9/11/2020	51	
4/5/2021		46
8/12/2021		55
2/14/2022		68

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	89	
6/14/2016	55	
8/9/2016	90	
10/11/2016	86	
12/5/2016	74	
2/10/2017	100	
4/7/2017	92	
6/22/2017	64	
10/10/2017	68	
3/22/2018	92	
10/5/2018	90	
3/27/2019	94	
9/12/2019	88	
3/20/2020	99	
9/11/2020	110	
4/5/2021		63
8/13/2021		110
2/14/2022		94

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	100	
6/17/2016	69	
8/10/2016	110	
10/14/2016	100	
12/19/2016	100	
2/13/2017	80	
4/7/2017	86	
6/22/2017	72	
10/10/2017	70	
3/23/2018	86	
10/3/2018	88	
3/27/2019	100	
9/12/2019	110	
3/19/2020	97	
9/11/2020	120	
4/5/2021		99
8/12/2021		100
2/14/2022		100

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	114	
6/14/2016	56 (O)	
8/9/2016	100	
10/11/2016	110	
12/2/2016	94	
2/9/2017	100	
4/7/2017	100	
6/22/2017	110	
10/10/2017	100	
3/22/2018	100	
10/3/2018	96	
3/27/2019	120	
9/12/2019	120	
3/19/2020	110	
9/10/2020	130	
4/6/2021		110
8/12/2021		120
2/14/2022		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	88	
6/15/2016	114	
8/10/2016	82	
10/11/2016	92	
12/5/2016	86	
2/13/2017	62	
4/10/2017	60	
6/23/2017	74	
10/10/2017	86	
3/26/2018	58 (J)	
10/4/2018	130	
3/28/2019	88	
9/12/2019	110	
3/19/2020	110	
9/10/2020	120	
4/6/2021		110
8/13/2021		120
2/14/2022		120

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	79	
6/15/2016	79	
8/10/2016	72	
10/11/2016	76	
12/2/2016	60	
2/13/2017	58	
4/7/2017	68	
6/22/2017	16	
10/10/2017	44	
3/23/2018	96	
10/4/2018	110	
3/28/2019	65	
9/12/2019	89	
3/19/2020	64	
9/10/2020	82	
4/6/2021		49
8/13/2021		72
2/14/2022		79

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	88	
6/16/2016	74	
8/10/2016	66	
10/13/2016	72	
12/5/2016	70	
2/13/2017	12 (O)	
4/10/2017	80	
6/23/2017	66	
10/11/2017	56	
3/26/2018	72	
10/4/2018	96	
3/27/2019	76	
9/12/2019	110	
3/19/2020	66	
9/11/2020	87	
4/5/2021		66
8/13/2021		92
2/15/2022		67

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	103	
6/16/2016	117	
8/11/2016	94	
10/13/2016	110	
12/5/2016	130	
2/13/2017	92	
4/11/2017	120	
6/24/2017	120	
10/11/2017	120	
3/26/2018	98	
10/4/2018	190	
3/28/2019	140	
9/12/2019	160	
3/19/2020	160	
9/11/2020	170	
4/5/2021		170
8/17/2021		180
2/14/2022		150

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	237	
6/16/2016	231	
8/11/2016	190	
10/13/2016	230	
12/6/2016	260	
2/13/2017	230	
4/11/2017	210	
6/24/2017	250	
10/11/2017	280	
3/26/2018	240	
10/4/2018	320	
3/28/2019	280	
9/12/2019	300	
3/19/2020	270	
9/11/2020	290	
4/6/2021		250
8/13/2021		290
2/14/2022		280

FIGURE H.

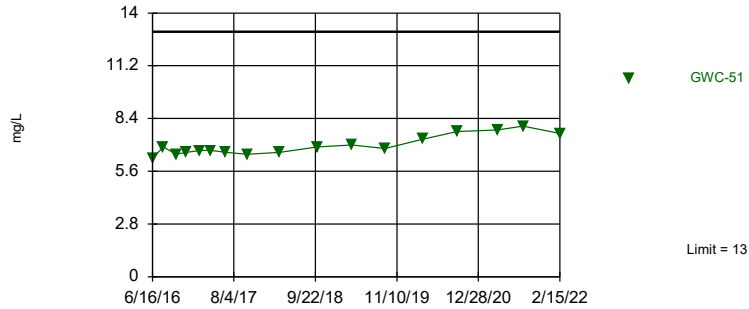
Appendix III Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWC-51	13	n/a	2/15/2022	7.6	No	125	n/a	n/a	0	n/a	n/a	0.0001262 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-29	7.1	5.52	2/14/2022	6.29	No	146	n/a	n/a	0	n/a	n/a	0.0001855 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-51	7.1	5.52	2/15/2022	6.02	No	146	n/a	n/a	0	n/a	n/a	0.0001855 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-52	7.1	5.52	2/14/2022	6.79	No	146	n/a	n/a	0	n/a	n/a	0.0001855 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	2/14/2022	56	No	126	n/a	n/a	44.44	n/a	n/a	0.0001245 NP Inter (normality) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

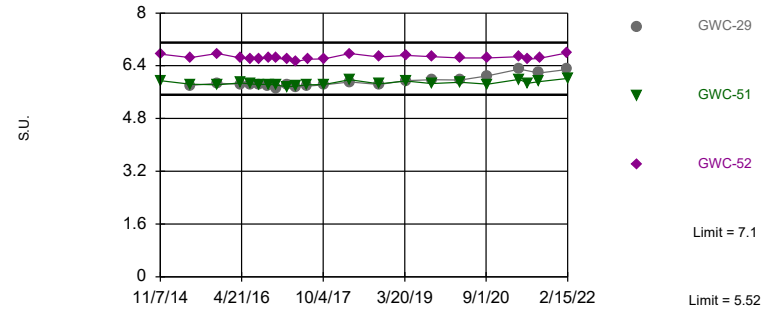


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 125 background values. Annual per-constituent alpha = 0.001262. Individual comparison alpha = 0.0001262 (1 of 2). Assumes 4 future values.

Constituent: Chloride Analysis Run 4/7/2022 1:08 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Interwell Non-parametric

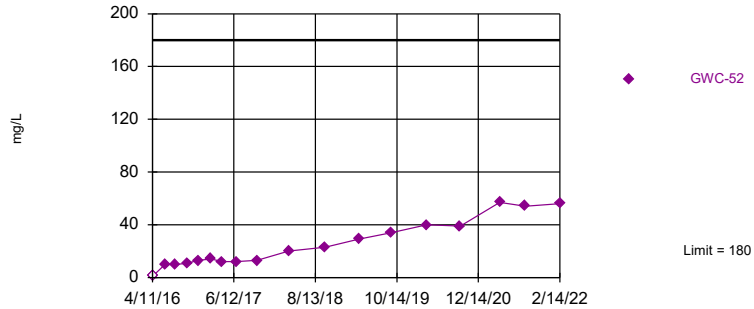


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 146 background values. Annual per-constituent alpha = 0.001854. Individual comparison alpha = 0.0001854 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: pH Analysis Run 4/7/2022 1:08 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 126 background values. 44.44% NDs. Annual per-constituent alpha = 0.001244. Individual comparison alpha = 0.0001245 (1 of 2). Assumes 4 future values.

Constituent: Sulfate Analysis Run 4/7/2022 1:08 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:09 PM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-51
4/6/2016	3.034							
4/7/2016		2.285	1.842	2.914	8.05			
4/8/2016						1.57	2.1	
4/11/2016								2.09 (O)
6/14/2016	3.1	2.3		3.1	9.3	1.7	4.2	
6/16/2016								6.3
6/17/2016			1.9					
8/9/2016		2.3		3.2	10	1.5	5	
8/10/2016	2.7		1.8					6.9
10/10/2016				3	10			
10/11/2016	2.7	2.1				1.6	3.8	
10/13/2016								6.5
10/14/2016			1.7					
12/2/2016	2.5	2		3	10			
12/5/2016						1.5	3.6	6.6
12/19/2016			2.7 (O)					
2/9/2017		2.1			9.4			
2/10/2017	3.4			2.7		1.5	2.2	
2/13/2017			1.8					6.7
4/7/2017		2	1.7	2.9	9.9	1.4	2.2	
4/10/2017	3.6							6.7
6/22/2017		2	1.7			9.7	1.4	
6/23/2017	3.2			3.3				6.6
6/26/2017							3.4	
10/9/2017	3.5						3.4	
10/10/2017		2	1.6	3.5	9.8	1.4		
10/11/2017								6.5
3/22/2018		1.9			9.7 (D)	1.3		
3/23/2018			1.6	3.6				
3/26/2018	3.8						1.9 (D)	6.6
10/3/2018	4	2	1.6		10		2.9	
10/4/2018				3.9				6.9
10/5/2018						1.4		
3/27/2019	2.9	1.9	1.5	3.7	9.6	1.2	2	7
9/12/2019	3.4	1.9	1.7	4.3	10	1.4	2.5	6.8
3/19/2020	3.9	2.2	1.9	4.5	9.9		2.2	7.3
3/20/2020						1.7		
9/10/2020	3.7	2.1					2.5	
9/11/2020			1.8	4.7	12	1.6		7.7
4/2/2021	3.7				13		1.8	
4/5/2021			2	5.3		1.8		7.8
4/6/2021		2.1						
8/12/2021	4.1	2.2	1.8	5.5	13		2.7	
8/13/2021						1.8		8
2/14/2022	4	2	1.8	5	10	1.5		
2/15/2022							1.8	7.6

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:09 PM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWC-52	GWA-46 (bg)	GWA-48 (bg)	GWA-45 (bg)	GWC-51	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)
11/7/2014	6.54	6.75	5.92	6.91	6.26	5.95	6.99		
11/8/2014								5.89	5.92
5/21/2015									5.97
5/22/2015		6.65				5.84			
5/25/2015		7.63 (o)				8.36 (o)			
11/12/2015	6.43			6.81			7		
11/13/2015		6.77	5.78		6.02	5.82		5.65	5.8
4/6/2016								5.9 (D)	
4/7/2016	6.45 (D)		6.83	6.74	6.48		6.85		
4/8/2016	6.45								6.12
4/11/2016		6.64				5.88			
6/14/2016	6.4		5.82		6.05		6.83	5.75	5.84
6/15/2016									
6/16/2016		6.6				5.85			
6/17/2016				6.78					
8/1/2016			5.78						
8/9/2016	6.43				6.05		6.77		5.75
8/10/2016				6.73		5.83		5.75	
8/11/2016		6.61							
10/10/2016			5.78		6.02				
10/11/2016	6.34						6.83	5.8	5.84
10/13/2016		6.64				5.84			
10/14/2016				6.7					
12/2/2016			5.71		5.95		6.79	5.78	
12/5/2016	6.46	6.63		6.71		5.81			5.7
2/9/2017					6.24		6.65		
2/10/2017	6.33		5.79					5.83	6.17
2/13/2017		6.59		6.56		5.76			
4/7/2017	6.38		5.93	6.62	5.95		6.75		5.99
4/10/2017						5.78		5.74	
4/11/2017		6.53							
6/22/2017	6.45			6.76	6.02		6.85		
6/23/2017			5.77			5.82			
6/26/2017		6.6						5.83	5.87
10/9/2017								5.61	5.52
10/10/2017	6.44		5.81	6.7	6		6.84		
10/11/2017		6.61				5.83			
3/22/2018	6.46				6.2		7		
3/23/2018			5.89	6.92					
3/26/2018		6.77				5.98		5.76	6.06
10/3/2018				6.81	6.03		6.93	5.78	5.83
10/4/2018		6.67	5.86			5.85			
10/5/2018	6.47								
3/27/2019	6.52		5.95	6.86	6.31	5.94	6.91	5.97	6.04
3/28/2019		6.71							
9/12/2019	6.49	6.68	5.83	6.78		5.86	6.82	5.83	5.87
9/13/2019					5.96				
3/19/2020	6.39	6.64	5.93	6.73	6.46	5.9	6.87	5.81	6.14
3/20/2020	6.39								
9/10/2020							6.91	5.83	5.78
9/11/2020	6.59	6.64	6.02	6.76	5.98	5.84			
4/2/2021					5.92			6.06	6.03

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:09 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWC-52	GWA-46 (bg)	GWA-48 (bg)	GWA-45 (bg)	GWC-51	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)
4/5/2021	6.59	6.68	5.92	6.78		5.99			
4/6/2021							6.87		
6/1/2021	6.46		5.8	6.78					
6/2/2021		6.6				5.87			
8/12/2021			5.71	6.86	5.92		6.86	5.88	5.91
8/13/2021	6.33					5.92			
8/17/2021		6.63							
2/14/2022	6.6	6.79	5.85	6.93	6.31		7.1	5.99	
2/15/2022						6.02			6.4

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:09 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

GWC-29

11/7/2014	
11/8/2014	
5/21/2015	
5/22/2015	5.8
5/25/2015	
11/12/2015	
11/13/2015	5.87
4/6/2016	
4/7/2016	
4/8/2016	
4/11/2016	5.84
6/14/2016	
6/15/2016	5.82
6/16/2016	
6/17/2016	
8/1/2016	
8/9/2016	
8/10/2016	5.82
8/11/2016	
10/10/2016	
10/11/2016	5.78
10/13/2016	
10/14/2016	
12/2/2016	
12/5/2016	5.72
2/9/2017	
2/10/2017	
2/13/2017	5.81
4/7/2017	
4/10/2017	5.75
4/11/2017	
6/22/2017	
6/23/2017	5.78
6/26/2017	
10/9/2017	
10/10/2017	5.82
10/11/2017	
3/22/2018	
3/23/2018	
3/26/2018	5.91
10/3/2018	
10/4/2018	5.83
10/5/2018	
3/27/2019	
3/28/2019	5.95
9/12/2019	5.98
9/13/2019	
3/19/2020	5.97
3/20/2020	
9/10/2020	6.09
9/11/2020	
4/2/2021	

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:09 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

GWC-29

4/5/2021	
4/6/2021	6.3
6/1/2021	
6/2/2021	
8/12/2021	
8/13/2021	6.18
8/17/2021	
2/14/2022	6.29
2/15/2022	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:09 PM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-49 (bg)	GWA-45 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-22 (bg)	GWA-47 (bg)	GWC-52
4/6/2016	0.813 (J)							
4/7/2016		0.507 (J)	107.095	1.522	0.594 (J)			
4/8/2016						<1	<1	
4/11/2016								<1
6/14/2016	<1	<1	160		<1	<1	<1	
6/16/2016								10
6/17/2016				1.1				
8/9/2016		<1	130		<1	<1	<1	
8/10/2016	0.9 (J)			1.1				
8/11/2016								9.8
10/10/2016			140		<1			
10/11/2016	0.99 (J)	<1				<1	<1	
10/13/2016								11
10/14/2016				0.89 (J)				
12/2/2016	0.99 (J)	<1	150		<1			
12/5/2016						<1	<1	13
12/19/2016				1.2				
2/9/2017		<1	150					
2/10/2017	1.4				<1	<1	<1	
2/13/2017				1.4				14
4/7/2017		<1	140	1.2	<1	<1	<1	
4/10/2017	1.6							
4/11/2017								12
6/22/2017		<1	160	1.1			<1	
6/23/2017	1.8				<1			
6/24/2017								12
6/26/2017						<1		
10/9/2017	2.5					<1		
10/10/2017		<1	160	0.92 (J)	<1		<1	
10/11/2017								13
3/22/2018		<1	150 (D)				<1	
3/23/2018				1.3	<1			
3/26/2018	2.3					<1 (D)		20
10/3/2018	1.9	<1	140	1.2		<1		
10/4/2018					<1			23
10/5/2018							<1	
3/27/2019	0.81 (J)	0.56 (J)	140	1.6	0.52 (J)	<1	<1	
3/28/2019								29
9/12/2019	1.3	0.77 (J)	170	1.2	0.61 (J)	0.38 (J)	0.4 (J)	34
3/19/2020	0.92 (J)	0.56 (J)	150	1.5	0.39 (J)	<1		40
3/20/2020							0.58 (J)	
9/10/2020	1.3	0.42 (J)				<1		
9/11/2020			170	1.3	0.99 (J)		0.39 (J)	39
4/2/2021	0.99 (J)		180			<1		
4/5/2021				1.3	<1		<1	57
4/6/2021		<1						
8/12/2021	1.8	<1	180	1	1	<1		
8/13/2021							<1	
8/17/2021								54
2/14/2022	1	0.85 (J)	130	1.2	<1		<1	56
2/15/2022						0.87 (J)		

FIGURE I.

Appendix III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:11 PM

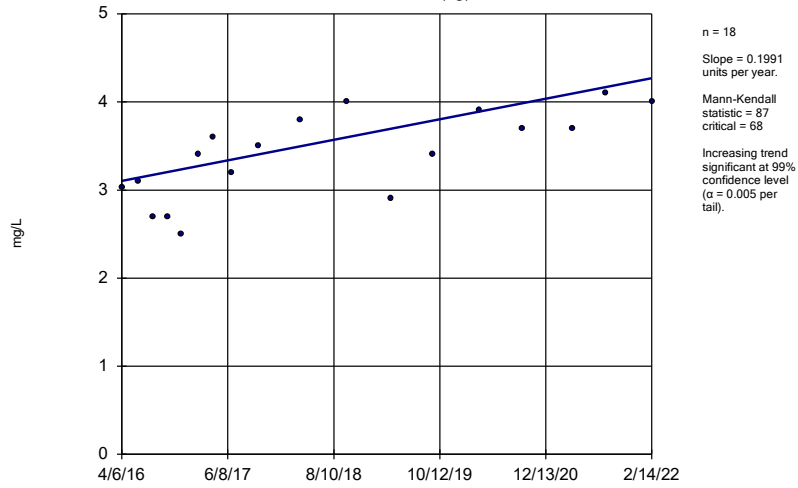
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Chloride (mg/L)	GWA-21 (bg)	0.1991	87	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.4321	118	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2283	88	63	Yes	17	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	0.06442	104	81	Yes	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	8.594	133	68	Yes	18	5.556	n/a	n/a	0.01	NP

Appendix III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:11 PM

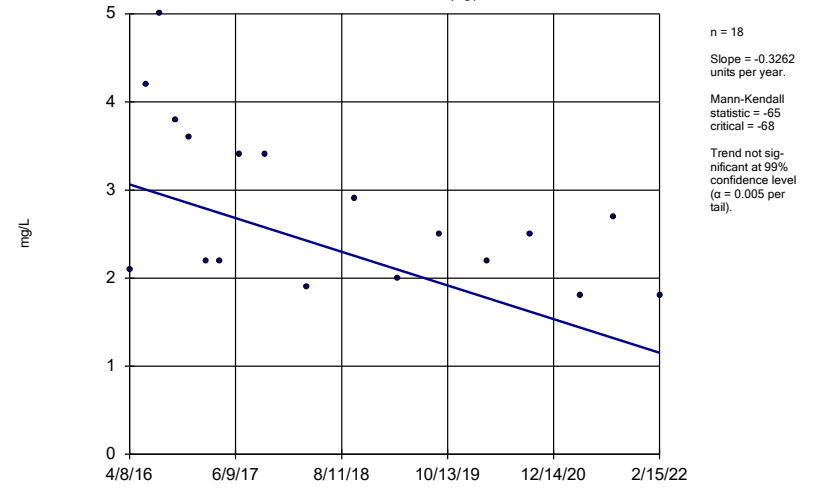
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride (mg/L)	GWA-21 (bg)	0.1991	87	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.3262	-65	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.226	65	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.4321	118	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-47 (bg)	0	-2	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	-6	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	-0.02152	-37	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2283	88	63	Yes	17	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-21 (bg)	0.02491	64	81	No	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-22 (bg)	0.01999	32	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-45 (bg)	-0.01606	-35	-81	No	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-46 (bg)	0.004797	20	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-47 (bg)	0.01159	51	98	No	23	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-48 (bg)	0.01057	39	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-49 (bg)	0.008754	31	81	No	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	0.06442	104	81	Yes	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-51	0.01242	71	92	No	22	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-52	0	8	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.04606	26	68	No	18	5.556	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	-23	-68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	5.294	53	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	-13	-68	No	18	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	-28	-68	No	18	83.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0.01765	17	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-28	-68	No	18	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	8.594	133	68	Yes	18	5.556	n/a	n/a	0.01	NP

Sen's Slope Estimator
GWA-21 (bg)



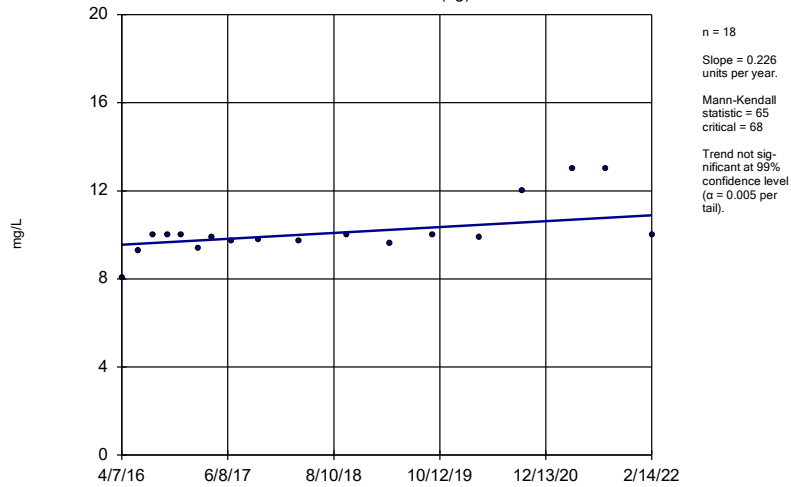
Constituent: Chloride Analysis Run 4/7/2022 1:09 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-22 (bg)



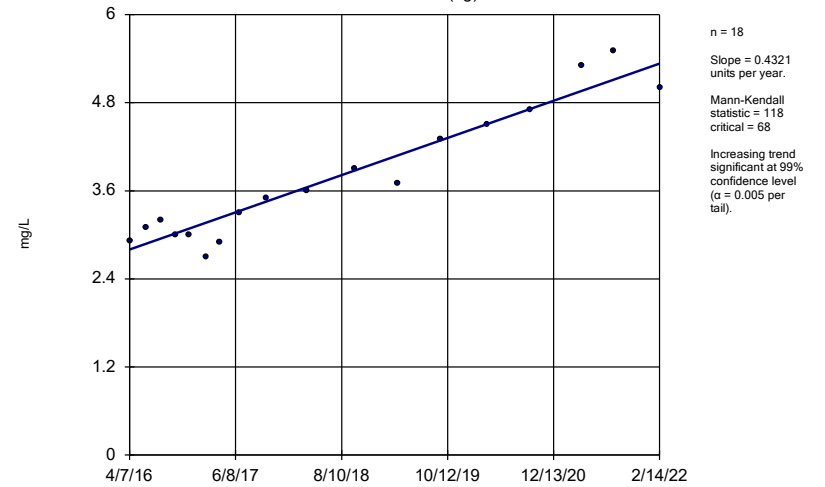
Constituent: Chloride Analysis Run 4/7/2022 1:09 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-45 (bg)



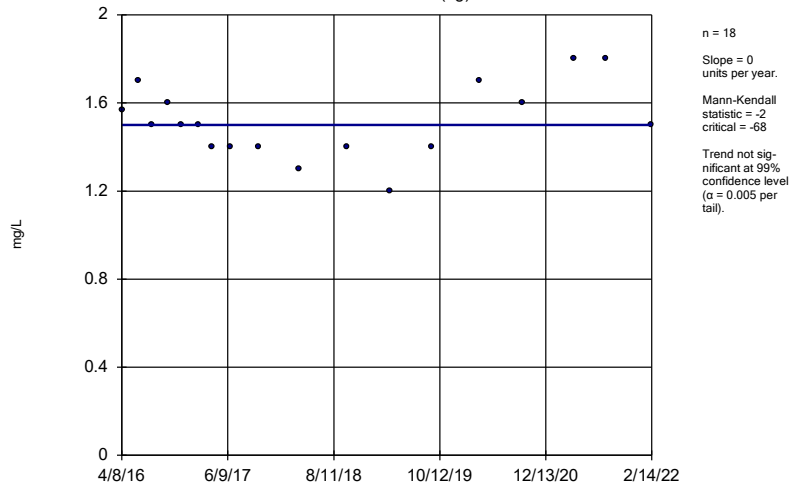
Constituent: Chloride Analysis Run 4/7/2022 1:09 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-46 (bg)



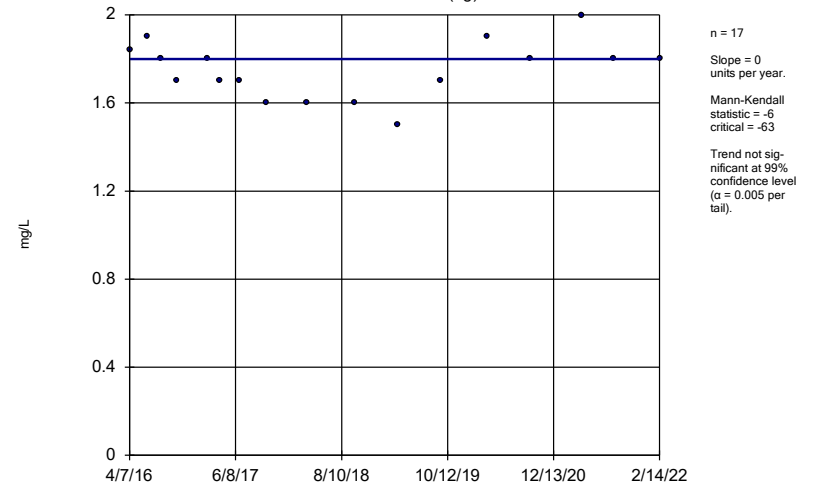
Constituent: Chloride Analysis Run 4/7/2022 1:09 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-47 (bg)



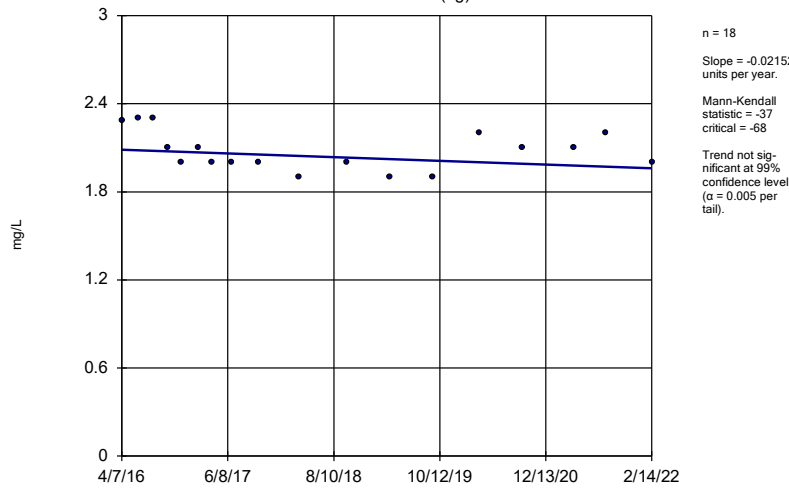
Constituent: Chloride Analysis Run 4/7/2022 1:09 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-48 (bg)



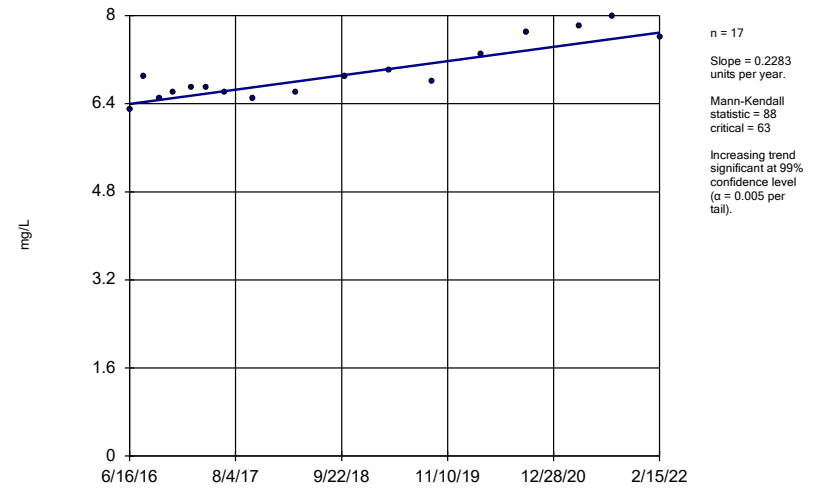
Constituent: Chloride Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-49 (bg)



Constituent: Chloride Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

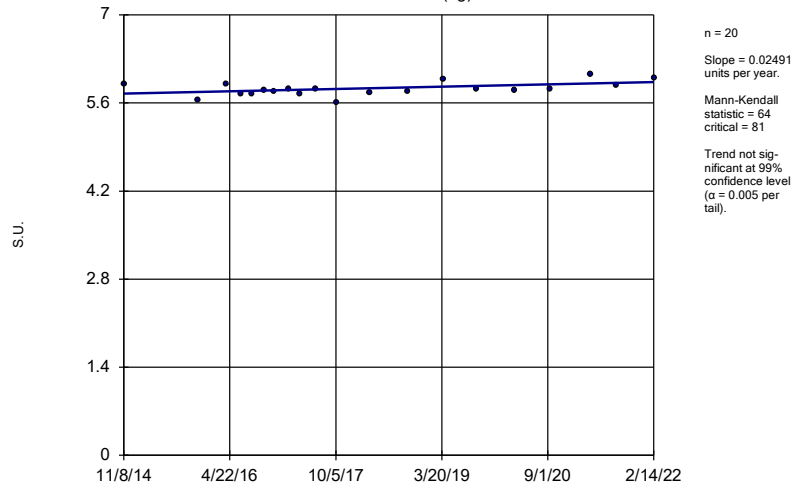
Sen's Slope Estimator
GWC-51



Constituent: Chloride Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

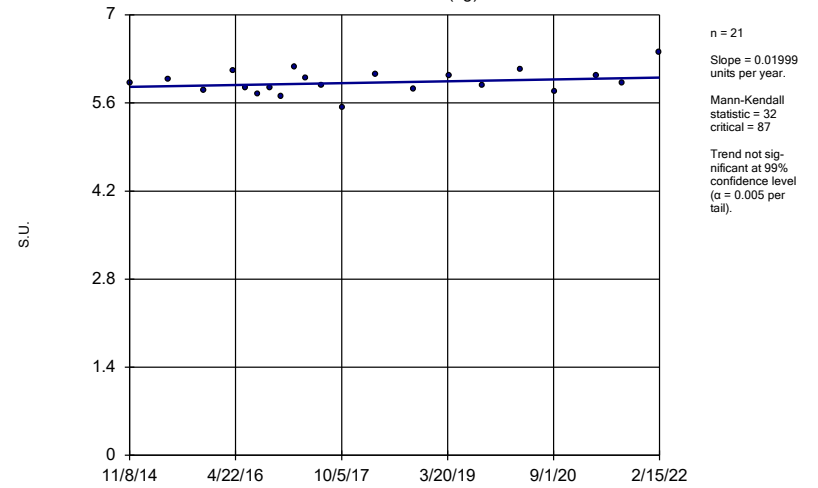
GWA-21 (bg)



Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

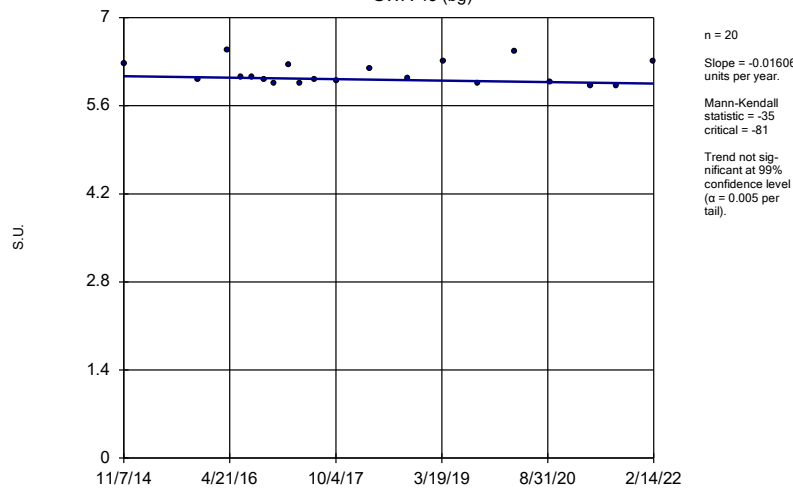
GWA-22 (bg)



Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

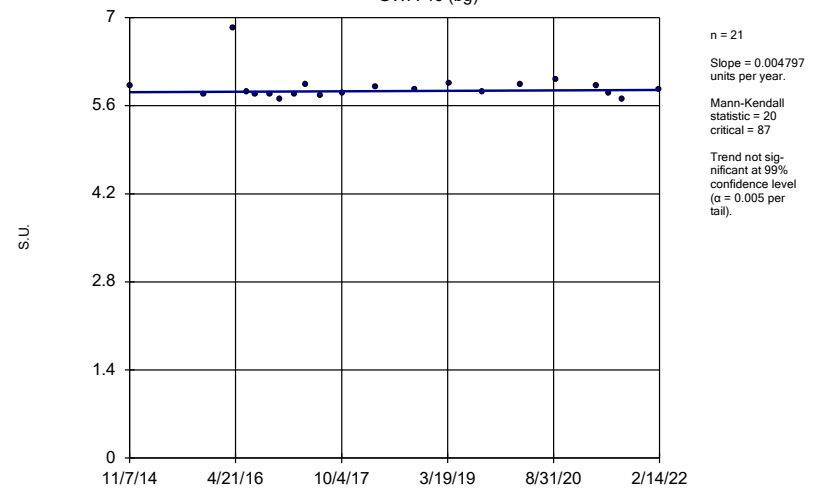
GWA-45 (bg)



Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

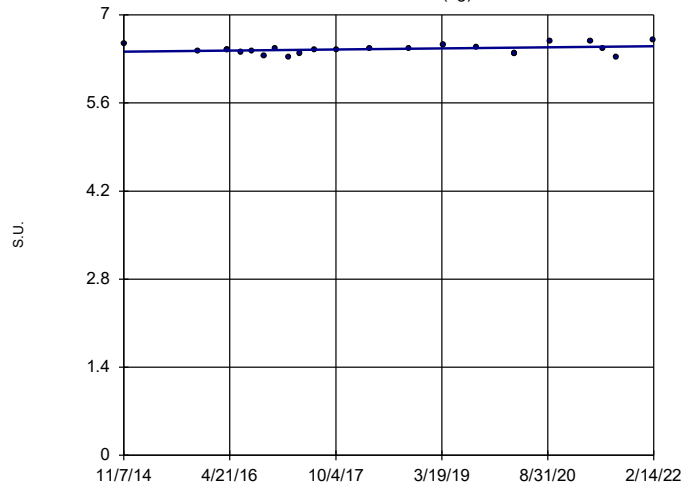
GWA-46 (bg)



Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

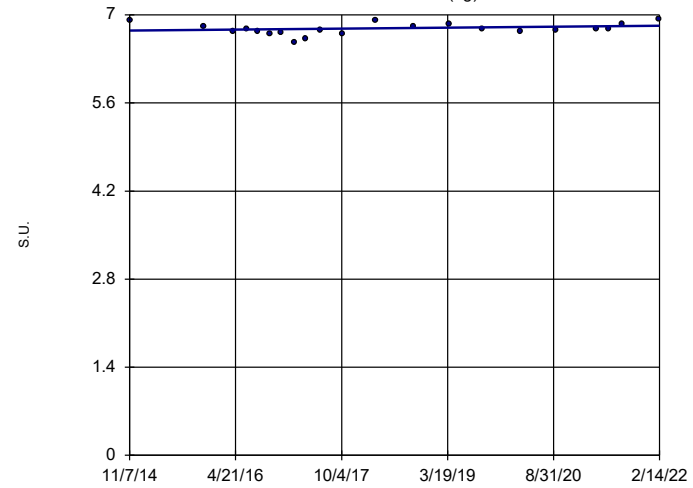


n = 23
 Slope = 0.01159
 units per year.
 Mann-Kendall
 statistic = 51
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

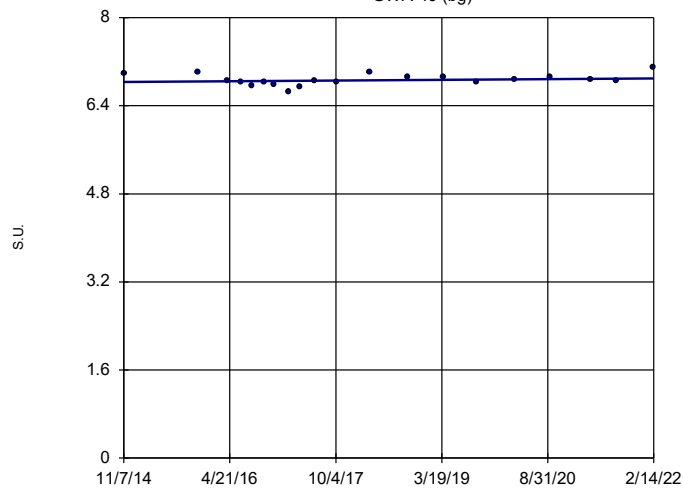


n = 21
 Slope = 0.01057
 units per year.
 Mann-Kendall
 statistic = 39
 critical = 87
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

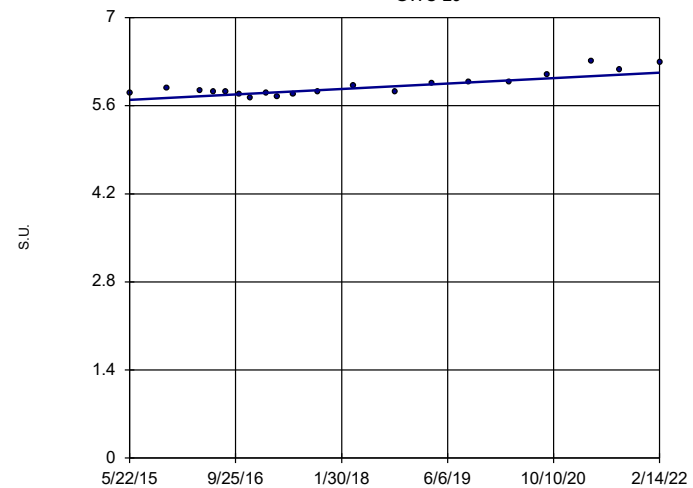


n = 20
 Slope = 0.008754
 units per year.
 Mann-Kendall
 statistic = 31
 critical = 81
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

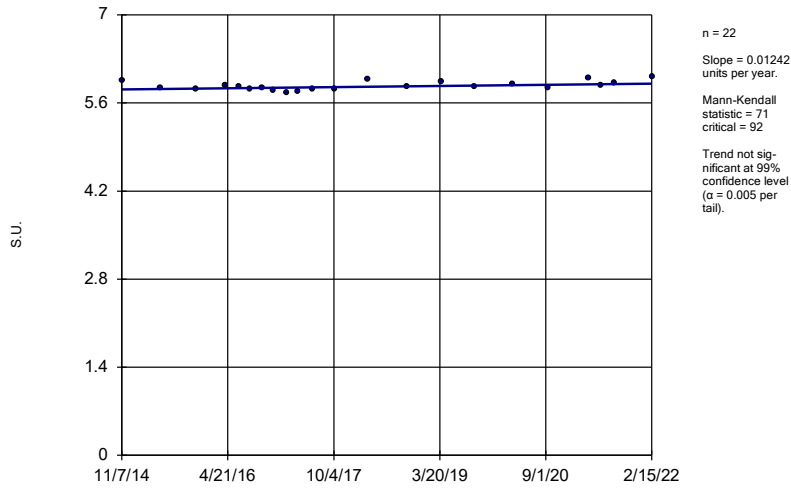
GWC-29



n = 20
 Slope = 0.06442
 units per year.
 Mann-Kendall
 statistic = 104
 critical = 81
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

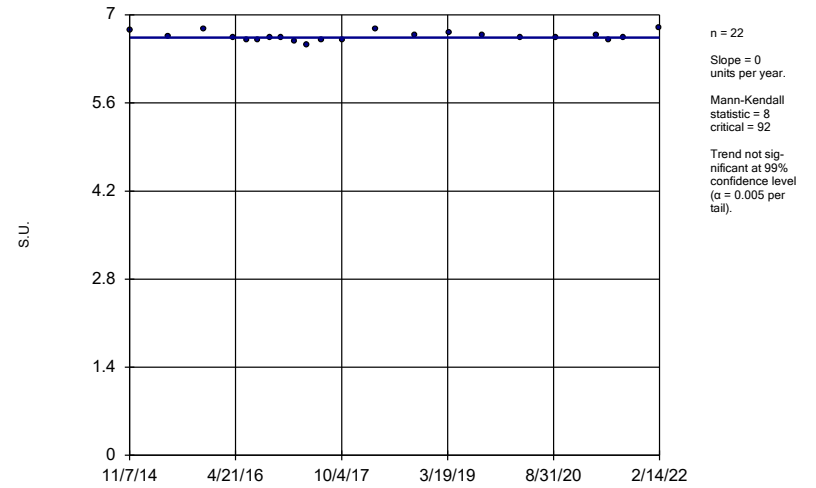
Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWC-51



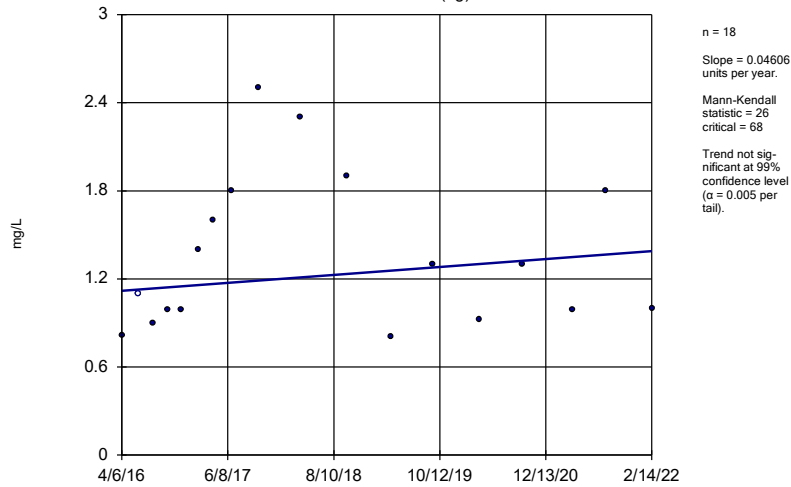
Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWC-52



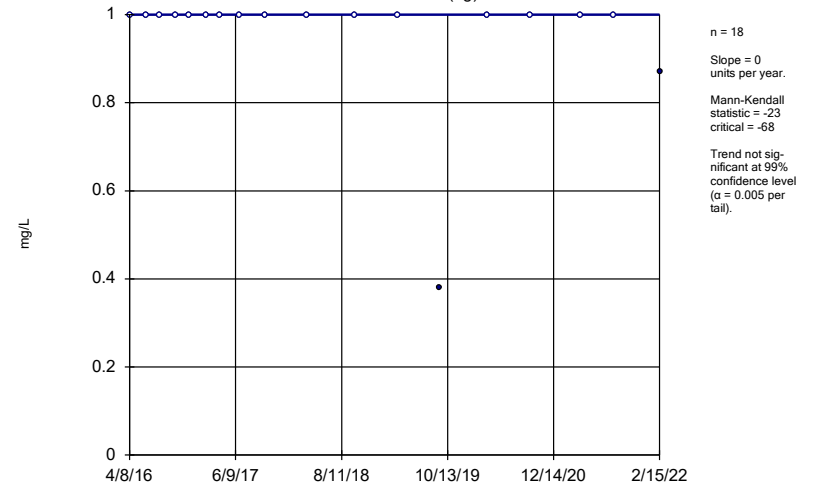
Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWA-21 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

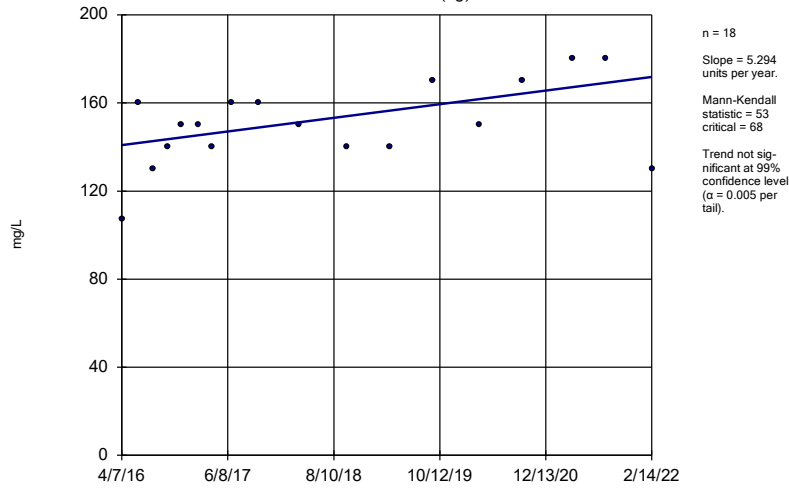
Sen's Slope Estimator GWA-22 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

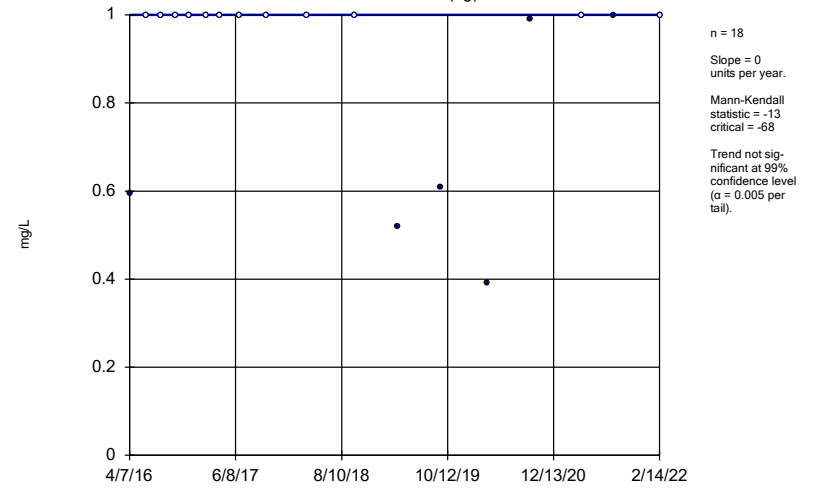


Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

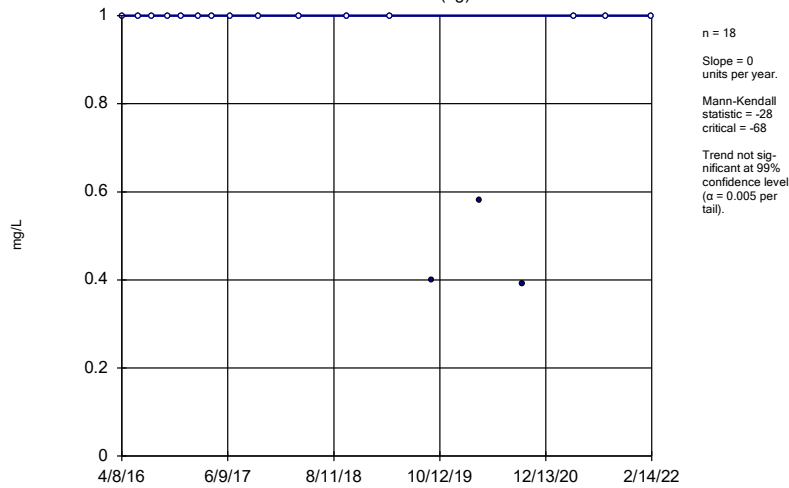
GWA-46 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

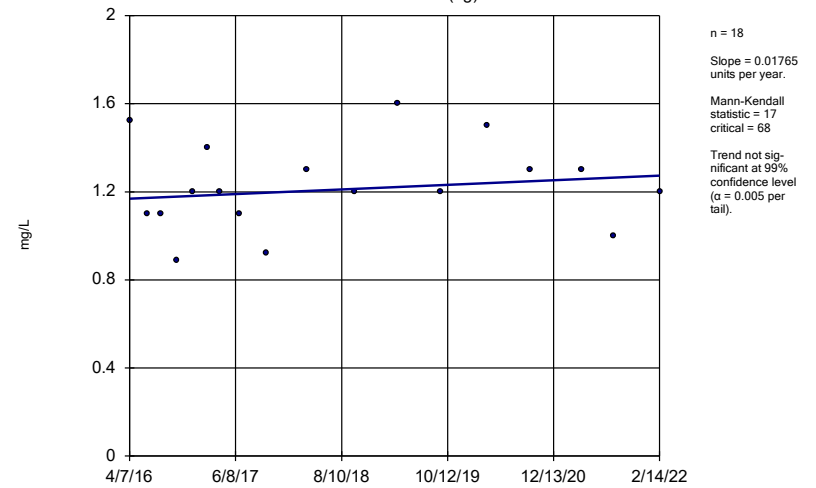
GWA-47 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

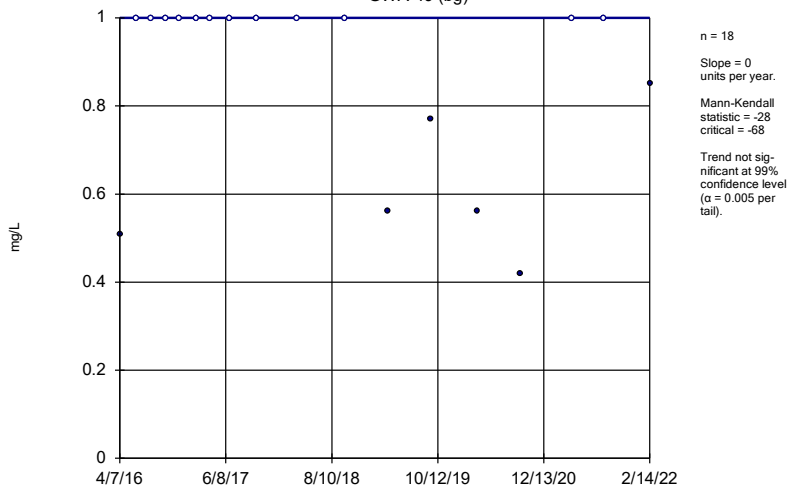
GWA-48 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

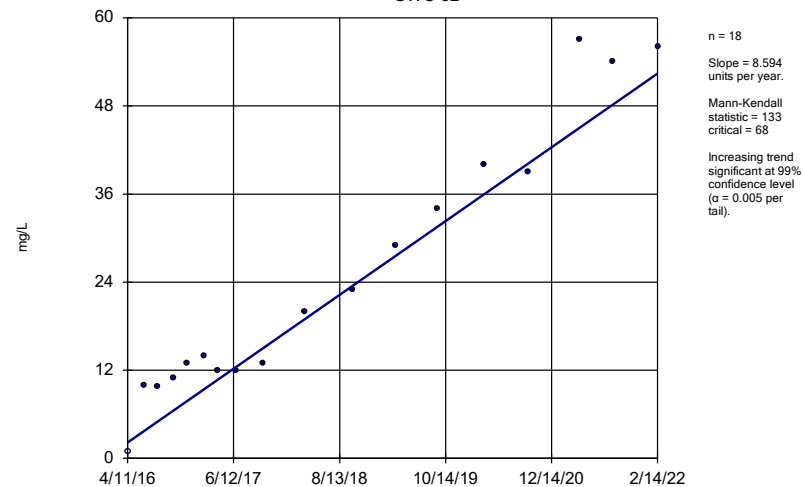
GWA-49 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52

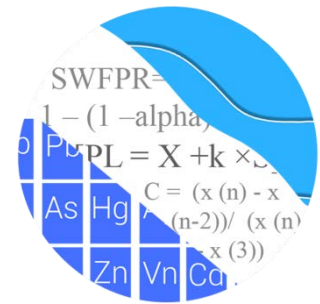


Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

AUGUST 2022

Statistical Analyses

GROUNDWATER STATS CONSULTING



January 31, 2023

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer Cell 1 Landfill
Statistical Analysis – August 2022

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater statistical analysis for the 2022 2nd Semi-Annual Groundwater Monitoring Statistical Analysis sample event for Georgia Power Company's Plant Scherer Cell 1 Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD) groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-15, GWA-16, and GWA-17
- **Downgradient wells:** GWC-1, GWC-2, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-8A, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, and GWC-20

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician to Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

The State and CCR program consist of the constituents listed below. The terms "parameters" and "constituents" are used interchangeably:

- **CCR Appendix III** - boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I** - antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Statistical analyses are not required when 100% non-detects are present in wells for a given constituent. A list of well/constituent pairs with 100% non-detects follows this letter. Due to varying detection limits in data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given constituent; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided during the background update discussed below and demonstrated that the selected statistical methods for the constituents listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection

Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. For the state parameters, it is assumed a minimum of 14 background samples are available to provide adequate statistical power using a 1-of-2 resample plan. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan (arsenic and silver)
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 16
- # Downgradient wells: 17

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 17

The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The following approaches are used for handling non-detects (USEPA, 2009):

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for

non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.

- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts to groundwater quality in downgradient wells. Intrawell methods use background data from individual wells and may be overly sensitive to natural variation. In particular, for nonparametric limits with small background sample sizes, the probability of a false positive result is higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of natural variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from natural variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed SSI.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an apparent intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of natural variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of natural variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for CCR Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach.

Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are

similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening – Georgia EPD Appendix I – Conducted in August 2019

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Tests

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections for the following constituents: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This

step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing trends. However, the majority of these trends were relatively low in magnitude when compared to average concentrations; therefore, most records required no adjustments. The following well/constituent pairs did require adjustments to the records in order to remove increasing trends and use more recent data that will result in statistical limits representative of present-day groundwater quality conditions: chromium in wells GWC-1 and GWC-10, and vanadium in well GWC-1. A summary of the background periods used for these well/constituent pairs follows this letter. When an increasing trend in a downgradient well is removed by truncating the earlier portion of the record for a constituent analyzed by intrawell limits, it is assumed that the trend is not the result of the facility. This assumption is supported by a boxplot for all wells, by pre-waste data, or by an alternate source demonstration.

Selenium at well GWC-5 had elevated concentrations beginning in 2015, reportedly, due to surface infiltration from a leaking pipe that has since been fixed. Therefore, trend tests were recommended in lieu of prediction limits. While the trend test showed an increasing trend when the entire record of data was evaluated, an additional trend test which evaluated only the most recent 8 measurements was included and demonstrated that the more recent measurements result in a statistically significant decreasing trend. Prediction limits may resume when at least 8 measurements return to background levels.

Several statistically significant decreasing trends were noted, but no records required adjustment during the screening. Vanadium at well GWC-8A has several more recent low-level reported concentrations similar to those reported during the earliest years of sampling. If these low-level concentrations continue, once a minimum of 8 new observations are available, the background data will likely be truncated to only use more recent data for construction of statistical limits.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells which included: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver,

vanadium, and zinc. The ANOVA assists in identifying the most appropriate statistical approach. Based on the results of the background screening, intrawell tests were recommended for antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc, while interwell tests were recommended for arsenic and silver. A summary table of the ANOVA results and a discussion of the intrawell method eligibility was included with the screening.

Background Update – Georgia EPD Appendix I and CCR Appendix III – June 2021

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells through September 2020. All of the more recent compliance measurements appeared stable with no spurious measurements compared to the previously screened historical data sets; therefore, no new outliers were flagged except for a high value for sulfate at well GWC-13 and the historic highest values for chloride and sulfate at GWC-5. These values were flagged in order to maintain conservative (i.e., lower) statistical limits. A summary of all flagged outliers follows this letter (Figure C). Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents tested using intrawell prediction limits, which includes all Georgia EPD Appendix I constituents (except arsenic and silver which utilize interwell prediction limits) and all CCR Appendix III constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through October 2018 to the new compliance samples at each well through September 2020. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was submitted with the background update. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with the background update report. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Trend Tests

For constituents requiring interwell prediction limits (arsenic and silver), the Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells. As mentioned above, in the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend, thus reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. No significant trends were identified among upgradient wells for arsenic and silver; therefore, no further action was necessary. Complete graphical results of the trend tests were submitted with the background update report.

Prediction Limits - Appendix I & III Constituents – August 2022

Intrawell limits were used to evaluate all Appendix I and III constituents in this analysis with the exception of arsenic and silver, which use interwell limits, and selenium at well GWC-5, which uses a trend test in lieu of a prediction limit. In cases where intrawell analyses are recommended and downgradient average concentrations are higher than upgradient observed concentrations for a given constituent, the current assumption is that the higher upgradient concentrations are due to natural spatial variation rather than a result of practices at the landfill. The pre-waste data support this logic, as well as the alternate source demonstrations prepared by Golder Associates.

When there is not an obvious explanation for observed concentration differences in downgradient wells relative to reported concentrations in upgradient wells (such as arsenic and silver), interwell prediction limits will initially be selected for the statistical method until further evidence shows that concentrations are due to natural variation rather than a result of the facility.

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through September 2020, except for cases mentioned above, within each well with detections for Appendix I constituents (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc) and Appendix III constituent (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)

(Figures D & E, respectively). As previously discussed, no statistical analyses were included for well/constituent pairs containing 100% non-detects.

For some well/constituent pairs containing <15% non-detects, parametric prediction limits slightly changed compared to those established during the background update. An update was made to the Sanitas™ statistical software in October 2022 that determines the percentage of non-detects within a given background record rather than all records evaluated for a given constituent. Simple substitution of ½ the reporting limit is applied when the percentage of non-detects is <15% in accordance with the USEPA EPA Unified Guidance (2009). No significant changes resulted from this implementation.

Note that the statistical limit for TDS in downgradient well GWC-12 changed slightly during this analysis due to handling of non-detect data from the Sanitas update. These changes did not have any significant impact on the statistical analysis.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. The following statistical exceedances were noted for the intrawell prediction limits:

Appendix I

- Barium: GWC-4, GWC-9, GWC-10, and GWC-19
- Nickel: GWC-9, GWC-10, and GWC-19

Appendix III

- Boron: GWC-10 and GWC-20
- Calcium: GWA-17 (upgradient), GWC-4, GWC-9, and GWC-19
- Chloride: GWA-15 (upgradient), GWC-7, and GWC-10
- Sulfate: GWC-2, GWC-4, GWC-9, and GWC-10
- TDS: GWA-15 (upgradient), GWC-4, and GWC-18

Two-Step Approach

Following the two-step analysis procedure discussed above, interwell prediction limits were then constructed using pooled upgradient well data through August 2022 to evaluate the Appendix I and III apparent intrawell prediction limit exceedances

(Figures F and G, respectively). The following statistical exceedances were noted for the interwell prediction limits:

Appendix I

- Barium: GWC-4
- Nickel: GWC-9 and GWC-10

Appendix III

- Boron: GWC-10 and GWC-20
- Calcium: GWC-4, GWC-9, and GWC-19
- Sulfate: GWC-4, GWC-9, and GWC-10
- TDS: GWC-4

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were then constructed using all pooled upgradient well data through August 2022 to develop background limits for arsenic and silver (Figure H). No statistical exceedances were noted for the interwell prediction limits. Summary tables of the intrawell and interwell prediction limits follow this letter along with the complete graphical results. The interwell limits are updated each time after screening for new outliers on the current upgradient well data, while the intrawell prediction limits are updated when a minimum of four new compliance observations are available.

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are significantly increasing, decreasing, or stable. Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of natural variability in groundwater unrelated to practices at the site.

As recommended during the previous screening, trend tests were used in lieu of prediction limits for selenium at well GWC-5. The trend test for selenium at well GWC-5 is included with the trend test section for Appendix I and III prediction limit exceedances (Figure I). While no statistically significant trend is present for selenium at well GWC-5 when the entire record is evaluated, concentrations exhibit a decreasing trend based on the most recent 8 measurements. Reported concentrations since September 2020 are below the historical reporting limit of 0.01 mg/L and the established Maximum

Contaminant Level of 0.05 mg/L. Although current concentrations have recently returned to historical levels, data will continue to be monitored using the trend analysis. Intrawell prediction limits may resume when a minimum of the most recent 8 measurements have stabilized to ensure the statistical limit is conservative from a regulatory perspective. During the next background update, this well/constituent pair will be screened for the purpose of constructing a statistical limit for selenium. A summary of the trend tests follows this letter along with complete graphical results of the trend analysis. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWC-4, GWC-10, and GWC-19
- Calcium: GWC-4 and GWC-19
- Chloride: GWA-15 (upgradient), GWC-7 and GWC-10
- Sulfate: GWC-10
- TDS: GWC-4

Decreasing:

- Barium: GWA-16 and GWA-17 (both upgradient)
- Chloride: GWA-17 (upgradient)
- Nickel: GWA-15 (upgradient)

Note that while the trend test identified a statistically significant decreasing trend for nickel in upgradient well HGWA-15, the slope is displayed on the graph and summary table as zero which represents the median slopes of all the possible pairwise slopes.

Resample Reports – December 2022

Additional data were collected in December 2022 based on the two-step approach for the following well/constituent pairs:

- Barium: GWC-4
- Boron: GWC-10 and GWC-20
- Calcium: GWC-4, GWC-9, and GWC-19
- Nickel: GWC-9 and GWC-10
- Sulfate: GWC-4

Note that pH was also sampled at wells GWC-4, GWC-9, GWC-10, GWC-19, and GWC-20.

Intrawell prediction limits were constructed using background data through September 2020 to compare the December 2022 samples for Appendix I and III parameters (Figures J and K, respectively). Exceedances were identified for the following well/constituent pairs:

- Barium: GWC-4
- Boron: GWC-10
- Calcium: GWC-4 and GWC-19
- Sulfate: GWC-4

In accordance with the two-step approach, interwell prediction limits were constructed to evaluate the apparent exceedances for barium, boron, calcium, and sulfate. The reported measurements exceeded the respective interwell prediction limits (Figures L and M, respectively).

Summary

Based on the results of the two-step approach, apparent intrawell prediction limit resampled measurements also exceeded the interwell prediction limits for the following well/constituent pairs:

Appendix I

- Barium: GWC-4

Appendix III

- Boron: GWC-10
- Calcium: GWC-4 and GWC-19
- Sulfate: GWC-4

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer Cell 1 Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Andrew T. Collins
Project Manager



Kristina L. Rayner
Senior Statistician

100% Non-Detects: Appendix I Intrawell

Analysis Run 11/29/2022 4:48 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Antimony, Total (mg/L)

GWA-15, GWA-17, GWC-1, GWC-10, GWC-11, GWC-13, GWC-14, GWC-20, GWC-5, GWC-6, GWC-8A, GWC-9

Beryllium, Total (mg/L)

GWA-15, GWA-16, GWC-1, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-2, GWC-20, GWC-3, GWC-4, GWC-6, GWC-9

Cadmium, Total (mg/L)

GWA-15, GWA-16, GWC-1, GWC-10, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-20, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-9

Cobalt, Total (mg/L)

GWC-10, GWC-13, GWC-14

Copper (mg/L)

GWA-15, GWC-10, GWC-12, GWC-19, GWC-5

Lead, Total (mg/L)

GWA-15, GWC-12

Mercury (mg/L)

GWC-12

Nickel (mg/L)

GWC-14

Selenium, Total (mg/L)

GWC-13, GWC-20

Thallium, Total (mg/L)

GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-20, GWC-3

100% Non-Detects: Appendix I Interwell Downgradient

Analysis Run 11/29/2022 5:00 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Arsenic, Total (mg/L)
GWC-10D

Silver (mg/L)
GWC-10, GWC-10D, GWC-11, GWC-12, GWC-14, GWC-18, GWC-19, GWC-2, GWC-20, GWC-3, GWC-4, GWC-5, GWC-7, GWC-8A, GWC-9

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 4:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-10	0.03499	n/a	8/25/2022	0.035	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	8/25/2022	0.03	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	n/a	8/25/2022	0.054	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-9	0.03624	n/a	8/25/2022	0.04	Yes	29	0.02271	0.005359	3.448	None	No	0.0001937	Param Intra 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	8/25/2022	0.003	Yes	24	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0015	n/a	8/25/2022	0.0017	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	8/25/2022	0.0042	Yes	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 4:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-16	0.002	n/a	8/25/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-12	0.002	n/a	8/26/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-18	0.002	n/a	8/25/2022	0.002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-19	0.002	n/a	8/25/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-2	0.002	n/a	8/26/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-3	0.002	n/a	8/25/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-4	0.002	n/a	8/25/2022	0.00058J	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-7	0.002	n/a	8/25/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-15	0.01222	n/a	8/25/2022	0.012	No	29	1.0e-6	3.3e-7	3.448	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-16	0.039	n/a	8/25/2022	0.025	No	29	n/a	n/a	0	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-17	0.05168	n/a	8/24/2022	0.031	No	29	0.03311	0.007355	3.448	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-1	0.05736	n/a	8/24/2022	0.043	No	29	0.04657	0.004275	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-10	0.03499	n/a	8/25/2022	0.035	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-11	0.02014	n/a	8/25/2022	0.018	No	29	0.000004282	0.000001538	6.897	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-12	0.02024	n/a	8/26/2022	0.018	No	29	0.0002401	0.00006713	6.897	None	x^2	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-13	0.04187	n/a	8/26/2022	0.035	No	25	0.3096	0.01457	0	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-14	0.01121	n/a	8/26/2022	0.011	No	27	8.3e-7	2.3e-7	3.704	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-18	0.04194	n/a	8/25/2022	0.035	No	29	0.0000432	0.00001211	3.448	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	8/25/2022	0.03	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-2	0.05512	n/a	8/26/2022	0.045	No	29	0.04531	0.003886	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-20	0.03633	n/a	8/25/2022	0.031	No	29	0.00002787	0.00000795	3.448	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-3	0.039	n/a	8/25/2022	0.013	No	28	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	n/a	8/25/2022	0.054	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-5	0.1279	n/a	8/25/2022	0.031	No	29	0.1968	0.06373	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-6	0.06608	n/a	8/25/2022	0.055	No	29	0.05388	0.004831	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-7	0.04238	n/a	8/25/2022	0.035	No	29	0.03227	0.004007	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-8A	0.1198	n/a	8/25/2022	0.03	No	29	0.2032	0.05658	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-9	0.03624	n/a	8/25/2022	0.04	Yes	29	0.02271	0.005359	3.448	None	No	0.0001937	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-17	0.0025	n/a	8/24/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-5	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-7	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-8A	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-17	0.0025	n/a	8/24/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-11	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-2	0.0025	n/a	8/26/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-8A	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-15	0.0036	n/a	8/25/2022	0.002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-16	0.007382	n/a	8/25/2022	0.0056	No	29	0.004764	0.001037	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-17	0.01139	n/a	8/24/2022	0.0076	No	29	0.006855	0.001796	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-1	0.01967	n/a	8/24/2022	0.014	No	29	0.01183	0.003104	0	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-10	0.02162	n/a	8/25/2022	0.018	No	25	0.01381	0.003022	0	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-11	0.012	n/a	8/25/2022	0.0069	No	29	n/a	n/a	3.448	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-12	0.0036	n/a	8/26/2022	0.002ND	No	29	n/a	n/a	41.38	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-13	0.009035	n/a	8/26/2022	0.0043	No	28	0.06874	0.01036	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-14	0.0038	n/a	8/26/2022	0.002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWC-18	0.02	n/a	8/25/2022	0.012	No	29	n/a	n/a	0	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-19	0.01525	n/a	8/25/2022	0.015	No	29	0.008864	0.00253	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-2	0.01454	n/a	8/26/2022	0.0095	No	29	0.009614	0.001953	6.897	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-20	0.01486	n/a	8/25/2022	0.0079	No	29	0.008812	0.002395	6.897	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-3	0.02071	n/a	8/25/2022	0.0072	No	28	-4.683	0.3173	3.571	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-4	0.01054	n/a	8/25/2022	0.0038	No	29	0.006034	0.001786	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-5	0.01109	n/a	8/25/2022	0.0058	No	29	-5.516	0.4017	3.448	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-6	0.01026	n/a	8/25/2022	0.0046	No	29	-5.297	0.2843	6.897	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-7	0.01648	n/a	8/25/2022	0.0085	No	29	-4.614	0.2014	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-8A	0.023	n/a	8/25/2022	0.002ND	No	28	n/a	n/a	39.29	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-9	0.01293	n/a	8/25/2022	0.0092	No	29	0.007596	0.002111	3.448	None	No	0.0001937	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 4:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt, Total (mg/L)	GWA-15	0.0025	n/a	8/25/2022	0.0014J	No	28	n/a	n/a	53.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-16	0.0025	n/a	8/25/2022	0.0025ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-17	0.0025	n/a	8/24/2022	0.0025ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-1	0.0025	n/a	8/24/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-11	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-12	0.00057	n/a	8/26/2022	0.00033J	No	29	n/a	n/a	72.41	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-18	0.0025	n/a	8/25/2022	0.0025ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-19	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-2	0.0025	n/a	8/26/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-20	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-3	0.0025	n/a	8/25/2022	0.00046J	No	27	n/a	n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-4	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-5	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-6	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-7	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-8A	0.0046	n/a	8/25/2022	0.0021J	No	26	n/a	n/a	50	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWC-9	0.0025	n/a	8/25/2022	0.00053J	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	8/25/2022	0.002ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	8/24/2022	0.002ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	8/24/2022	0.002ND	No	24	n/a	n/a	100	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	8/25/2022	0.002ND	No	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	8/26/2022	0.002ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	8/26/2022	0.002ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	8/25/2022	0.002ND	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	8/26/2022	0.002ND	No	24	n/a	n/a	100	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	8/25/2022	0.002ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	8/25/2022	0.0013J	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	8/25/2022	0.002ND	No	24	n/a	n/a	50	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	8/25/2022	0.002ND	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	8/25/2022	0.002ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.18	n/a	8/25/2022	0.002ND	No	24	n/a	n/a	33.33	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	8/25/2022	0.0017J	No	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-16	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-17	0.001	n/a	8/24/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-1	0.001	n/a	8/24/2022	0.001ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-10	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-11	0.0017	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-13	0.001	n/a	8/26/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-14	0.001	n/a	8/26/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-18	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-19	0.0015	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-2	0.001	n/a	8/26/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-20	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-3	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-4	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-5	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-6	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-7	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-8A	0.0012	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-9	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	8/24/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	8/24/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 4:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWC-13	0.0002	n/a	8/26/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	8/26/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	8/26/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	8/25/2022	0.001	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	8/25/2022	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	8/24/2022	0.00082J	No	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0018	n/a	8/24/2022	0.00086J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	8/25/2022	0.003	Yes	24	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	8/25/2022	0.00081J	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	8/26/2022	0.00096J	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	8/26/2022	0.001ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.001	n/a	8/25/2022	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0015	n/a	8/25/2022	0.0017	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0023	n/a	8/26/2022	0.002	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.003	n/a	8/25/2022	0.00074J	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	8/25/2022	0.0024	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	8/25/2022	0.0015	No	24	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	8/25/2022	0.00071J	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	8/25/2022	0.0013	No	24	n/a	n/a	70.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	8/25/2022	0.0015	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.0069	n/a	8/25/2022	0.0053	No	22	n/a	n/a	50	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	8/25/2022	0.0042	Yes	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-15	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-16	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-17	0.005	n/a	8/24/2022	0.005ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-1	0.0053	n/a	8/24/2022	0.005ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-10	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-11	0.005	n/a	8/25/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-12	0.005	n/a	8/26/2022	0.005ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-14	0.0052	n/a	8/26/2022	0.005ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-18	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-19	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-2	0.005	n/a	8/26/2022	0.005ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-3	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-4	0.005	n/a	8/25/2022	0.0012J	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-5	0.0587	n/a	8/25/2022	0.0043J	No	29	n/a	n/a	41.38	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Selenium, Total (mg/L)	GWC-6	0.007	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-7	0.0053	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-8A	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-9	0.0065	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-15	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-16	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-17	0.001	n/a	8/24/2022	0.001ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-1	0.001	n/a	8/24/2022	0.001ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-19	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-2	0.001	n/a	8/26/2022	0.001ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 4:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Thallium, Total (mg/L)	GWC-4	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-5	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-6	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-7	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-8A	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-9	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	8/25/2022	0.001ND	No	24	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01209	n/a	8/25/2022	0.0079	No	24	0.007036	0.001938	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.009175	n/a	8/24/2022	0.0051	No	24	0.00428	0.001876	16.67	Kaplan-Meier	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02568	n/a	8/24/2022	0.017	No	24	0.01527	0.003991	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.018	n/a	8/25/2022	0.011	No	24	0.01197	0.002311	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.01545	n/a	8/25/2022	0.0099	No	24	0.01026	0.00199	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	8/26/2022	0.001ND	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	8/26/2022	0.0016	No	24	n/a	n/a	70.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	8/26/2022	0.0017	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.0116	n/a	8/25/2022	0.007	No	24	-5.061	0.2315	4.167	None	ln(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01075	n/a	8/25/2022	0.0068	No	24	0.007178	0.001371	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.0213	n/a	8/26/2022	0.015	No	24	0.01331	0.003063	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02338	n/a	8/25/2022	0.018	No	24	0.0002985	0.00009509	4.167	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01107	n/a	8/25/2022	0.0072	No	23	0.006358	0.001789	4.348	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01233	n/a	8/25/2022	0.0059	No	24	0.007514	0.001845	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006806	n/a	8/25/2022	0.0026	No	24	0.003039	0.001444	25	Kaplan-Meier	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01407	n/a	8/25/2022	0.011	No	24	0.008748	0.00204	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01769	n/a	8/25/2022	0.014	No	24	0.0001668	0.00005598	4.167	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.04454	n/a	8/25/2022	0.0023	No	21	0.01407	0.01137	9.524	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02787	n/a	8/25/2022	0.025	No	24	0.01612	0.004504	4.167	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.006	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.005	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0084	n/a	8/24/2022	0.005ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.005	n/a	8/24/2022	0.0039J	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.005	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	8/25/2022	0.005ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	8/26/2022	0.005ND	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	8/26/2022	0.005ND	No	24	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.005	n/a	8/26/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0077	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	n/a	8/25/2022	0.005ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.005	n/a	8/26/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	8/25/2022	0.0063	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	n/a	8/25/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	n/a	8/25/2022	0.005ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	8/25/2022	0.005ND	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.005	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-10	0.08	n/a	8/25/2022	0.11	Yes	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	8/25/2022	0.12	Yes	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-17	8.711	n/a	8/24/2022	8.9	Yes	15	6.639	0.7855	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	8/25/2022	18	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	16.56	n/a	8/25/2022	17	Yes	15	12.47	1.553	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	19.78	n/a	8/25/2022	21	Yes	15	17.05	1.037	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	6.3	n/a	8/25/2022	6.9	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-10	4.3	n/a	8/25/2022	5	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-7	2.5	n/a	8/25/2022	3	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-10	1.475	n/a	8/25/2022	3.7	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-2	1	n/a	8/26/2022	1.1	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	8/25/2022	19	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	16.91	n/a	8/25/2022	19	Yes	15	9.857	2.672	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	76.79	n/a	8/25/2022	86	Yes	15	35.07	15.82	13.33	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	120.6	n/a	8/25/2022	130	Yes	15	84.33	13.75	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	166.6	n/a	8/25/2022	170	Yes	15	116.9	18.84	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-17	0.08	n/a	8/24/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	8/24/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-10	0.08	n/a	8/25/2022	0.11	Yes	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	8/26/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	8/25/2022	0.12	Yes	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	8/25/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.6373	n/a	8/25/2022	0.19	No	15	0.3412	0.1122	6.667	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	8/25/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	8/25/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3262	n/a	8/25/2022	0.18	No	14	0.1846	0.05242	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1305	n/a	8/25/2022	0.13	No	15	0.08718	0.0164	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-15	5.463	n/a	8/25/2022	4.9	No	15	4.215	0.4731	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	14.38	n/a	8/25/2022	13	No	15	11.59	1.055	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	8.711	n/a	8/24/2022	8.9	Yes	15	6.639	0.7855	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.62	n/a	8/24/2022	17	No	15	17.13	1.326	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	21.64	n/a	8/25/2022	20	No	15	16.8	1.835	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	15.09	n/a	8/25/2022	14	No	15	12.69	0.9098	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.581	n/a	8/26/2022	0.99	No	15	1.095	0.184	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	9.036	n/a	8/26/2022	7.5	No	15	1.862	0.08384	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.744	n/a	8/26/2022	7	No	15	6.446	0.4921	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	12.05	n/a	8/25/2022	11	No	15	10.29	0.6675	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	8/25/2022	18	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	20.61	n/a	8/26/2022	18	No	15	17.31	1.248	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	16.02	n/a	8/25/2022	15	No	15	13.43	0.9796	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	11.1	n/a	8/25/2022	5.5	No	15	7.961	1.19	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	16.56	n/a	8/25/2022	17	Yes	15	12.47	1.553	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	222.5	n/a	8/25/2022	37	No	15	107.3	43.67	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	21.67	n/a	8/25/2022	19	No	15	17.82	1.459	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	16.33	n/a	8/25/2022	16	No	15	14.12	0.8377	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-8A	45.47	n/a	8/25/2022	39	No	10	25.9	6.402	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	19.78	n/a	8/25/2022	21	Yes	15	17.05	1.037	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	6.3	n/a	8/25/2022	6.9	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-16	2.089	n/a	8/25/2022	1.6	No	15	1.646	0.1678	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	2.117	n/a	8/24/2022	1.4	No	15	1.566	0.2089	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.775	n/a	8/24/2022	3.6	No	15	3.841	0.354	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	4.3	n/a	8/25/2022	5	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-11	2.109	n/a	8/25/2022	1.8	No	15	1.772	0.1278	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.15	n/a	8/26/2022	1.7	No	15	1.753	0.1506	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-13	1.976	n/a	8/26/2022	1.5	No	15	1.548	0.1621	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.365	n/a	8/26/2022	3.3	No	15	2.894	0.1784	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.9	n/a	8/25/2022	2.8	No	15	2.515	0.1457	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.435	n/a	8/25/2022	2.4	No	15	1.338	0.08444	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.66	n/a	8/26/2022	2.1	No	15	2.123	0.2035	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.425	n/a	8/25/2022	2.1	No	15	7.311	2.638	6.667	None	x^3	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	4.015	n/a	8/25/2022	3.2	No	15	3.176	0.3181	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	15.93	n/a	8/25/2022	11	No	15	7.238	3.295	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	134.3	n/a	8/25/2022	12	No	14	60.62	27.28	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	9.041	n/a	8/25/2022	6.2	No	14	6.021	1.119	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.5	n/a	8/25/2022	3	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-8A	10.77	n/a	8/25/2022	7.5	No	14	2.006	0.1373	0	None	ln(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	4.39	n/a	8/25/2022	4.2	No	15	3.523	0.3286	0	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWA-15	0.1	n/a	8/25/2022	0.1ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.082	n/a	8/25/2022	0.047J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.082	n/a	8/24/2022	0.047J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1092	n/a	8/24/2022	0.075J	No	15	0.005859	0.002297	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-10	0.088	n/a	8/25/2022	0.065J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.1	n/a	8/25/2022	0.059J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.1	n/a	8/26/2022	0.026J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.1	n/a	8/26/2022	0.055J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.1	n/a	8/26/2022	0.068J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.1	n/a	8/25/2022	0.047J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.1	n/a	8/25/2022	0.042J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-2	0.082	n/a	8/26/2022	0.048J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.1	n/a	8/25/2022	0.05J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.091	n/a	8/25/2022	0.059J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1466	n/a	8/25/2022	0.077J	No	15	0.009818	0.004428	0	None	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	8/25/2022	0.047J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-6	0.082	n/a	8/25/2022	0.058J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	8/25/2022	0.051J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2241	n/a	8/25/2022	0.059J	No	14	0.1081	0.04297	0	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.096	n/a	8/25/2022	0.064J	No	15	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.761	5.24	8/25/2022	5.4	No	18	5.501	0.1037	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWA-16	6.563	6.191	8/25/2022	6.42	No	18	6.377	0.07404	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWA-17	6.338	5.628	8/24/2022	6.22	No	18	5.983	0.1415	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-1	6.745	6.3	8/24/2022	6.42	No	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.659	6.027	8/25/2022	6.2	No	18	6.343	0.1259	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-11	6.354	5.988	8/25/2022	6.01	No	17	6.171	0.07184	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-12	5.433	4.859	8/26/2022	5.07	No	18	5.146	0.1143	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-13	6.052	5.659	8/26/2022	5.91	No	19	6.960	466.8	0	None	x^5	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-14	5.903	5.332	8/26/2022	5.51	No	17	5.617	0.1122	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.46	6.164	8/25/2022	6.45	No	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.518	6.229	8/25/2022	6.36	No	17	6.374	0.05689	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-2	7	6.35	8/26/2022	6.37	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-20	6.664	6.342	8/25/2022	6.62	No	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-3	6.201	5.69	8/25/2022	5.99	No	18	5.946	0.1019	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.591	5.971	8/25/2022	6.19	No	18	39.54	1.551	0	None	x^2	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-5	6.158	5.348	8/25/2022	5.96	No	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.43	6.09	8/25/2022	6.13	No	18	n/a	n/a	0	n/a	n/a	0.01075	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-7	6.42	5.96	8/25/2022	6.31	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-8A	7.26	6.24	8/25/2022	6.29	No	21	n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-9	6.922	6.294	8/25/2022	6.48	No	18	6.608	0.1251	0	None	No	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWA-15	3.1	n/a	8/25/2022	1.9	No	15	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	1	n/a	8/25/2022	1ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1	n/a	8/24/2022	1ND	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	8/24/2022	1ND	No	15	n/a	n/a	40	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-10	1.475	n/a	8/25/2022	3.7	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	1	n/a	8/25/2022	1ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	8/26/2022	0.77J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.3	n/a	8/26/2022	1.3	No	14	n/a	n/a	64.29	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	1	n/a	8/26/2022	0.79J	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1	n/a	8/25/2022	1ND	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.2	n/a	8/25/2022	1ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-2	1	n/a	8/26/2022	1.1	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1	n/a	8/25/2022	1ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	8/25/2022	0.99J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	8/25/2022	19	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-5	629.8	n/a	8/25/2022	100	No	14	315	116.6	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	17.41	n/a	8/25/2022	12	No	15	10.19	2.735	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1	n/a	8/25/2022	1ND	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	55.93	n/a	8/25/2022	22	No	14	30.76	9.32	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-9	16.91	n/a	8/25/2022	19	Yes	15	9.857	2.672	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	76.79	n/a	8/25/2022	86	Yes	15	35.07	15.82	13.33	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-16	153.2	n/a	8/25/2022	130	No	15	93.67	22.56	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-17	132.7	n/a	8/24/2022	110	No	15	66.53	25.08	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	164.7	n/a	8/24/2022	160	No	15	131.1	12.73	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	180.4	n/a	8/25/2022	170	No	14	127.6	19.55	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-11	293	n/a	8/25/2022	130	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	102.3	n/a	8/26/2022	29	No	15	2.564	0.8012	26.67	Kaplan-Meier	x^(1/3)	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	119.3	n/a	8/26/2022	84	No	14	58.14	22.64	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	103	n/a	8/26/2022	91	No	15	55	18.21	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	120.6	n/a	8/25/2022	130	Yes	15	84.33	13.75	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	164.4	n/a	8/25/2022	150	No	15	90.33	28.07	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	192.3	n/a	8/26/2022	180	No	15	116.2	28.83	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	146.1	n/a	8/25/2022	140	No	15	102.9	16.4	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-3	112.1	n/a	8/25/2022	110	No	15	79.13	12.48	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	166.6	n/a	8/25/2022	170	Yes	15	116.9	18.84	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	1654	n/a	8/25/2022	290	No	15	823.3	314.8	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	183.8	n/a	8/25/2022	170	No	15	144.8	14.77	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	155.6	n/a	8/25/2022	150	No	15	116.4	14.86	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8A	404	n/a	8/25/2022	270	No	13	14.63	1.981	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	205.7	n/a	8/25/2022	180	No	15	20532	8252	0	None	x^2	0.0004426	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:08 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	8/25/2022	0.054	Yes	99	n/a	n/a	2.02	n/a	n/a	0.0001956	NP Inter (normality) 1 of 2
Nickel (mg/L)	GWC-10	0.00202	n/a	8/25/2022	0.003	Yes	83	n/a	n/a	84.34	n/a	n/a	0.0002763	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.00202	n/a	8/25/2022	0.0042	Yes	83	n/a	n/a	84.34	n/a	n/a	0.0002763	NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:08 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-10	0.051	n/a	8/25/2022	0.035	No	99	n/a	n/a	2.02	n/a	n/a	0.0001956	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-19	0.051	n/a	8/25/2022	0.03	No	99	n/a	n/a	2.02	n/a	n/a	0.0001956	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.051	n/a	8/25/2022	0.054	Yes	99	n/a	n/a	2.02	n/a	n/a	0.0001956	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-9	0.051	n/a	8/25/2022	0.04	No	99	n/a	n/a	2.02	n/a	n/a	0.0001956	NP Inter (normality) 1 of 2
Nickel (mg/L)	GWC-10	0.00202	n/a	8/25/2022	0.003	Yes	83	n/a	n/a	84.34	n/a	n/a	0.0002763	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.00202	n/a	8/25/2022	0.0017	No	83	n/a	n/a	84.34	n/a	n/a	0.0002763	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.00202	n/a	8/25/2022	0.0042	Yes	83	n/a	n/a	84.34	n/a	n/a	0.0002763	NP Inter (NDs) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/13/2022, 7:49 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-10	0.08	n/a	8/25/2022	0.11	Yes	57	n/a	n/a	n/a	98.25	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	8/25/2022	0.12	Yes	57	n/a	n/a	n/a	98.25	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-19	14	n/a	8/25/2022	18	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	14	n/a	8/25/2022	17	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	14	n/a	8/25/2022	21	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.1	n/a	8/25/2022	3.7	Yes	57	n/a	n/a	n/a	73.68	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	8/25/2022	19	Yes	57	n/a	n/a	n/a	73.68	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.1	n/a	8/25/2022	19	Yes	57	n/a	n/a	n/a	73.68	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	137.4	n/a	8/25/2022	170	Yes	57	69.25	31.7	n/a	3.509	None	No	0.0004426	Param Inter 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/13/2022, 7:49 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-10	0.08	n/a	8/25/2022	0.11	Yes	57	n/a	n/a	98.25	n/a	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	8/25/2022	0.12	Yes	57	n/a	n/a	98.25	n/a	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-19	14	n/a	8/25/2022	18	Yes	57	n/a	n/a	0	n/a	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	14	n/a	8/25/2022	17	Yes	57	n/a	n/a	0	n/a	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	14	n/a	8/25/2022	21	Yes	57	n/a	n/a	0	n/a	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	7.2	n/a	8/25/2022	5	No	57	n/a	n/a	0	n/a	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	7.2	n/a	8/25/2022	3	No	57	n/a	n/a	0	n/a	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.1	n/a	8/25/2022	3.7	Yes	57	n/a	n/a	73.68	n/a	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-2	3.1	n/a	8/26/2022	1.1	No	57	n/a	n/a	73.68	n/a	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	8/25/2022	19	Yes	57	n/a	n/a	73.68	n/a	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.1	n/a	8/25/2022	19	Yes	57	n/a	n/a	73.68	n/a	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	137.4	n/a	8/25/2022	130	No	57	69.25	31.7	3.509	None	No	0.0004426	Param Inter 1 of 2	
Total Dissolved Solids (mg/L)	GWC-4	137.4	n/a	8/25/2022	170	Yes	57	69.25	31.7	3.509	None	No	0.0004426	Param Inter 1 of 2	

Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWC-1	0.001	n/a	8/24/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-10	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-11	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-12	0.001	n/a	8/26/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-13	0.001	n/a	8/26/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-14	0.001	n/a	8/26/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-18	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-19	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-2	0.001	n/a	8/26/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-20	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-3	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-4	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-5	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-6	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-7	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-8A	0.001	n/a	8/25/2022	0.00048J	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-9	0.001	n/a	8/25/2022	0.00037J	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	8/24/2022	0.001ND	No	84	n/a	n/a	100	n/a	n/a	0.0002703	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	8/26/2022	0.001ND	No	84	n/a	n/a	100	n/a	n/a	0.0002703	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	8/25/2022	0.001ND	No	84	n/a	n/a	100	n/a	n/a	0.0002703	NP Inter (NDs) 1 of 2

Appendix I & III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/30/2022, 9:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-16 (bg)	-0.0003776	-205	-167	Yes	33	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0008881	-189	-167	Yes	33	3.03	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.001006	329	167	Yes	33	6.061	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0005161	245	167	Yes	33	3.03	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.001714	377	176	Yes	34	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.023	112	74	Yes	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-4	0.6848	98	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.2123	82	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.05993	-88	-74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.2923	143	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.1634	79	74	Yes	19	0	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-15 (bg)	0	-134	-131	Yes	28	71.43	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.391	159	81	Yes	20	15	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-4	6.979	99	74	Yes	19	0	n/a	n/a	0.01	NP

Appendix I & III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/30/2022, 9:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-15 (bg)	0	42	167	No	33	3.03	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-16 (bg)	-0.0003776	-205	-167	Yes	33	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0008881	-189	-167	Yes	33	3.03	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.001006	329	167	Yes	33	6.061	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0005161	245	167	Yes	33	3.03	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.001714	377	176	Yes	34	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-9	-0.0003391	-90	-167	No	33	3.03	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-15 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-16 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-17 (bg)	0	16	74	No	19	94.74	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-10	0	18	74	No	19	94.74	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-20	0	18	74	No	19	94.74	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0	2	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0	-6	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2066	74	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.023	112	74	Yes	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-4	0.6848	98	74	Yes	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-9	0	-12	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.2123	82	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-16 (bg)	-0.02542	-41	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.05993	-88	-74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.2923	143	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.1634	79	74	Yes	19	0	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-15 (bg)	0	-134	-131	Yes	28	71.43	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-16 (bg)	0	-14	-124	No	27	96.3	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-17 (bg)	0	-48	-131	No	28	85.71	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-10	0	35	131	No	28	67.86	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-19	0	-13	-124	No	27	81.48	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-9	0	-59	-131	No	28	82.14	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-15 (bg)	0	-8	-167	No	33	96.97	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-16 (bg)	0	-7	-167	No	33	90.91	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-17 (bg)	0	3	167	No	33	93.94	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWC-5	0	-2	-167	No	33	36.36	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.1983	67	74	No	19	42.11	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-16 (bg)	0	-8	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	-19	-74	No	19	84.21	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.391	159	81	Yes	20	15	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-2	0	-4	-74	No	19	57.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	0.6409	67	81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-9	-0.06183	-5	-74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-15 (bg)	2.075	38	74	No	19	10.53	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-16 (bg)	0	2	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-17 (bg)	4.342	47	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-18	1.796	30	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-4	6.979	99	74	Yes	19	0	n/a	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 1/9/2023, 11:35 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.05318	n/a	12/28/2022	0.065	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra	1 of 2	

Appendix I Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 1/9/2023, 11:35 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.05318	n/a	12/28/2022	0.065	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2		
Nickel (mg/L)	GWC-10	0.00271	n/a	12/28/2022	0.0017	No	24	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2		
Nickel (mg/L)	GWC-9	0.001	n/a	12/28/2022	0.00068J	No	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2		

Appendix III Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 1/9/2023, 11:46 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-10	0.08	n/a	12/28/2022	0.098	Yes	15	n/a	n/a	n/a	100	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	12/28/2022	19	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2		
Calcium (mg/L)	GWC-4	16.56	n/a	12/28/2022	20	Yes	15	12.47	1.553	0	None	No	0.0004426	Param Intra 1 of 2		
Sulfate (mg/L)	GWC-4	6.288	n/a	12/28/2022	32	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2		

Appendix III Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 1/9/2023, 11:46 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-10	0.08	n/a	12/28/2022	0.098	Yes	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	12/28/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	12/28/2022	19	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	16.56	n/a	12/28/2022	20	Yes	15	12.47	1.553	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	19.78	n/a	12/28/2022	18	No	15	17.05	1.037	0	None	No	0.0004426	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.659	6.027	12/28/2022	6.36	No	18	6.343	0.1259	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.518	6.229	12/28/2022	6.29	No	17	6.374	0.05689	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-20	6.664	6.342	12/28/2022	6.56	No	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.591	5.971	12/28/2022	6.2	No	18	39.54	1.551	0	None	x^2	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-9	6.922	6.294	12/28/2022	6.62	No	18	6.608	0.1251	0	None	No	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	12/28/2022	32	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step Resample - All Results (All Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 1/9/2023, 11:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	12/28/2022	0.065	Yes	99	n/a	n/a	n/a	2.02	n/a	n/a	n/a	0.0001956	NP Inter (normality) 1 of 2

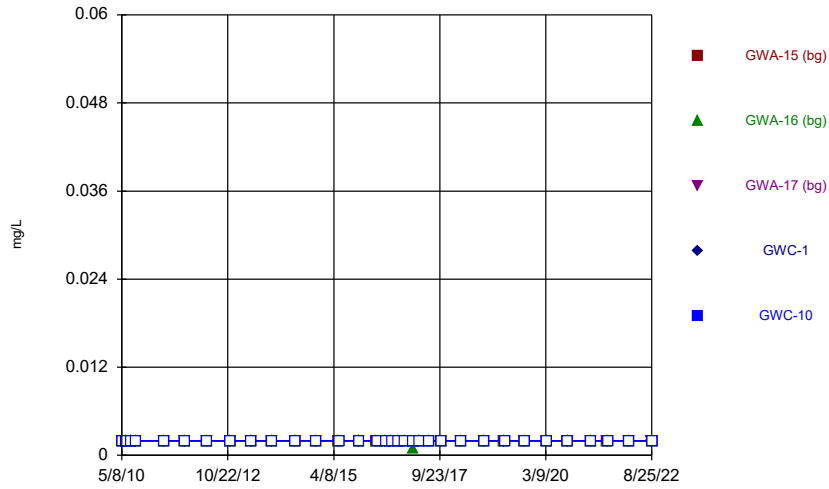
Appendix III Interwell Prediction Limits - Two-Step Resample - All Results (All Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 1/9/2023, 11:55 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-10	0.08	n/a	12/28/2022	0.098	Yes	57	n/a	n/a	n/a	98.25	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-19	14	n/a	12/28/2022	19	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	14	n/a	12/28/2022	20	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	12/28/2022	32	Yes	57	n/a	n/a	n/a	73.68	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2

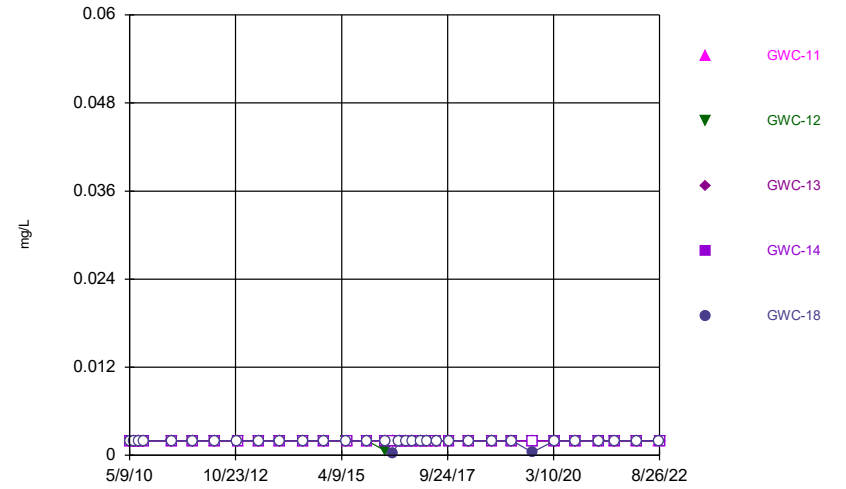
FIGURE A.

Time Series



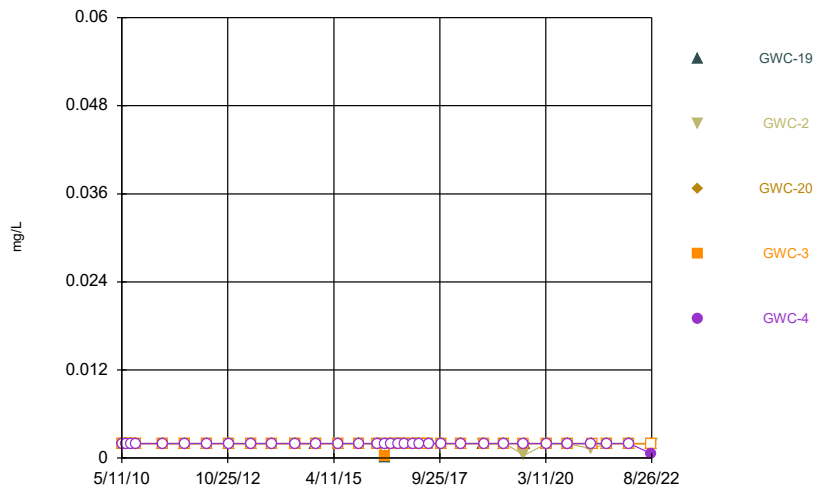
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



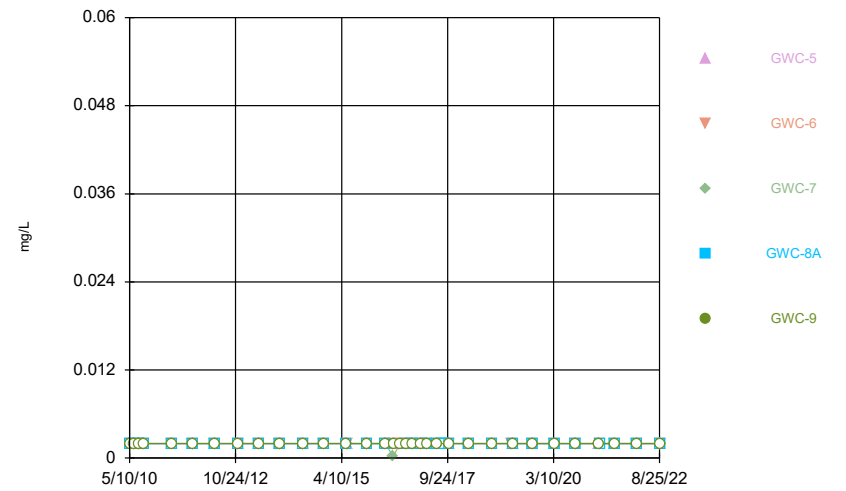
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



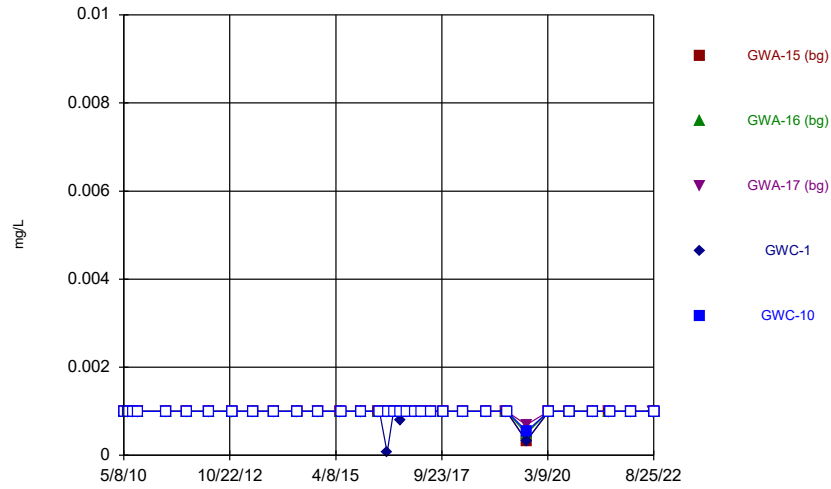
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Time Series



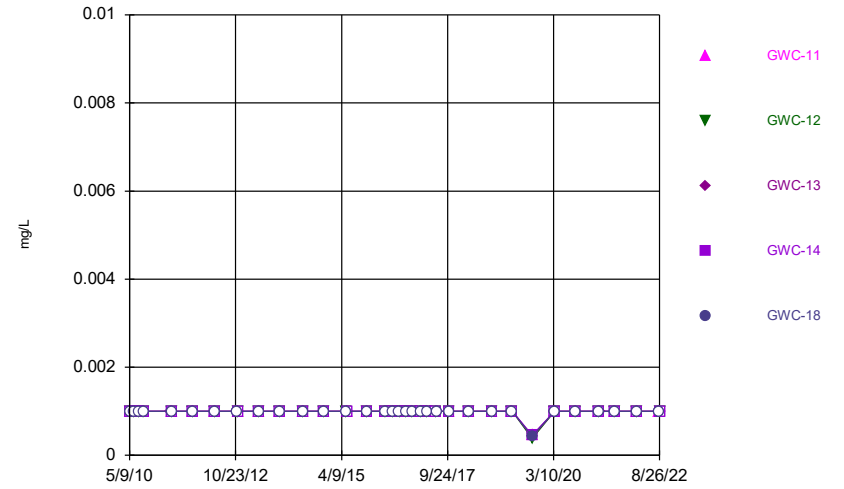
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Time Series



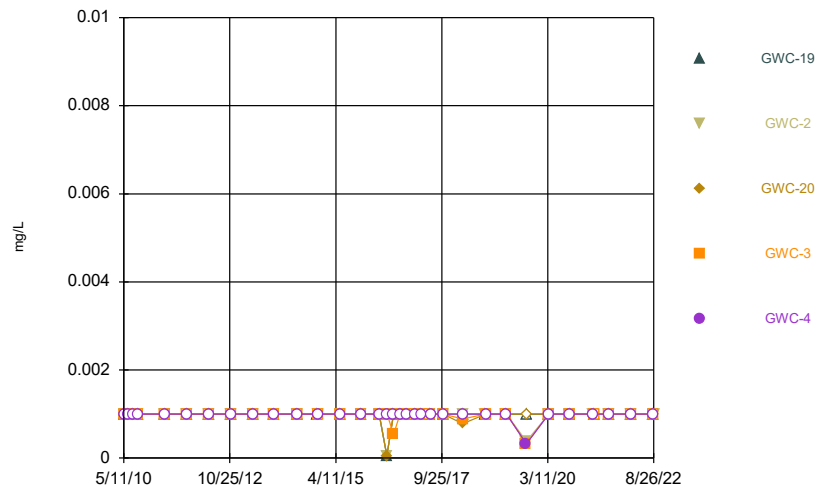
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Time Series



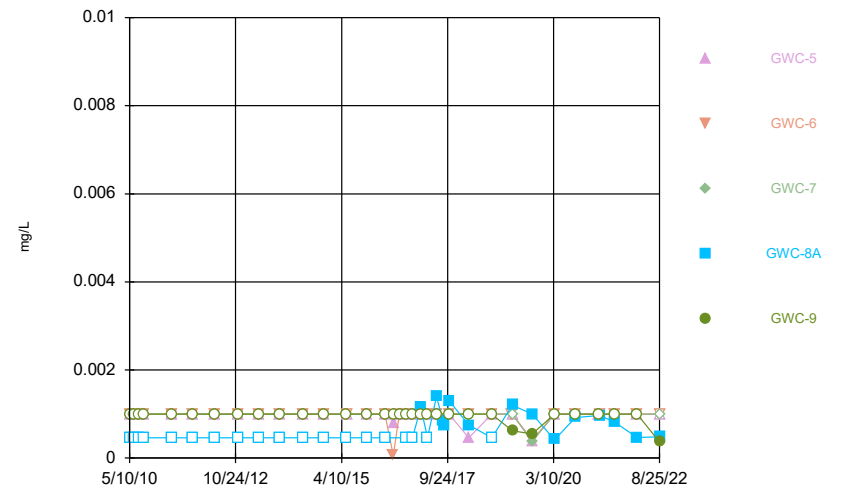
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Time Series



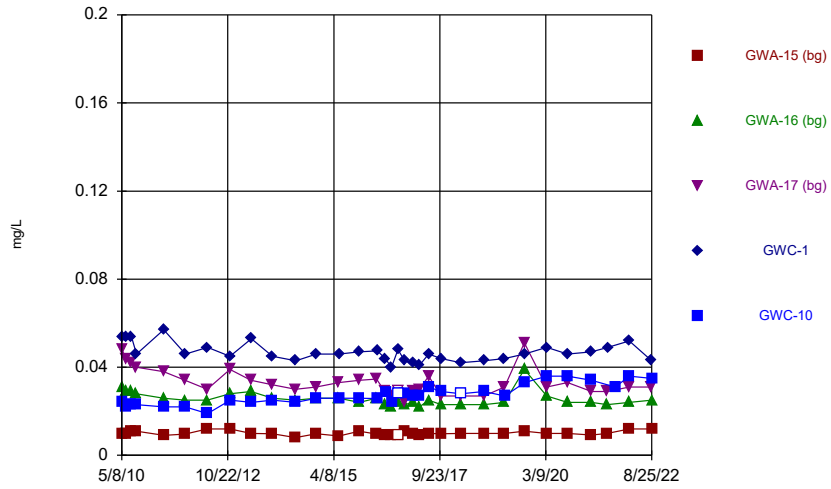
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Time Series



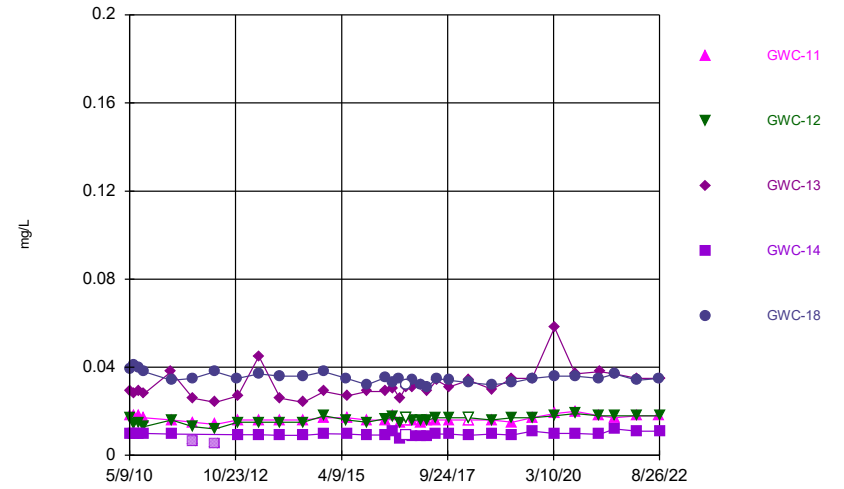
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Time Series



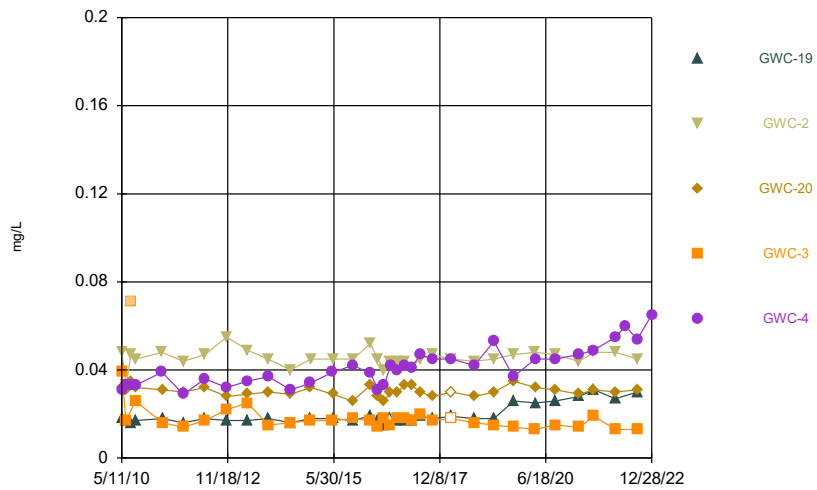
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Time Series



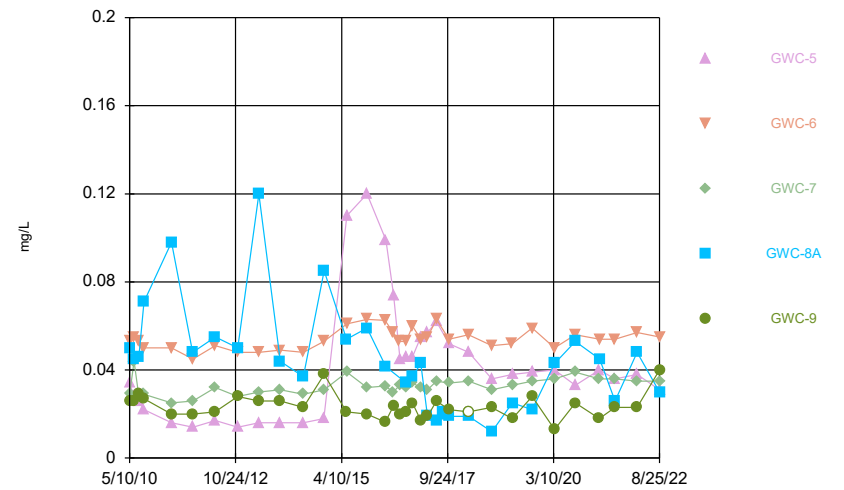
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Time Series



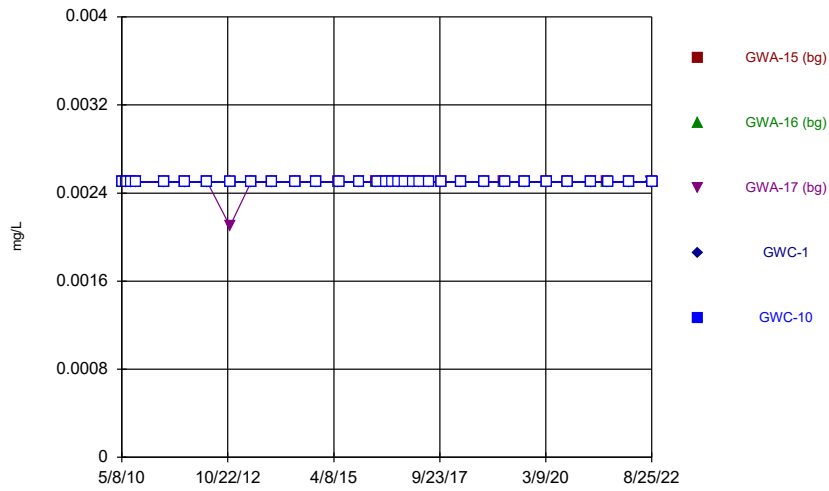
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Time Series



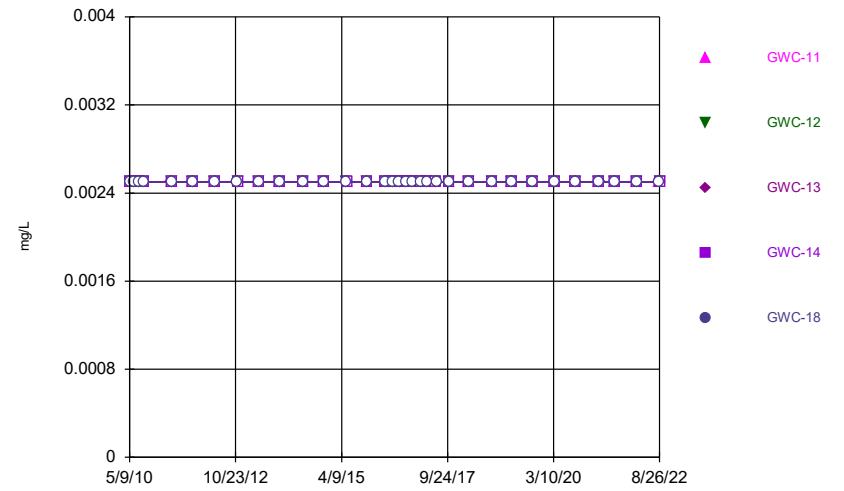
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Time Series



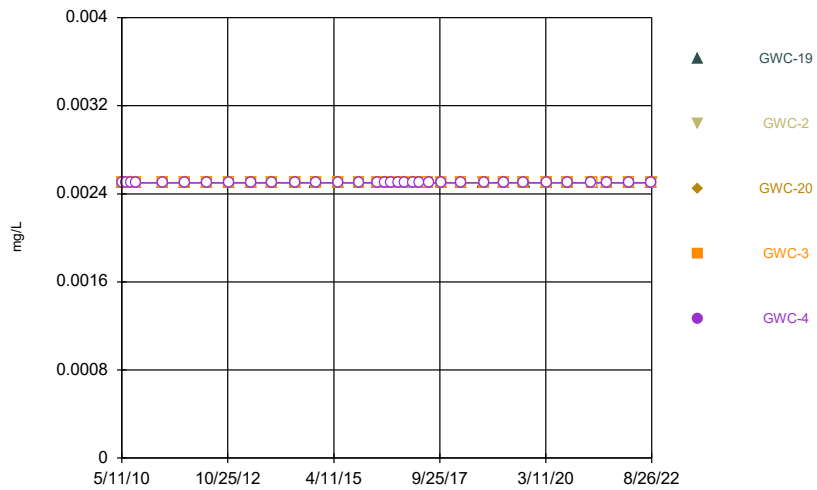
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Time Series



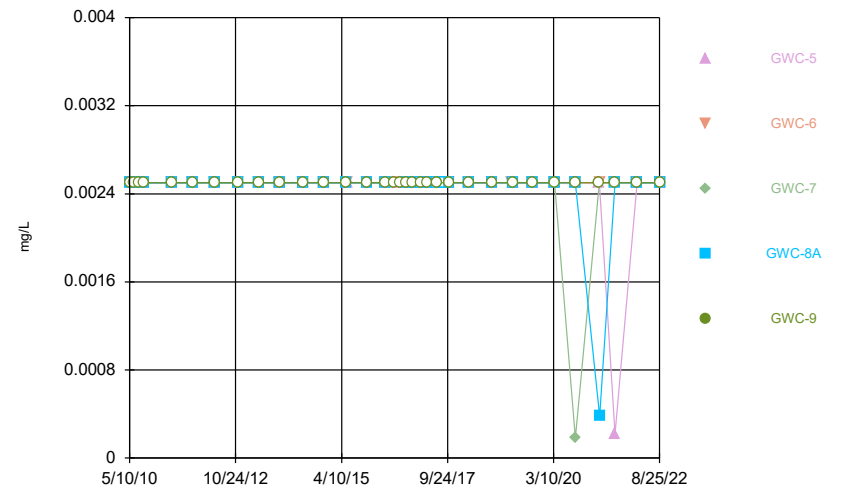
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Time Series



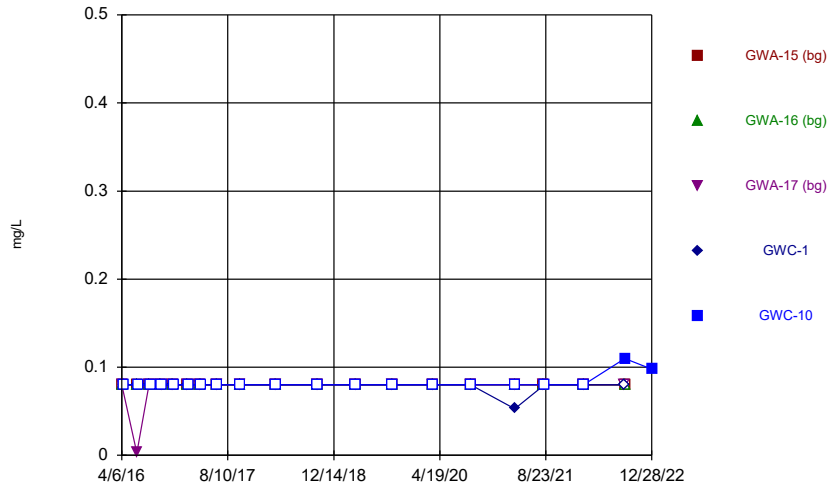
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



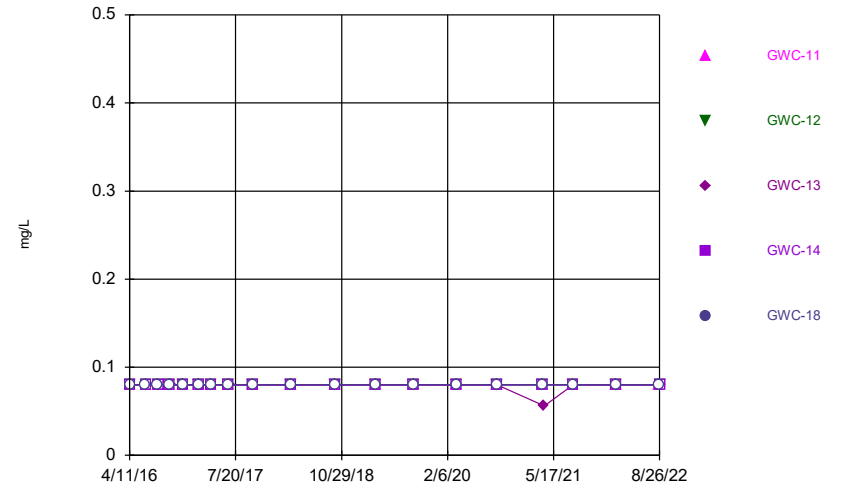
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Time Series



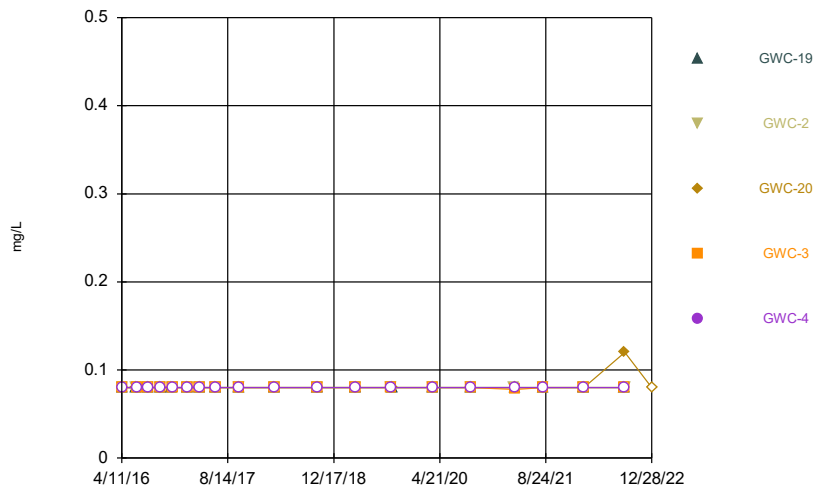
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Time Series



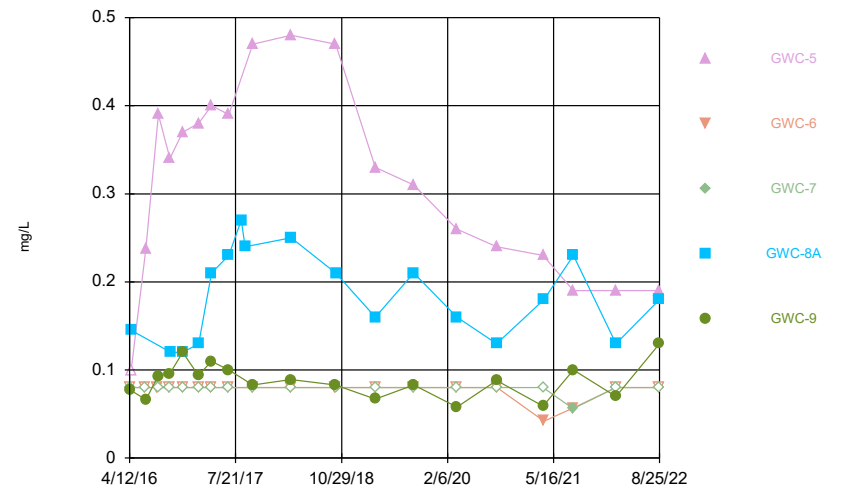
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Time Series



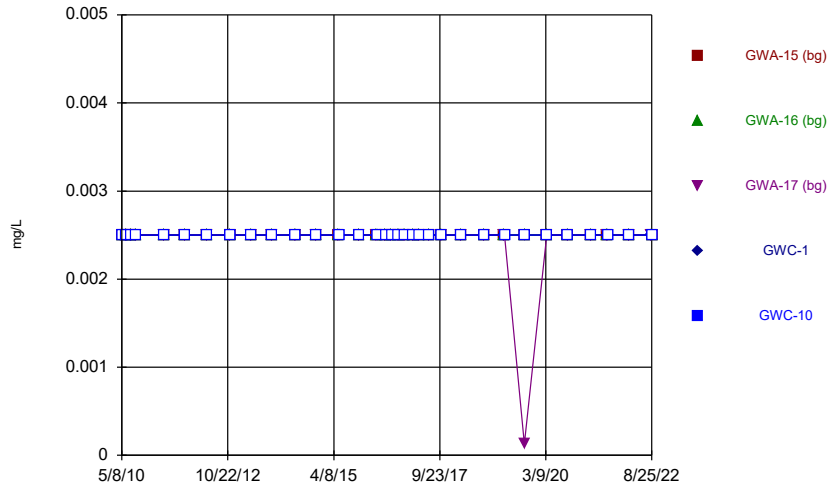
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Time Series

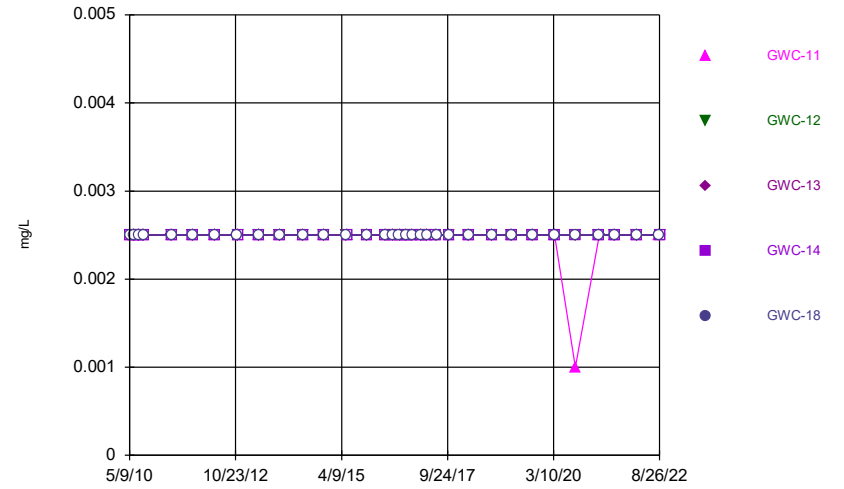


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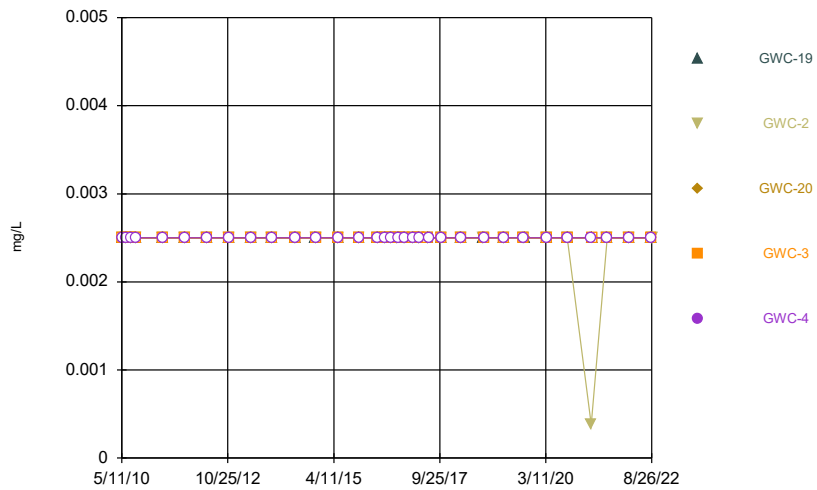
Time Series



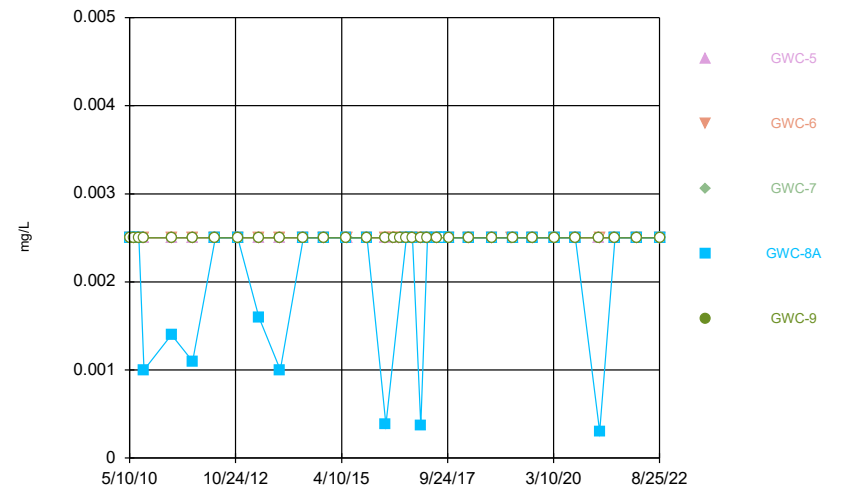
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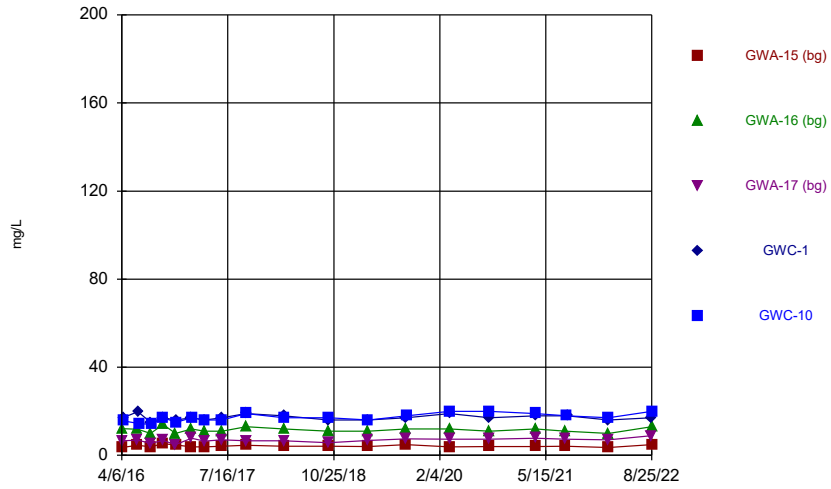
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Time Series

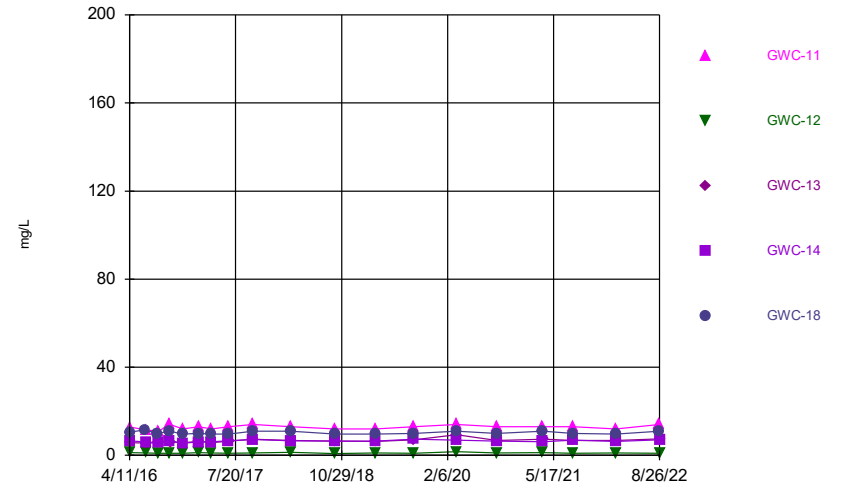


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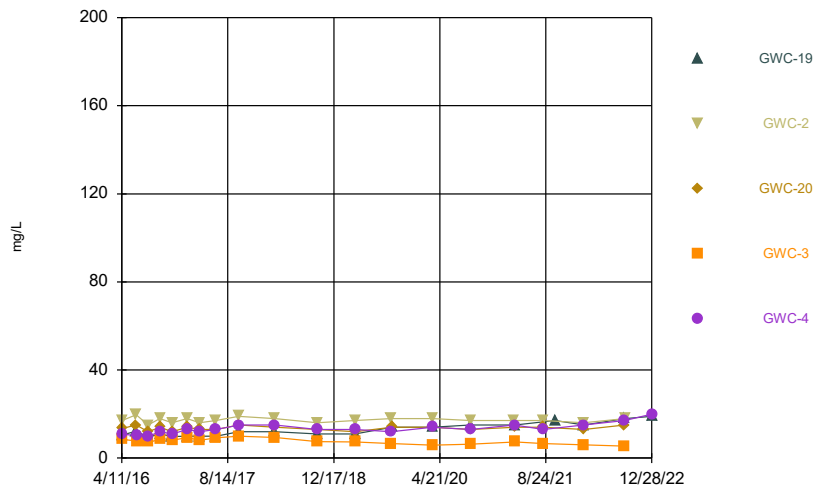
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



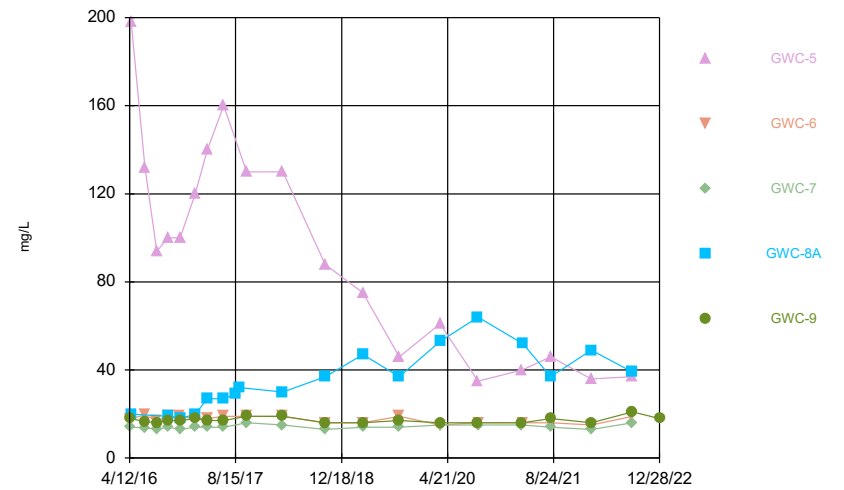
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Time Series



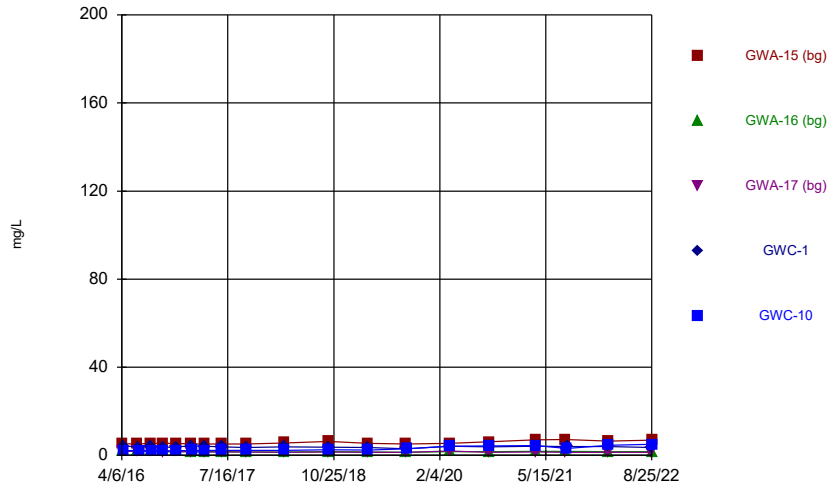
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Time Series



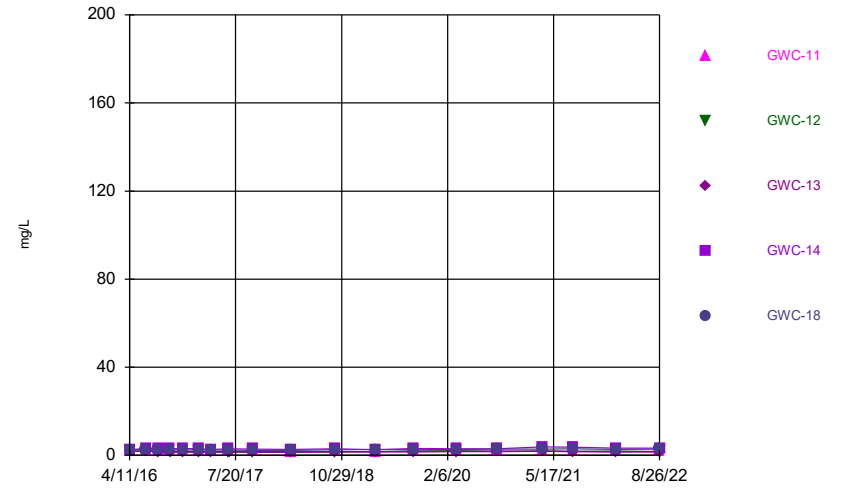
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Time Series



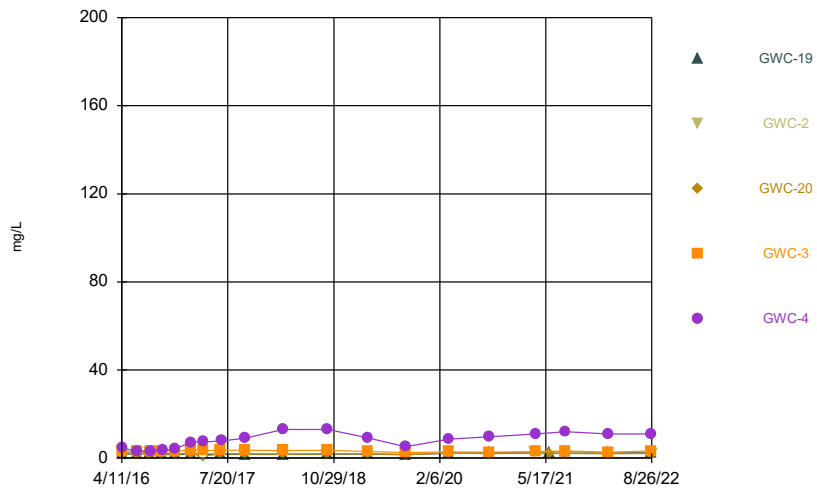
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Time Series



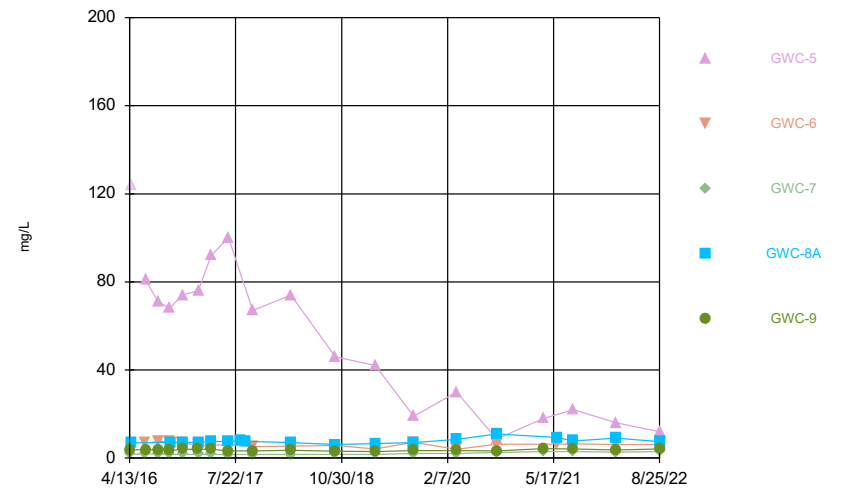
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Time Series



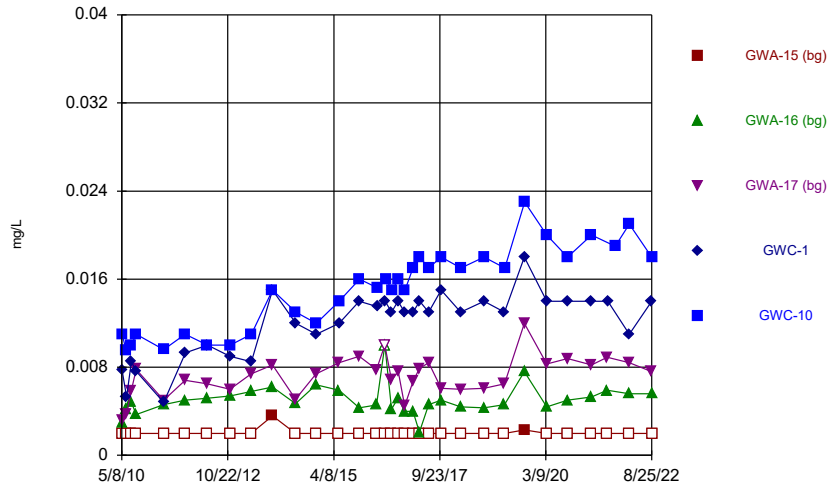
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Time Series



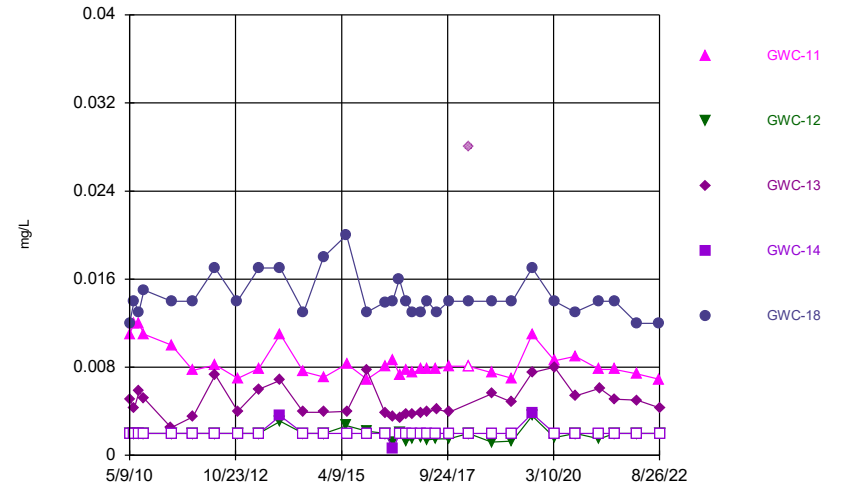
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Time Series



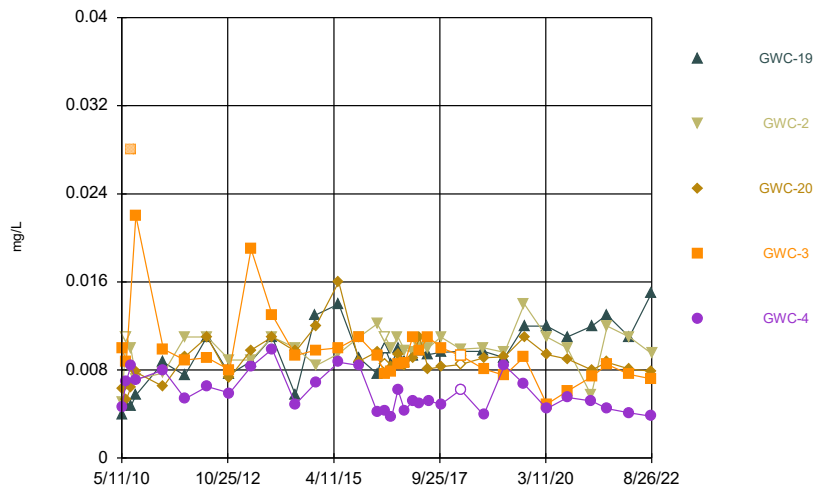
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Time Series



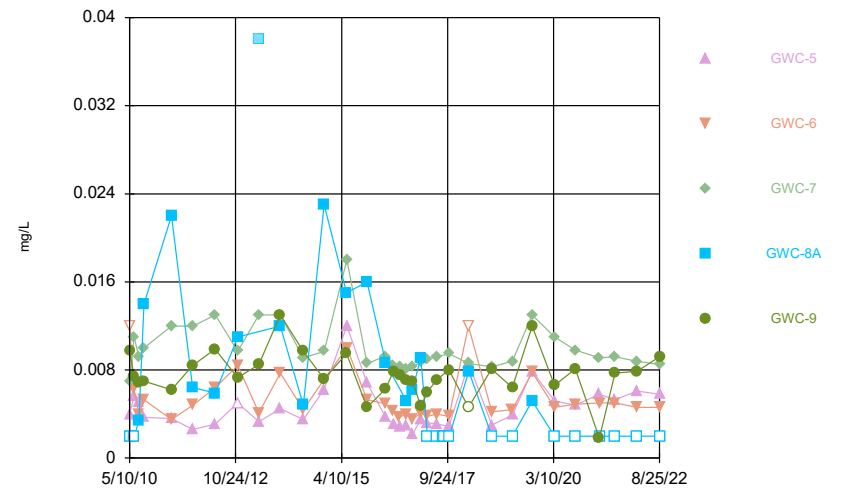
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



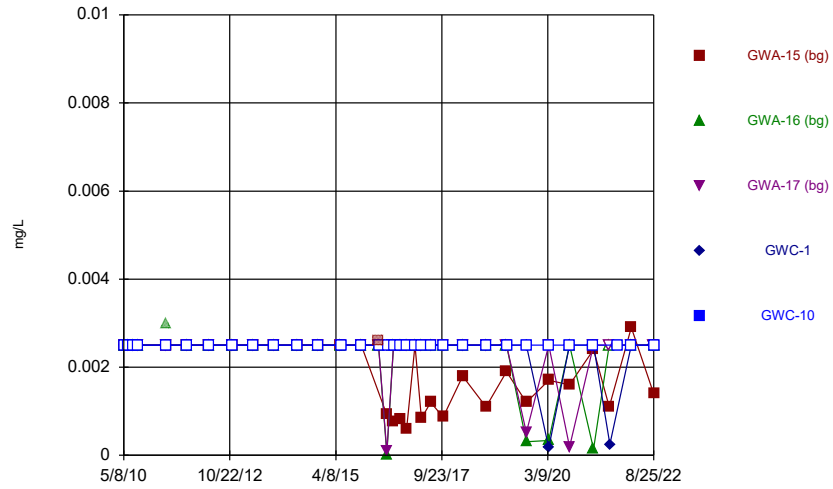
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Time Series



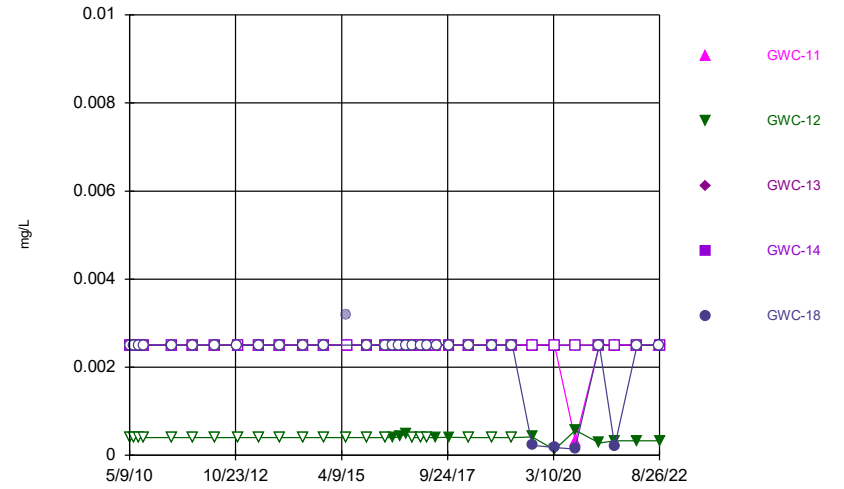
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Time Series



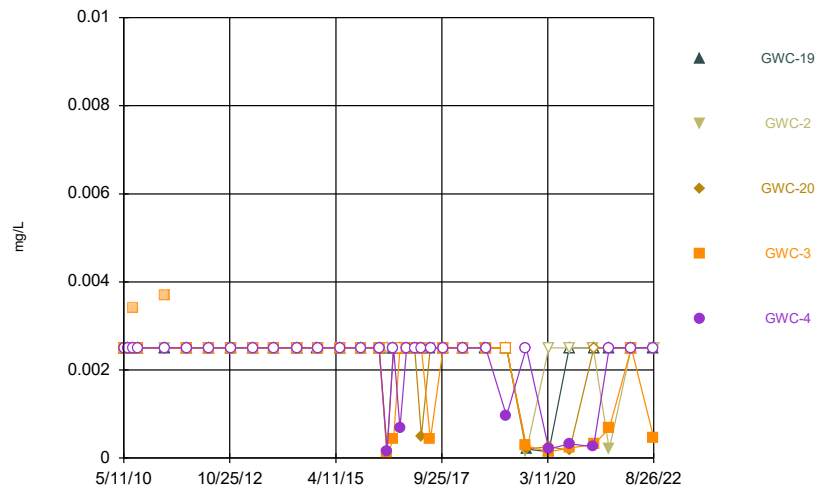
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Time Series



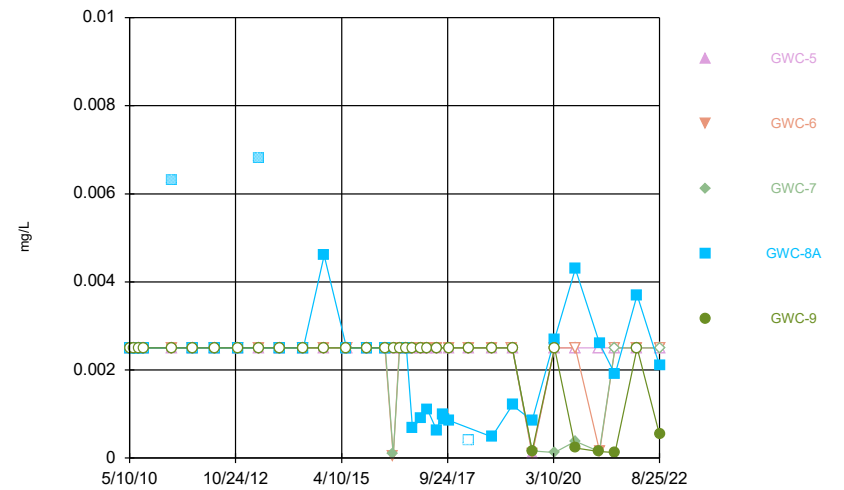
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Time Series



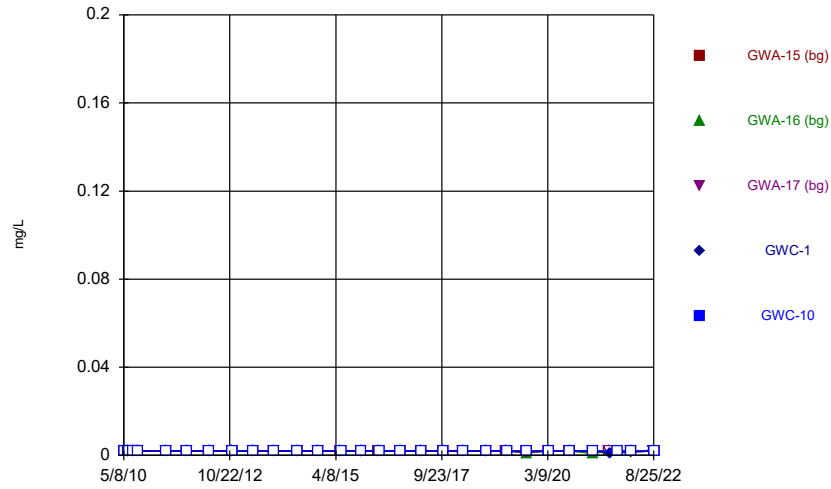
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Time Series



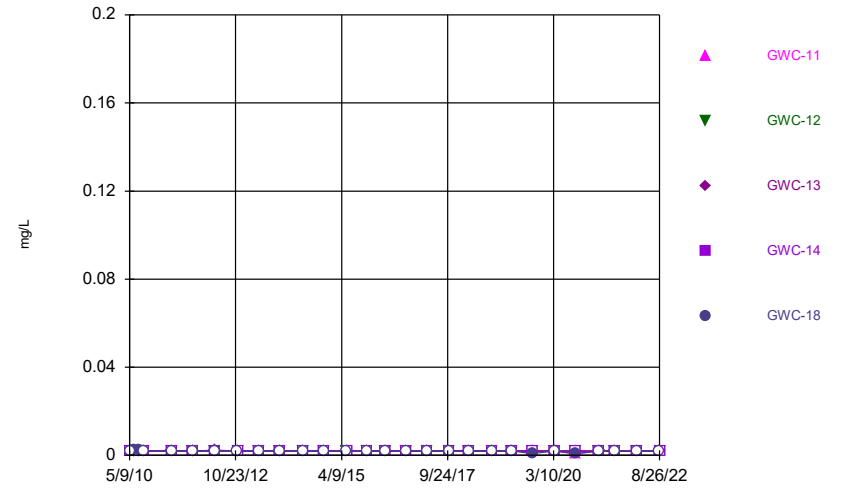
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Time Series



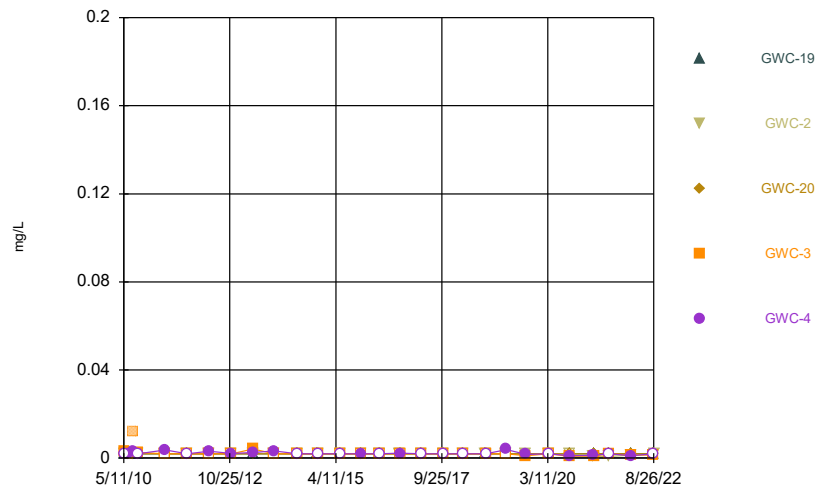
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Time Series



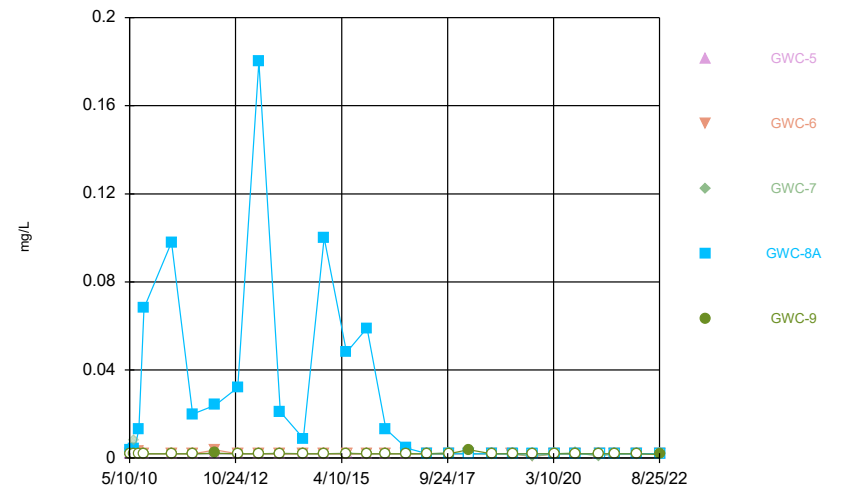
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Time Series



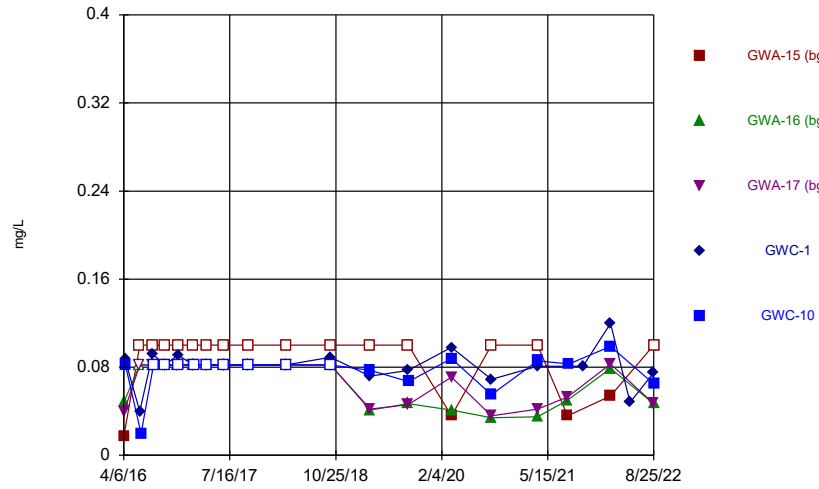
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



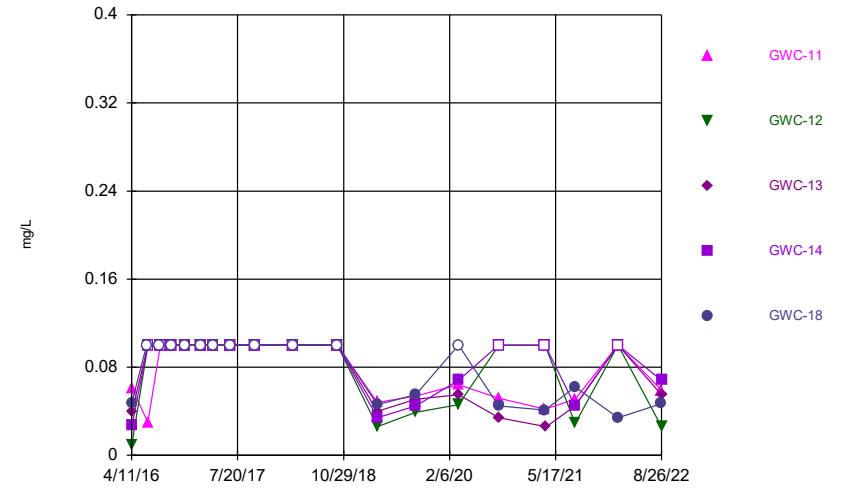
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Time Series



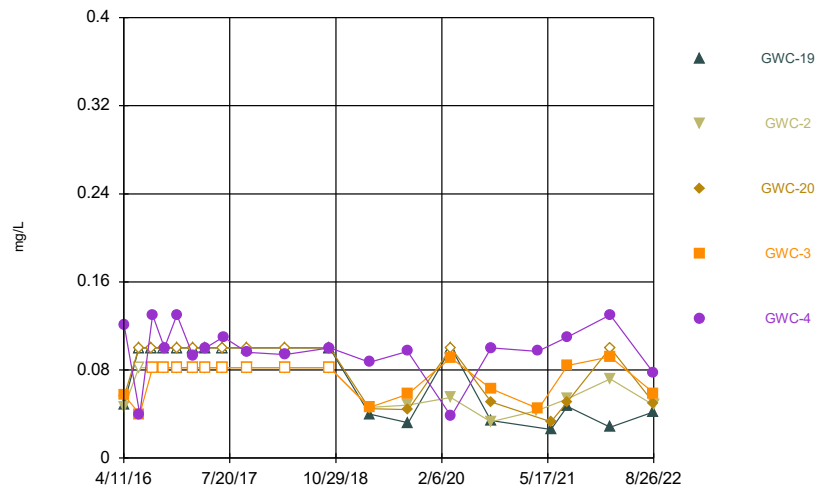
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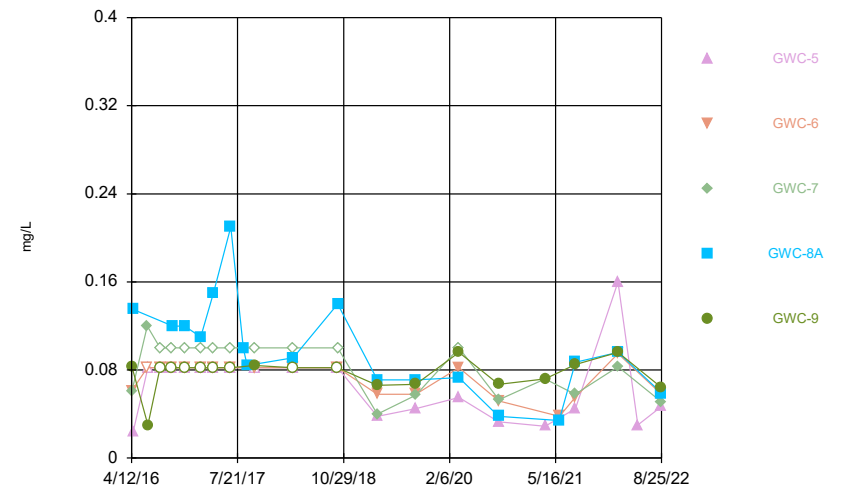
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Time Series



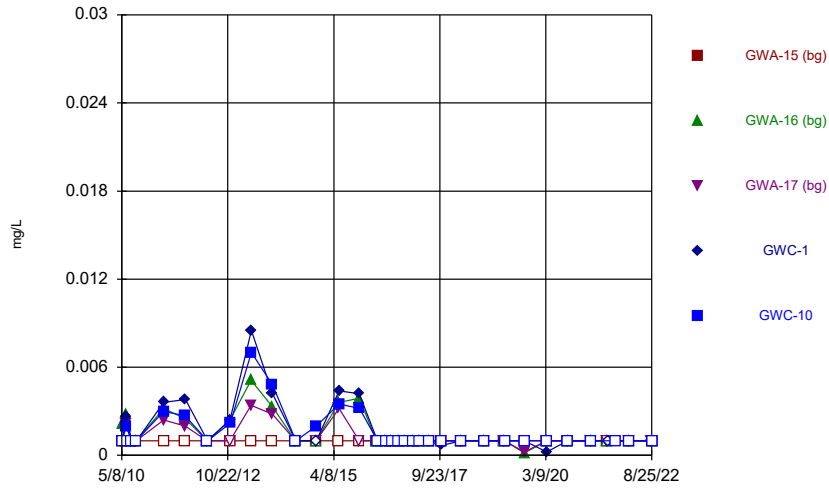
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Time Series



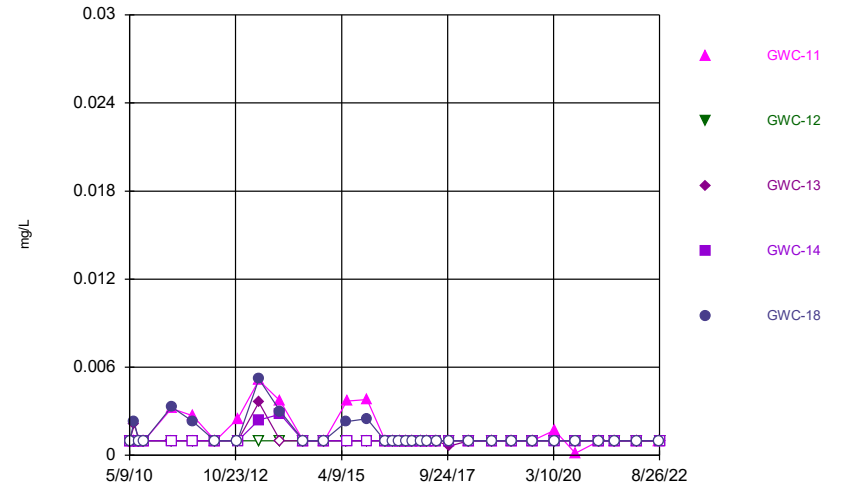
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Time Series



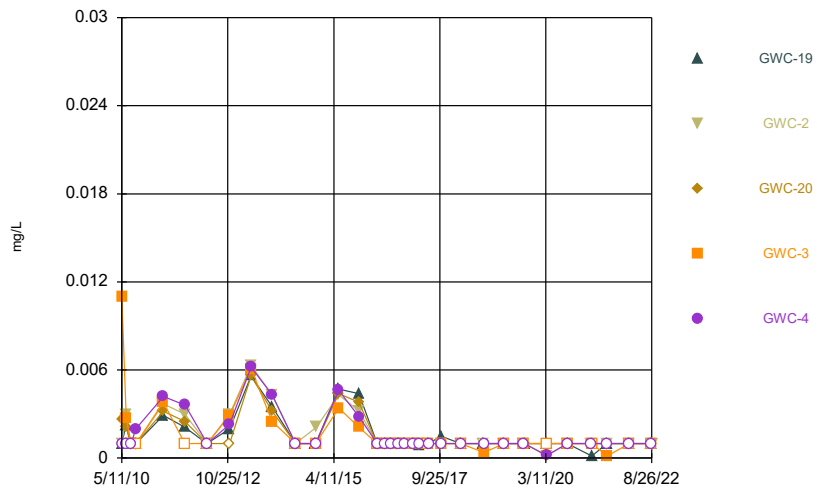
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Time Series



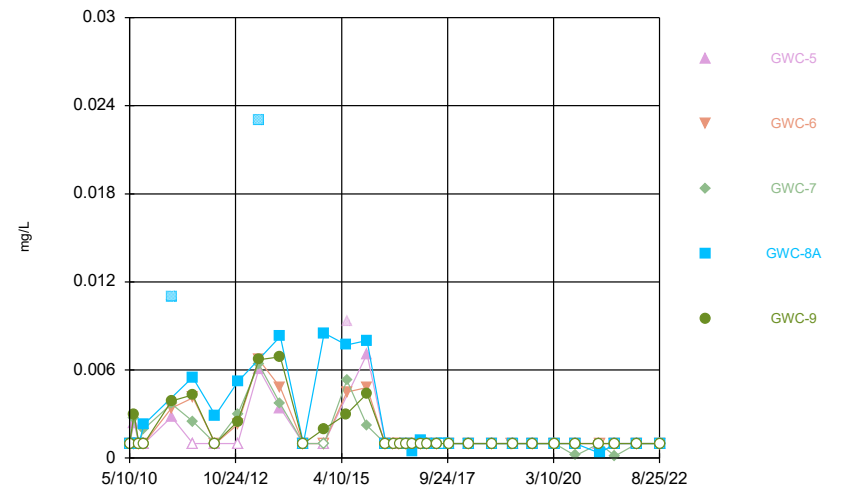
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Time Series



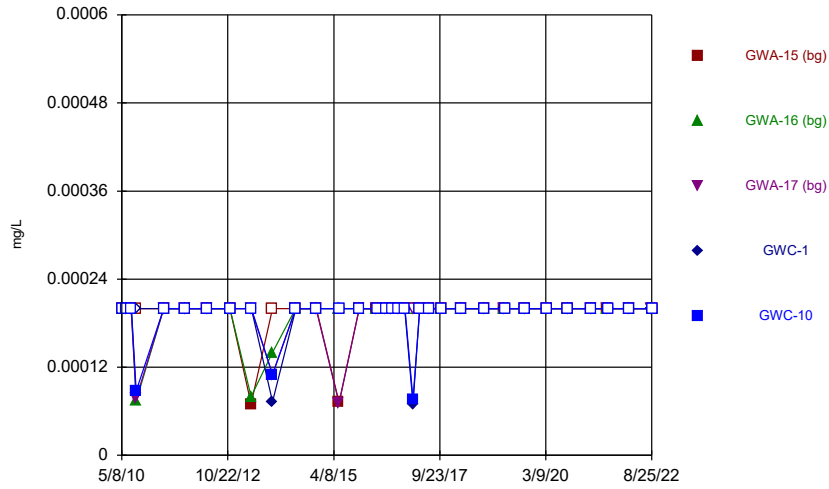
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Time Series



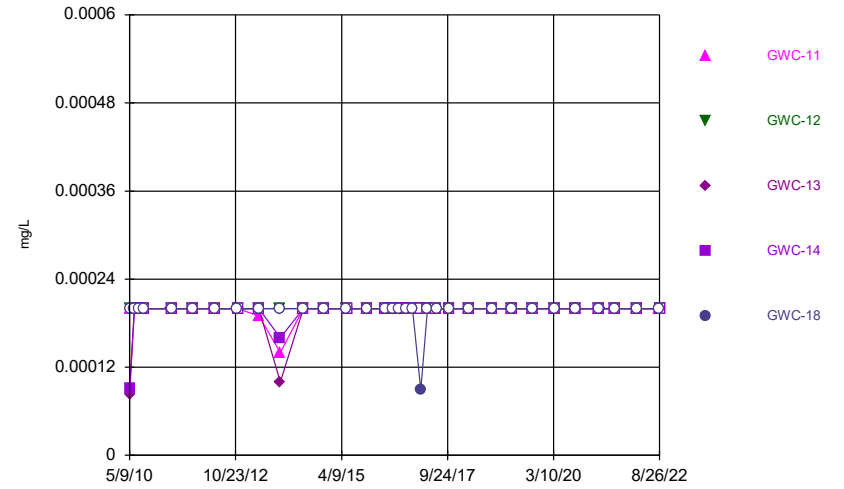
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



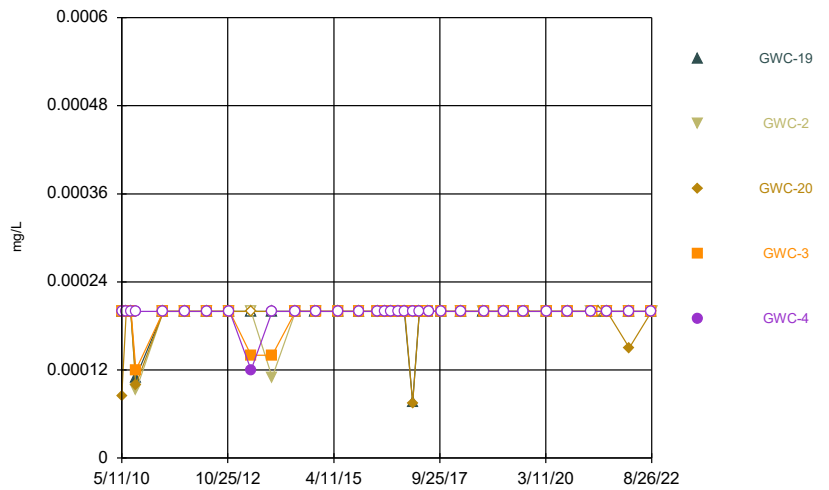
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Time Series



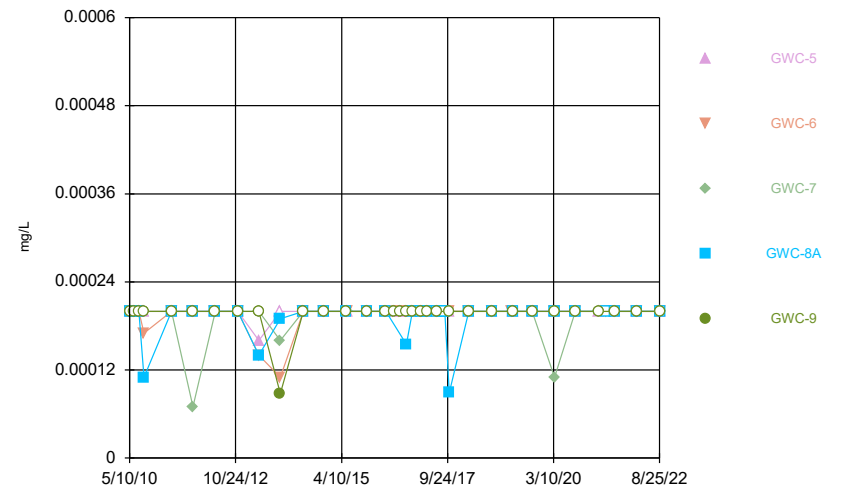
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Time Series



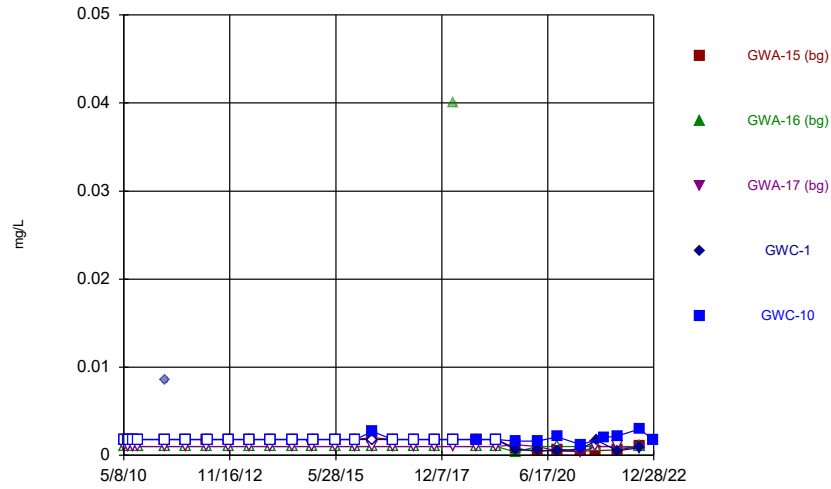
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Time Series



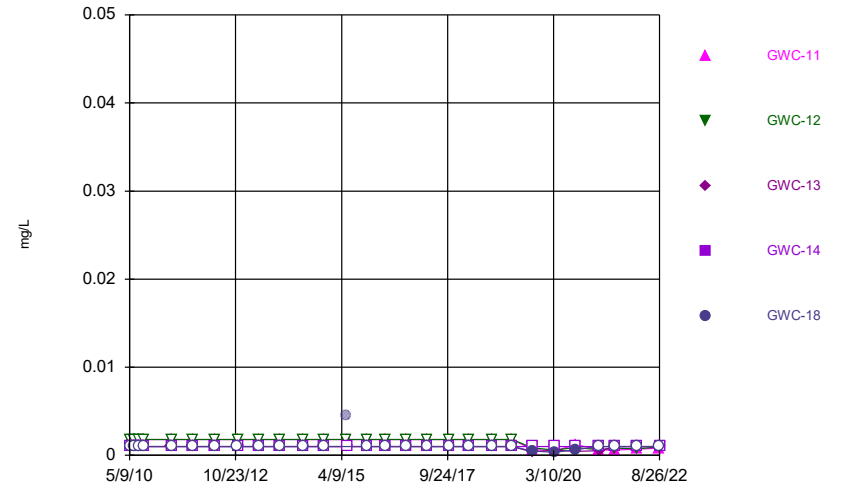
Constituent: Mercury Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



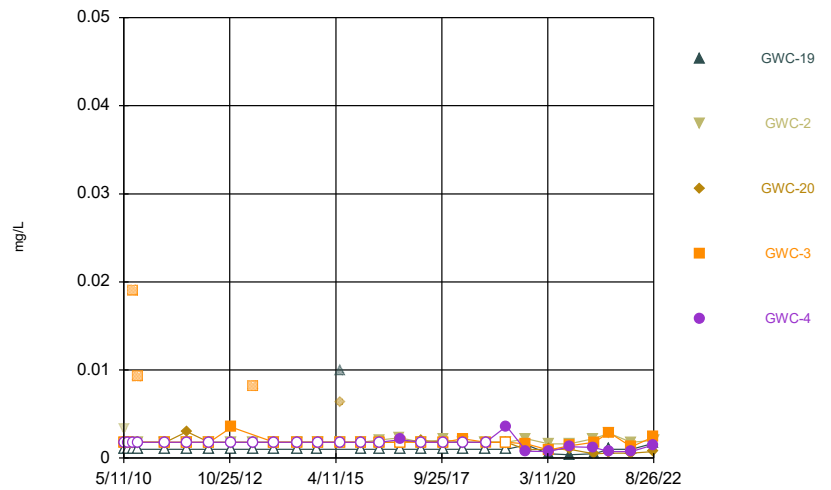
Constituent: Nickel Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



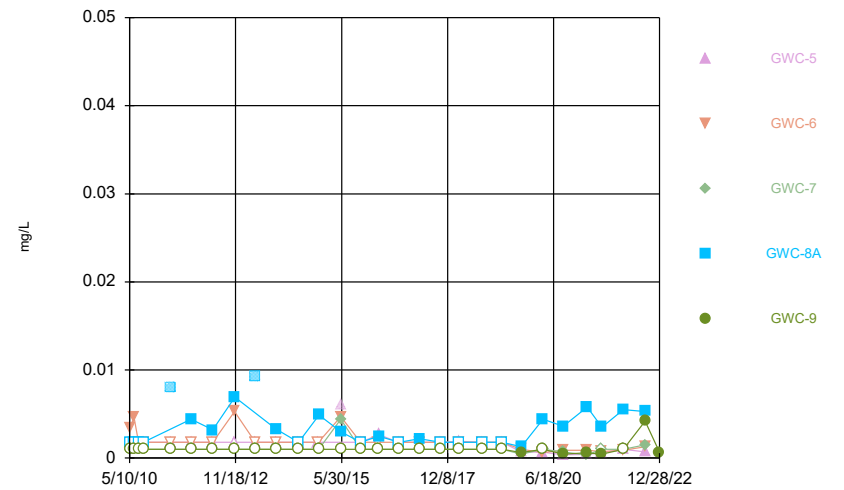
Constituent: Nickel Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



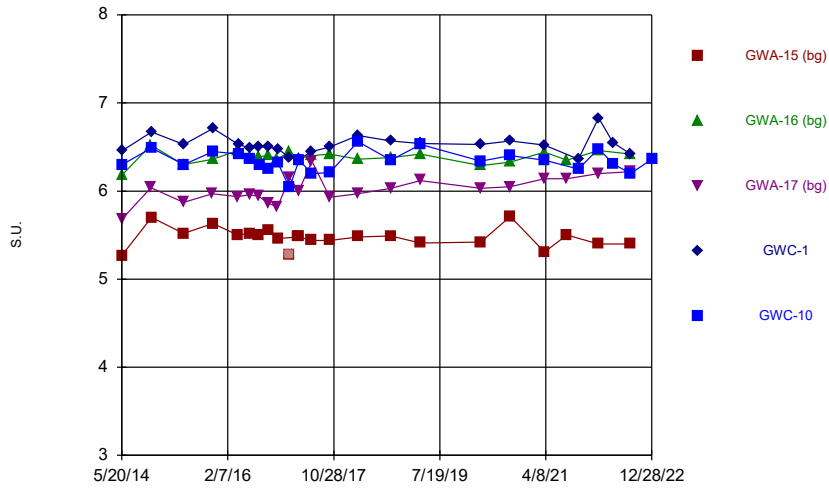
Constituent: Nickel Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



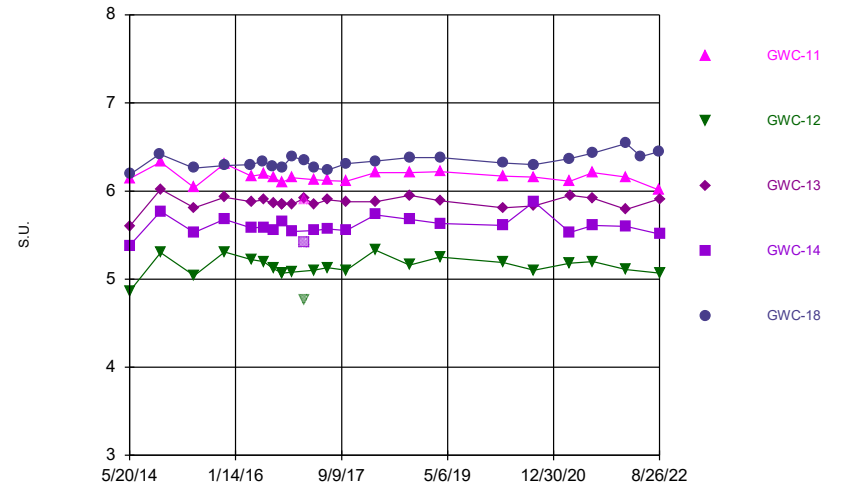
Constituent: Nickel Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



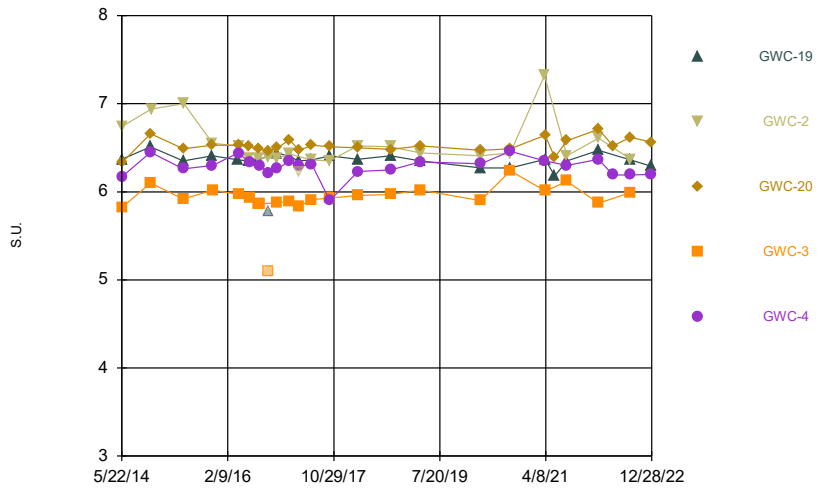
Constituent: pH Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



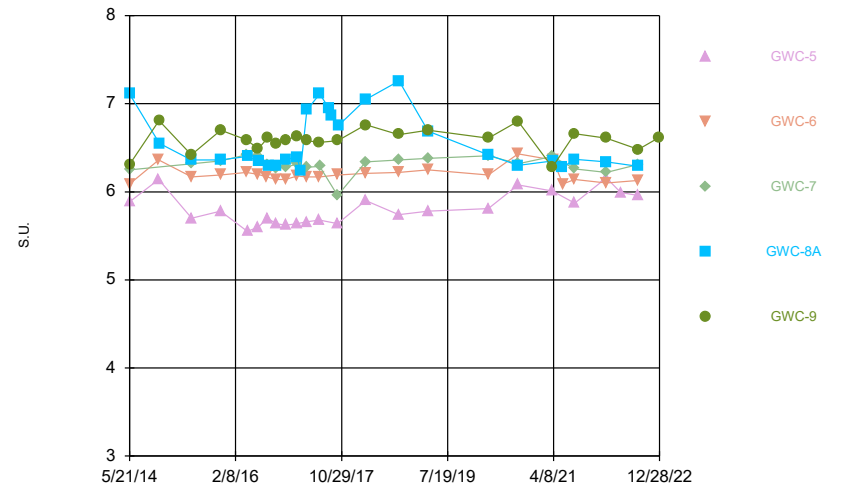
Constituent: pH Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



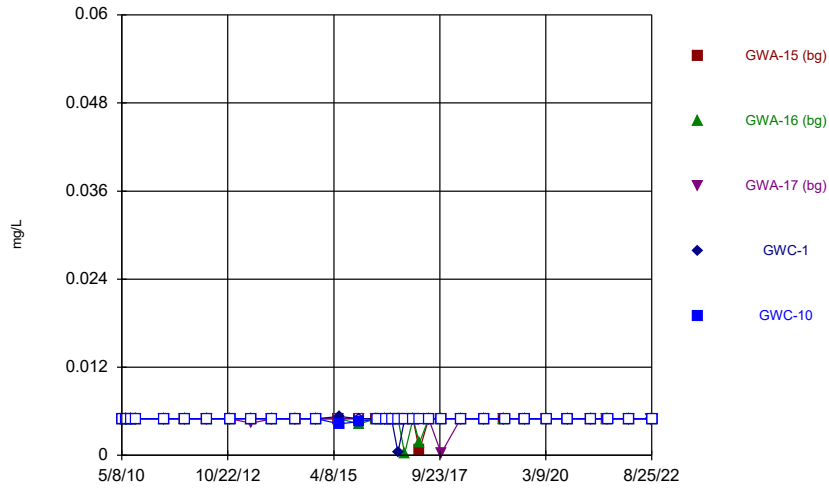
Constituent: pH Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



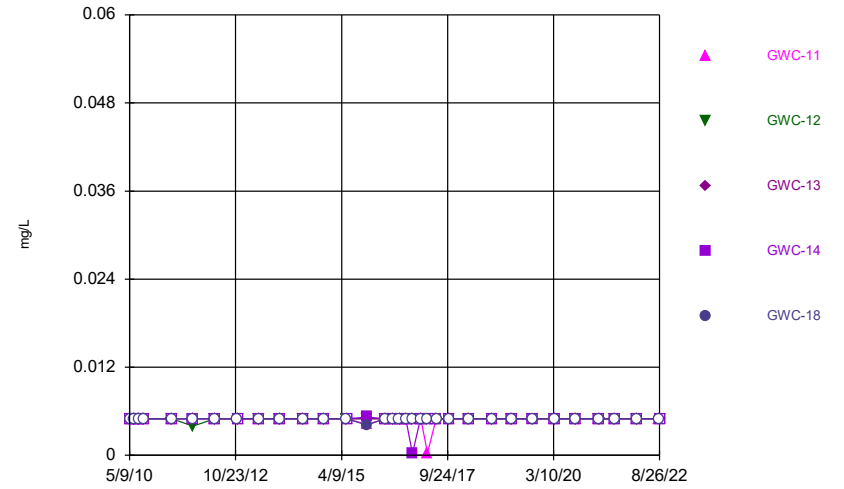
Constituent: pH Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



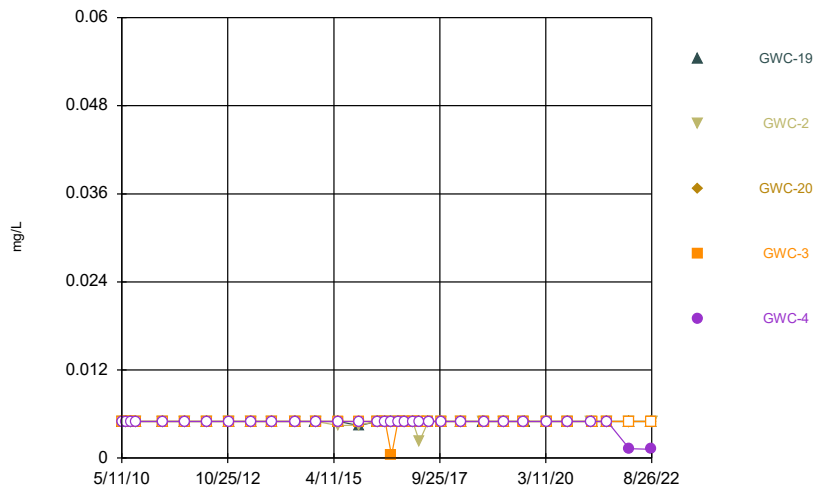
Constituent: Selenium, Total Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



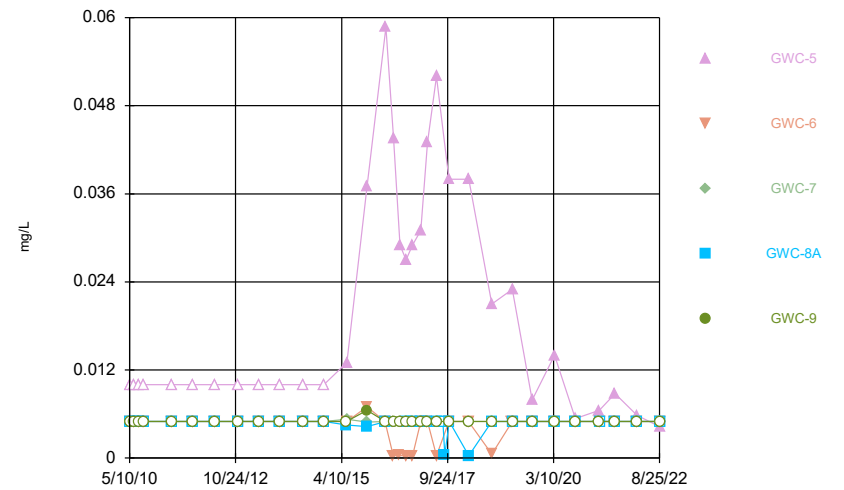
Constituent: Selenium, Total Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



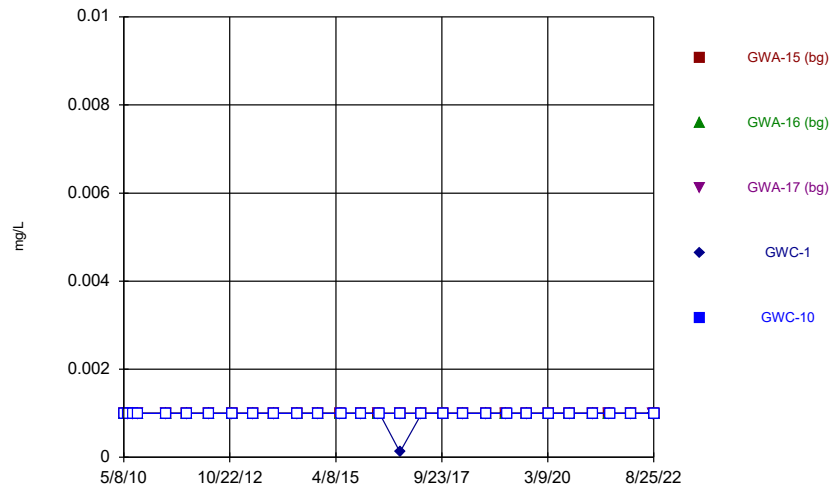
Constituent: Selenium, Total Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



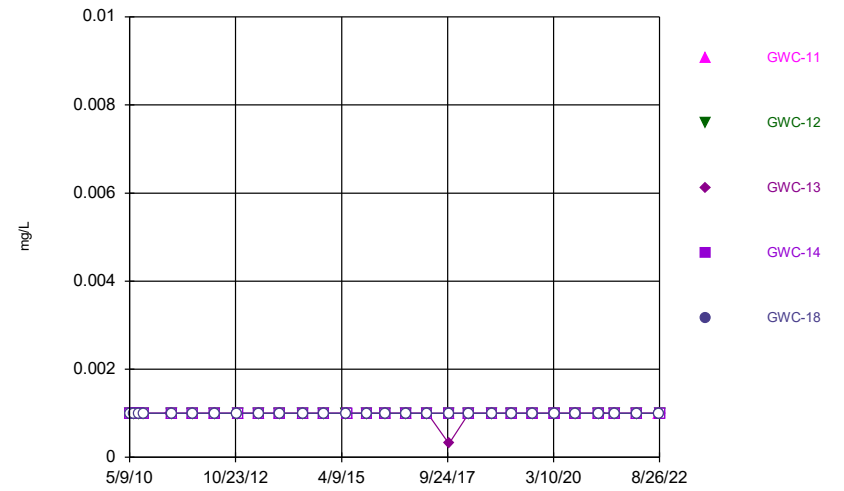
Constituent: Selenium, Total Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



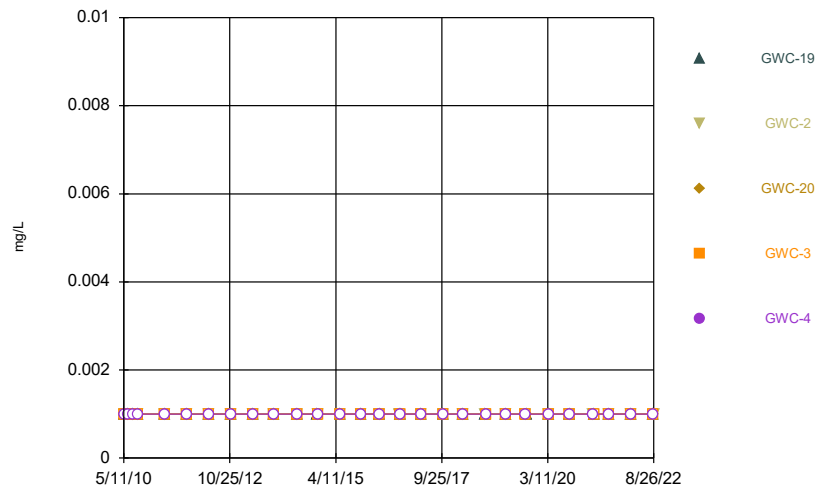
Constituent: Silver Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



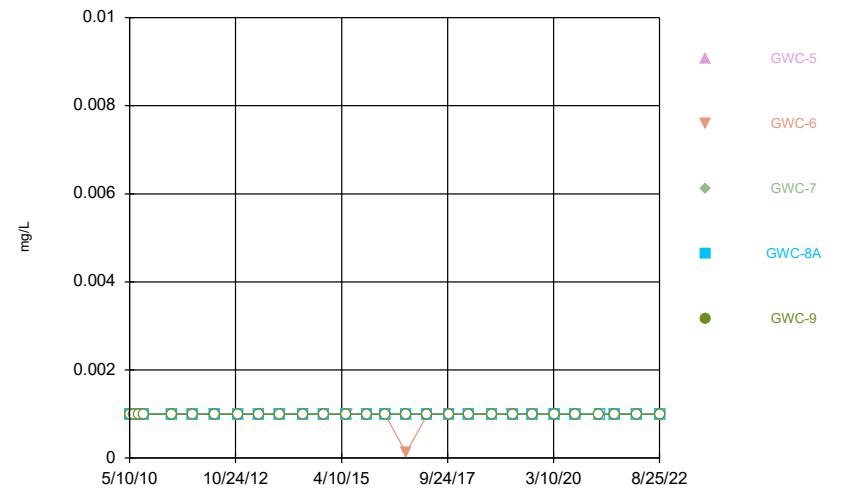
Constituent: Silver Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



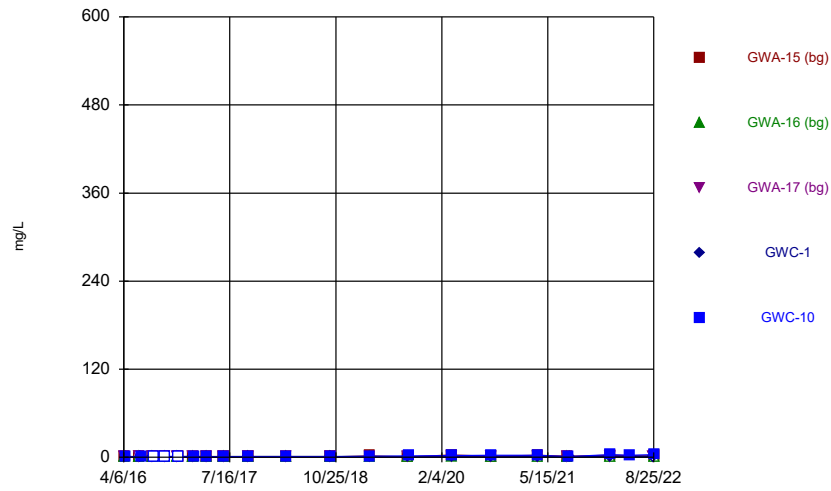
Constituent: Silver Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



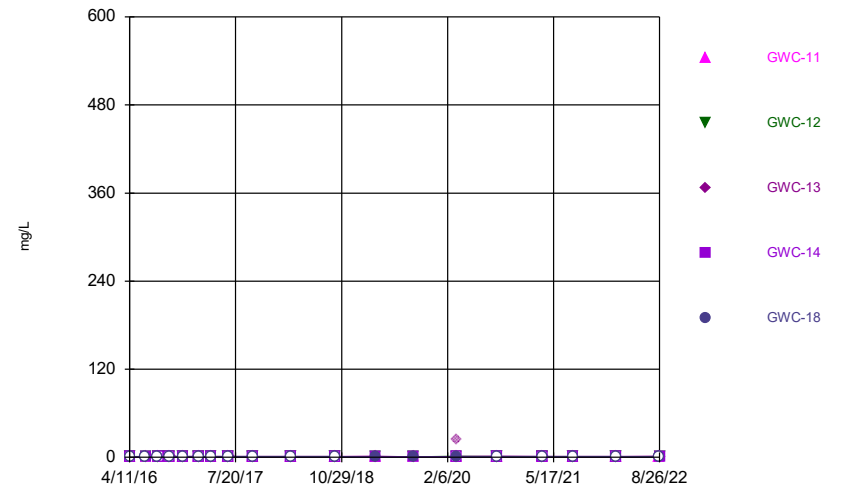
Constituent: Silver Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



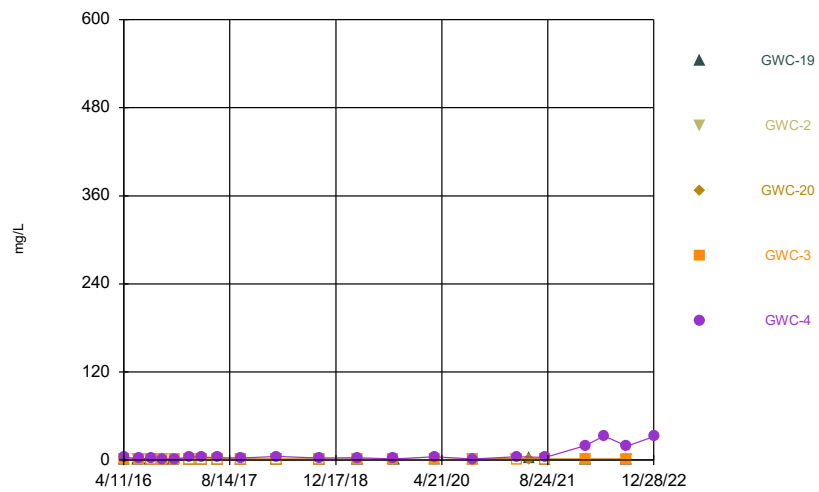
Constituent: Sulfate Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



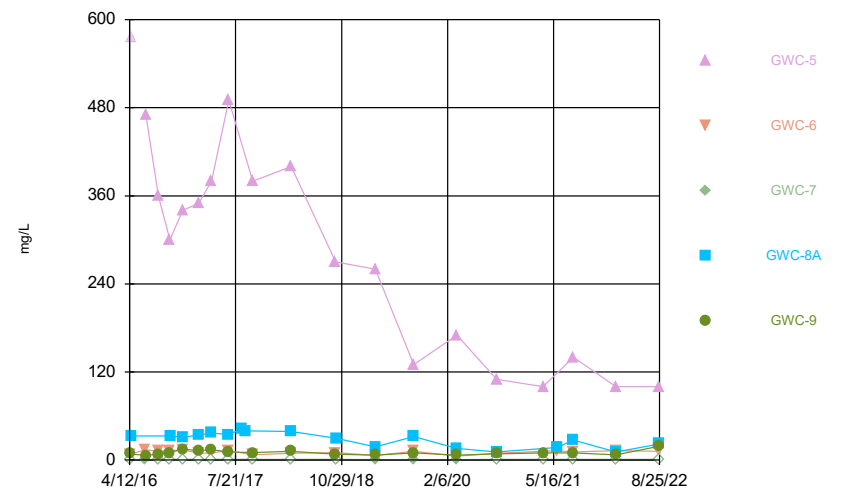
Constituent: Sulfate Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



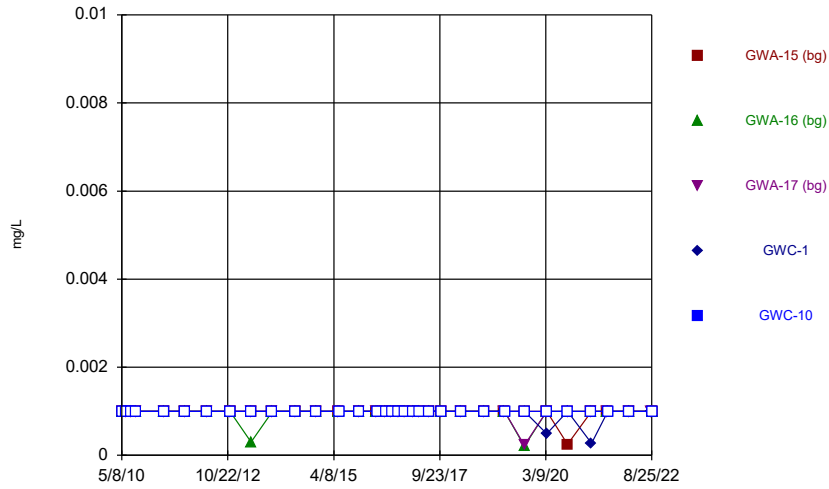
Constituent: Sulfate Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series

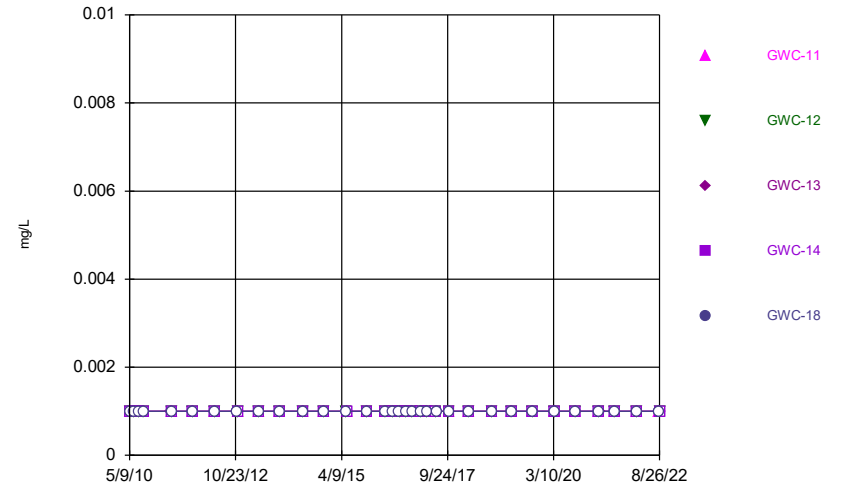


Constituent: Sulfate Analysis Run 1/9/2023 11:19 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

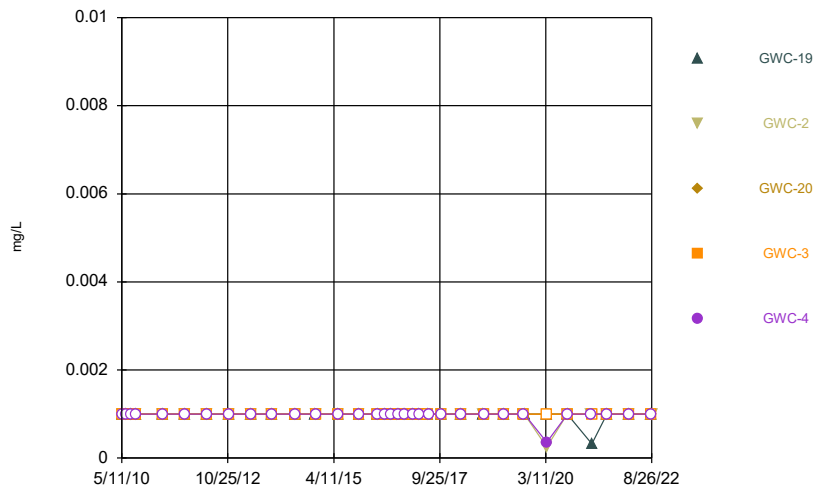
Time Series



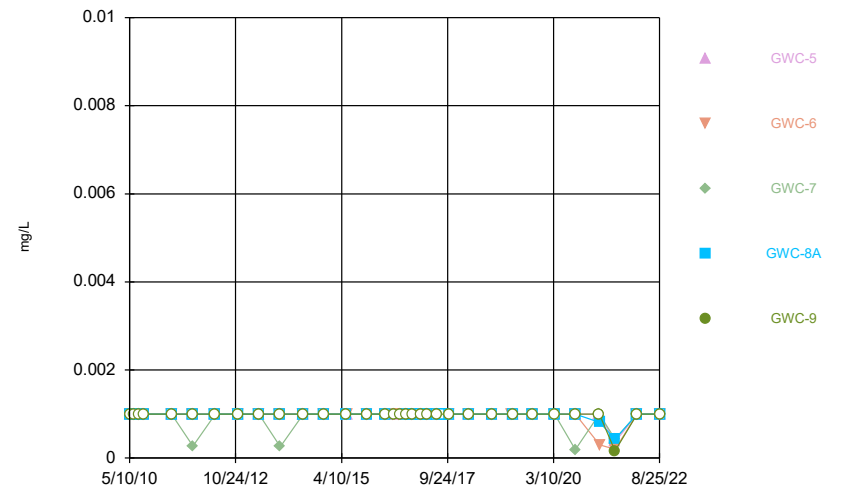
Time Series



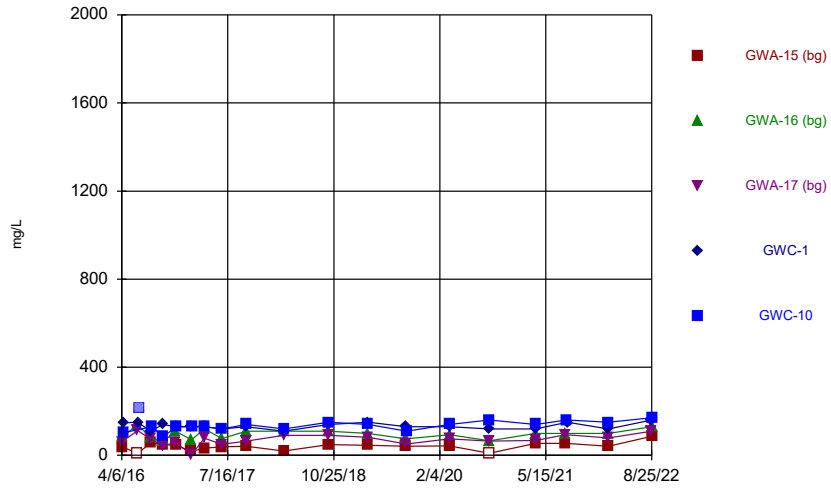
Time Series



Time Series

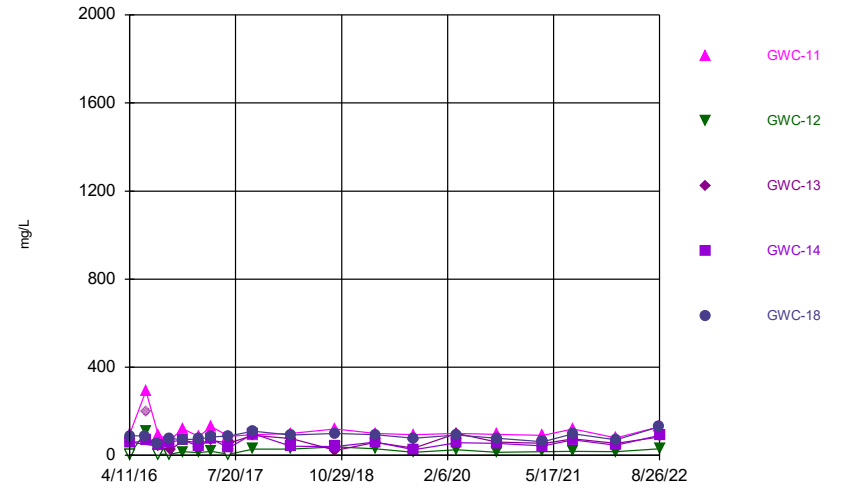


Time Series



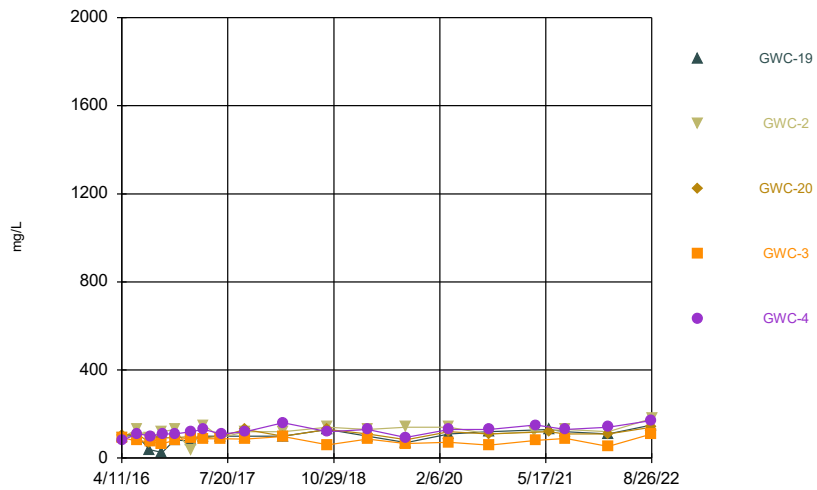
Constituent: Total Dissolved Solids Analysis Run 1/9/2023 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



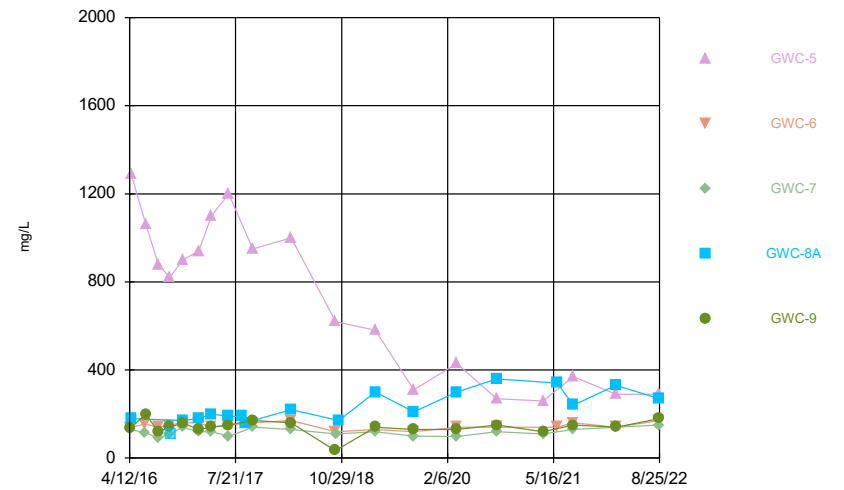
Constituent: Total Dissolved Solids Analysis Run 1/9/2023 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



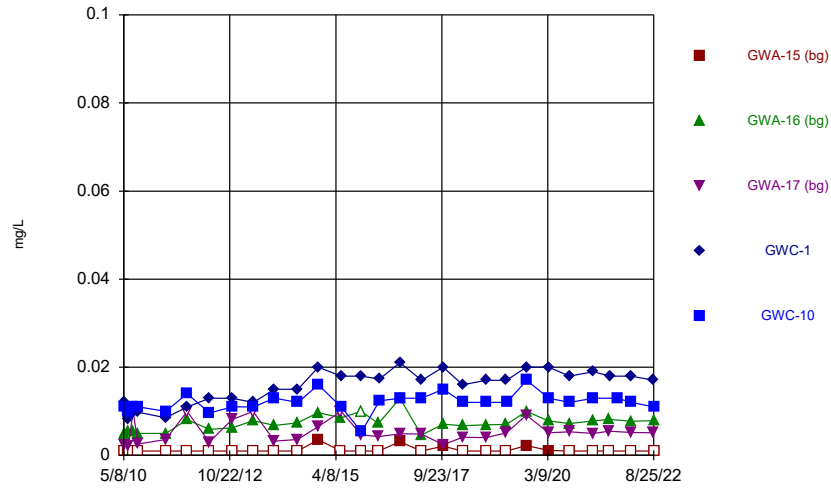
Constituent: Total Dissolved Solids Analysis Run 1/9/2023 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



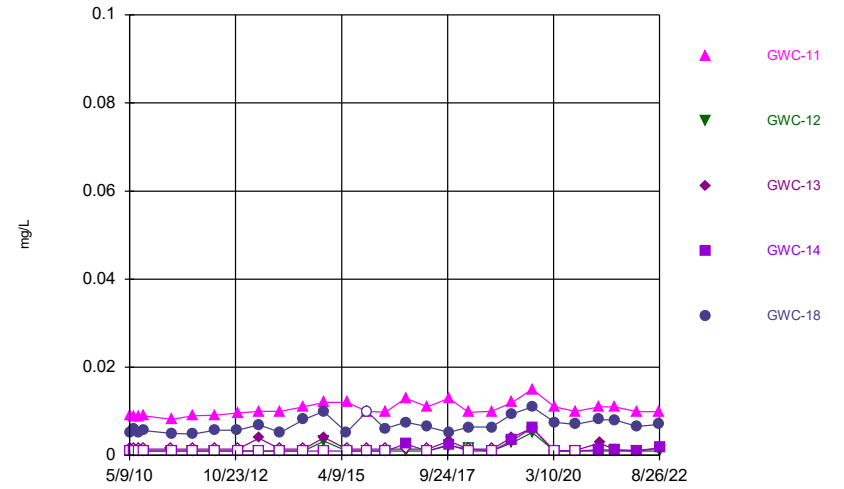
Constituent: Total Dissolved Solids Analysis Run 1/9/2023 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



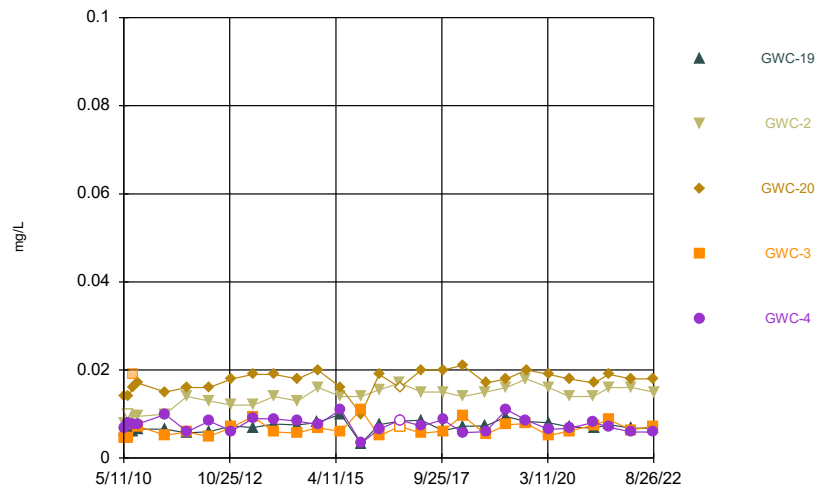
Constituent: Vanadium Analysis Run 1/9/2023 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



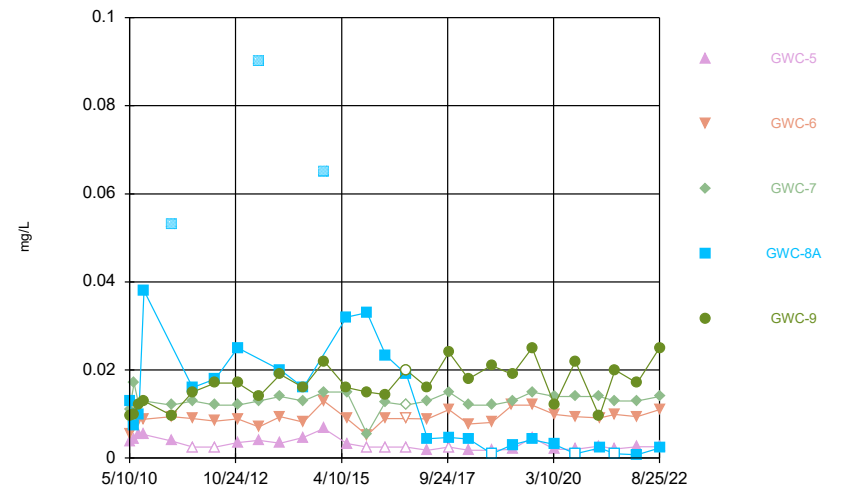
Constituent: Vanadium Analysis Run 1/9/2023 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



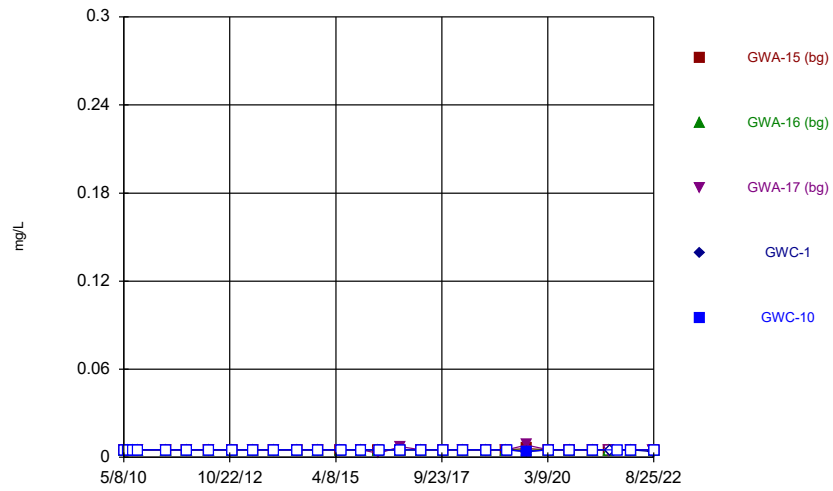
Constituent: Vanadium Analysis Run 1/9/2023 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



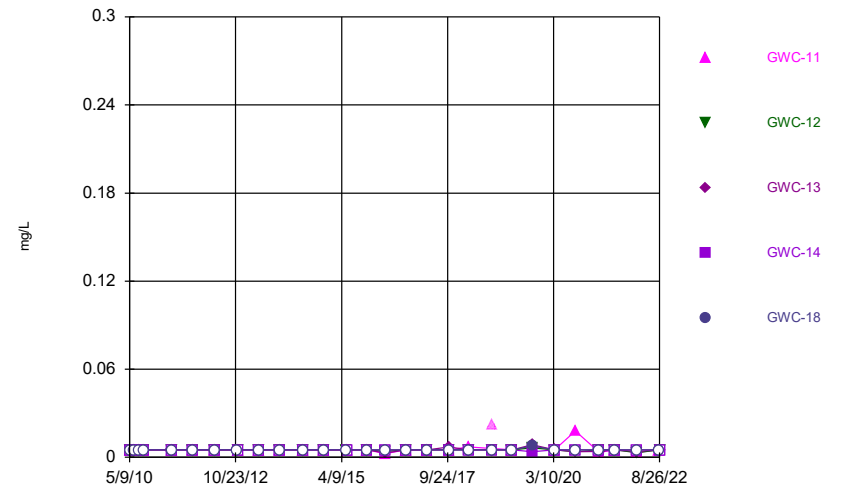
Constituent: Vanadium Analysis Run 1/9/2023 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



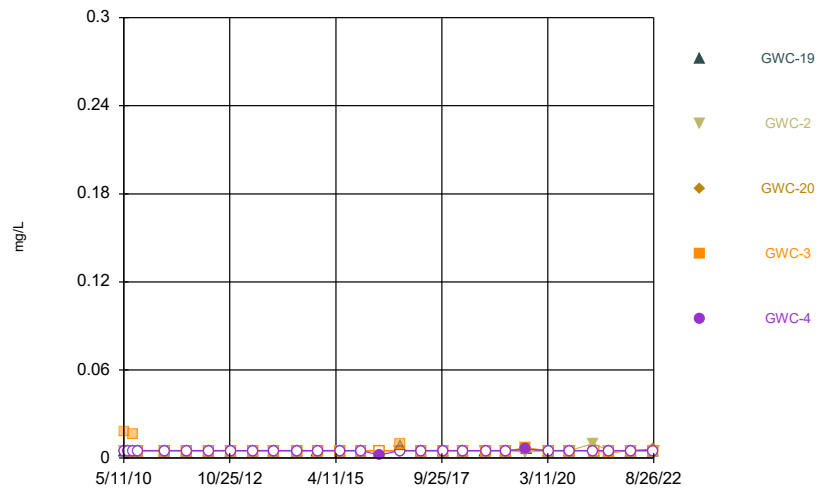
Constituent: Zinc Analysis Run 1/9/2023 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



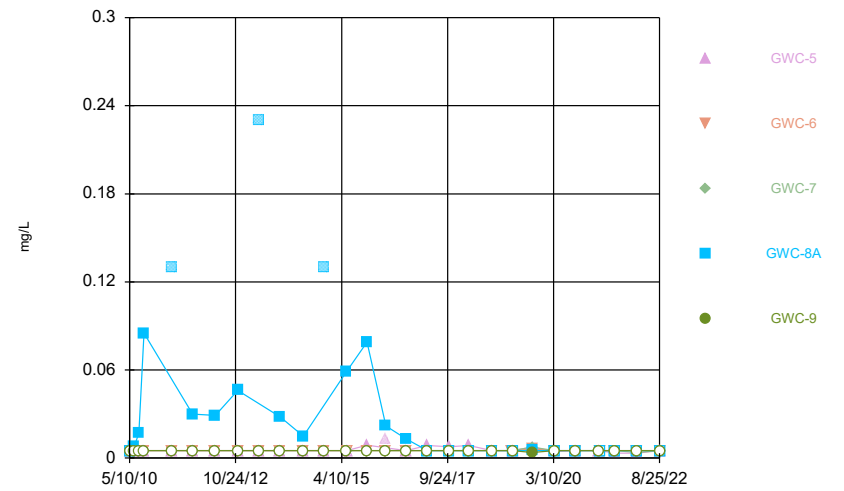
Constituent: Zinc Analysis Run 1/9/2023 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



Constituent: Zinc Analysis Run 1/9/2023 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



Constituent: Zinc Analysis Run 1/9/2023 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/10/2010					<0.002
5/11/2010				<0.002	
6/16/2010		<0.002	<0.002		<0.002
6/17/2010				<0.002	
6/18/2010	<0.002				
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	
7/28/2010	<0.002				<0.002
9/7/2010		<0.002	<0.002		
9/8/2010					<0.002
9/9/2010	<0.002			<0.002	
4/28/2011				<0.002	
4/29/2011		<0.002	<0.002		<0.002
4/30/2011	<0.002				
10/27/2011					<0.002
10/28/2011	<0.002	<0.002	<0.002		
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	
5/4/2012					<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	
11/11/2012					<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/21/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				<0.002
11/13/2014				<0.002	
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	
11/12/2015					<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	
4/13/2016					<0.002 (D)
6/15/2016	<0.002	<0.002	<0.002		
6/16/2016				<0.002	
6/21/2016					<0.002
8/10/2016	<0.002	<0.002	<0.002		
8/11/2016				<0.002	
8/15/2016					<0.002
10/4/2016	<0.002	<0.002		<0.002	
10/5/2016			<0.002		<0.002
11/29/2016		<0.002	<0.002		
11/30/2016	<0.002			<0.002	

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.002
2/7/2017	<0.002	0.001 (J)	<0.002	<0.002	
2/8/2017					<0.002
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
6/20/2017	<0.002	<0.002	<0.002	<0.002	
6/21/2017					<0.002
10/4/2017	<0.002			<0.002	
10/5/2017		<0.002	<0.002		<0.002
3/20/2018	<0.002 (D)	<0.002	<0.002	<0.002	
3/21/2018					<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	
3/27/2019					<0.002
9/10/2019	<0.002	<0.002	<0.002	<0.002	
9/11/2019					<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	<0.002	<0.002	<0.002	<0.002
8/11/2021	<0.002	<0.002	<0.002		
8/17/2021					<0.002
8/18/2021				<0.002	
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/24/2022			<0.002	<0.002	
8/25/2022	<0.002	<0.002			<0.002

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	<0.002	<0.002	
5/10/2010	<0.002				<0.002
6/16/2010	<0.002				<0.002
6/18/2010		<0.002	<0.002	<0.002	
7/26/2010					<0.002
7/27/2010	<0.002	<0.002			
7/28/2010				<0.002	
7/29/2010			<0.002		
9/7/2010					<0.002
9/8/2010	<0.002	<0.002			
9/9/2010			<0.002	<0.002	
4/26/2011			<0.002		
4/29/2011	<0.002	<0.002			<0.002
4/30/2011				<0.002	
10/27/2011	<0.002				
10/28/2011		<0.002	<0.002	<0.002	<0.002
5/2/2012					<0.002
5/3/2012		<0.002		<0.002	
5/4/2012	<0.002		<0.002		
11/9/2012					<0.002
11/10/2012	<0.002	<0.002		<0.002	
11/11/2012			<0.002		
5/8/2013			<0.002	<0.002	<0.002
5/9/2013	<0.002	<0.002			
11/5/2013				<0.002	
11/6/2013	<0.002	<0.002			<0.002
11/7/2013			<0.002		
5/20/2014	<0.002	<0.002	<0.002	<0.002	
5/23/2014					<0.002
11/8/2014					<0.002
11/12/2014	<0.002	<0.002	<0.002	<0.002	
5/22/2015					<0.002
5/23/2015		<0.002			
5/24/2015	<0.002		<0.002	<0.002	
11/10/2015					<0.002
11/11/2015				<0.002	
11/12/2015	<0.002	<0.002	<0.002		
4/11/2016					<0.002
4/13/2016	<0.002 (D)	0.000646 (JD)	<0.002 (D)	<0.002 (D)	
6/16/2016					0.00018 (J)
6/21/2016	<0.002	<0.002	<0.002	<0.002	
8/11/2016					<0.002
8/15/2016	<0.002	<0.002	<0.002	<0.002	
10/4/2016				<0.002	
10/5/2016	<0.002	<0.002			<0.002
10/7/2016			<0.002		
11/29/2016					<0.002
12/1/2016	<0.002	<0.002	<0.002	<0.002	
2/7/2017				<0.002	
2/8/2017	<0.002	<0.002			<0.002
2/9/2017			<0.002		
4/5/2017		<0.002			

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.002		<0.002	<0.002	<0.002
6/20/2017	<0.002	<0.002		<0.002	
6/21/2017					<0.002
6/22/2017			<0.002		
10/5/2017	<0.002	<0.002		<0.002	<0.002
10/6/2017			<0.002		
3/20/2018				<0.002	<0.002
3/21/2018	<0.002	<0.002 (D)			
3/22/2018			<0.002		
10/2/2018	<0.002	<0.002		<0.002	<0.002
10/3/2018			<0.002		
3/26/2019		<0.002	<0.002	<0.002	<0.002
3/27/2019	<0.002				
9/11/2019	<0.002	<0.002	<0.002	<0.002	0.00039 (J)
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020				<0.002	<0.002
9/10/2020	<0.002	<0.002	<0.002		
4/1/2021	<0.002	<0.002		<0.002	<0.002
4/6/2021			<0.002		
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002				<0.002
8/26/2022		<0.002	<0.002	<0.002	

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.002	<0.002	<0.002	<0.002	<0.002
6/16/2010	<0.002				
6/17/2010			<0.002	<0.002	<0.002
6/19/2010		<0.002			
7/27/2010	<0.002	<0.002	<0.002		
7/28/2010				<0.002	<0.002
9/7/2010	<0.002		<0.002	<0.002	
9/8/2010					<0.002
9/9/2010		<0.002			
4/28/2011		<0.002			<0.002
4/29/2011	<0.002		<0.002	<0.002	
10/28/2011	<0.002	<0.002	<0.002	<0.002	
10/29/2011					<0.002
5/2/2012	<0.002				
5/3/2012		<0.002	<0.002	<0.002	<0.002
11/9/2012	<0.002	<0.002		<0.002	
11/10/2012			<0.002		<0.002
5/9/2013	<0.002	<0.002	<0.002		
5/10/2013				<0.002	<0.002
11/5/2013		<0.002			
11/6/2013	<0.002		<0.002	<0.002	<0.002
5/22/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002				
11/9/2014			<0.002	<0.002	<0.002
11/13/2014		<0.002			
5/22/2015				<0.002	<0.002
5/23/2015	<0.002				
5/24/2015		<0.002	<0.002		
11/10/2015	<0.002		<0.002	<0.002	
11/11/2015		<0.002			<0.002
4/11/2016	<0.002				
4/12/2016		<0.002	<0.002	<0.002 (D)	<0.002
6/16/2016	0.00014 (J)	<0.002	<0.002		
6/20/2016				0.0002 (J)	<0.002
8/11/2016	<0.002	<0.002	<0.002		
8/12/2016				<0.002	<0.002
10/4/2016		<0.002			
10/5/2016	<0.002		<0.002	<0.002	
10/6/2016					<0.002
11/29/2016	<0.002				
11/30/2016		<0.002	<0.002	<0.002	<0.002
2/7/2017		<0.002			
2/8/2017	<0.002		<0.002	<0.002	<0.002
4/5/2017	<0.002				
4/6/2017		<0.002	<0.002	<0.002	<0.002
6/20/2017		<0.002			
6/21/2017	<0.002		<0.002	<0.002	
6/22/2017					<0.002
10/4/2017		<0.002			
10/5/2017	<0.002		<0.002	<0.002	
10/6/2017					<0.002
3/20/2018	<0.002	<0.002			

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002			
10/3/2018			<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2019		0.00042 (J)		<0.002	<0.002
9/12/2019	<0.002		<0.002		
3/18/2020		<0.002		<0.002	
3/19/2020	<0.002		<0.002		<0.002
9/9/2020	<0.002	<0.002			
9/10/2020			<0.002	<0.002	<0.002
4/1/2021		0.0013 (J)			
4/2/2021					<0.002
4/5/2021	<0.002		<0.002		
4/6/2021				<0.002	
8/11/2021	<0.002		<0.002		
8/12/2021		<0.002		<0.002	<0.002
2/15/2022		<0.002		<0.002	<0.002
2/16/2022	<0.002		<0.002		
8/25/2022	<0.002		<0.002	<0.002	0.00058 (J)
8/26/2022		<0.002			

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.002	<0.002	<0.002
5/11/2010	<0.002	<0.002			
6/16/2010					<0.002
6/18/2010	<0.002	<0.002	<0.002		
6/19/2010				<0.002	
7/27/2010	<0.002	<0.002			<0.002
7/28/2010			<0.002	<0.002	
9/8/2010				<0.002	<0.002
9/9/2010	<0.002	<0.002	<0.002		
4/29/2011	<0.002				<0.002
4/30/2011		<0.002	<0.002	<0.002	
10/27/2011				<0.002	<0.002
10/28/2011	<0.002				
10/29/2011		<0.002	<0.002		
5/3/2012					<0.002
5/4/2012	<0.002	<0.002	<0.002	<0.002	
11/10/2012	<0.002	<0.002	<0.002		
11/11/2012				<0.002	<0.002
5/9/2013	<0.002	<0.002	<0.002		<0.002
5/10/2013				<0.002	
11/6/2013	<0.002				<0.002
11/7/2013		<0.002	<0.002	<0.002	
5/21/2014		<0.002	<0.002	<0.002	<0.002
5/22/2014	<0.002				
11/9/2014	<0.002	<0.002			
11/12/2014			<0.002		<0.002
11/13/2014				<0.002	
5/23/2015				<0.002	<0.002
5/24/2015	<0.002	<0.002	<0.002		
11/11/2015	<0.002	<0.002	<0.002	<0.002	
11/12/2015					<0.002
4/12/2016		<0.002			
4/13/2016			<0.002 (D)		<0.002 (D)
4/19/2016	<0.002			<0.002	
6/20/2016		<0.002	0.0002 (J)		
6/22/2016	<0.002				<0.002
8/12/2016		<0.002			
8/15/2016			<0.002		<0.002
8/16/2016	<0.002				
10/6/2016	<0.002	<0.002	<0.002		<0.002
10/10/2016				<0.002	
11/30/2016		<0.002			
12/1/2016	<0.002		<0.002	<0.002	<0.002
2/8/2017					<0.002
2/9/2017	<0.002	<0.002	<0.002	<0.002	
4/6/2017	<0.002	<0.002			<0.002
4/7/2017			<0.002	<0.002	
6/21/2017	<0.002	<0.002		<0.002	<0.002
6/22/2017			<0.002		
8/15/2017				<0.002	
9/1/2017				<0.002	
10/5/2017	<0.002				<0.002

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.002	<0.002		
10/9/2017				<0.002	
3/21/2018		<0.002			<0.002
3/22/2018	<0.002		<0.002	<0.002	
10/2/2018					<0.002
10/3/2018	<0.002	<0.002			
10/4/2018			<0.002	<0.002	
3/26/2019		<0.002			
3/27/2019	<0.002		<0.002	<0.002	<0.002
9/11/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/18/2020	<0.002	<0.002		<0.002	<0.002
3/19/2020			<0.002		
9/9/2020	<0.002			<0.002	<0.002
9/10/2020		<0.002	<0.002		
4/1/2021	<0.002		<0.002		<0.002
4/5/2021		<0.002		<0.002	
8/11/2021		<0.002	<0.002		
8/12/2021	<0.002			<0.002	<0.002
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				6E-05 (J)	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		0.00079	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	
6/21/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	0.00032 (J)	0.00049 (J)	0.00069 (J)	0.00033 (J)	
9/11/2019					0.00055 (J)
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<0.001	<0.001	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
11/29/2016					<0.001
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	0.00045 (J)	0.00038 (J)	0.00042 (J)	0.00045 (J)	0.00043 (J)
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001				<0.001
8/26/2022		<0.001	<0.001	<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001		<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	5.1E-05 (J)	5.5E-05 (J)	5.4E-05 (J)		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				0.00053 (J)	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
6/20/2017		<0.001			
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017					<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			0.00078	0.00089	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		0.00038 (J)		0.00032 (J)	0.00032 (J)
9/12/2019	<0.001		<0.001		
3/18/2020		<0.001		<0.001	
3/19/2020	<0.001		<0.001		<0.001
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	<0.001		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		<0.001	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		
8/25/2022	<0.001		<0.001	<0.001	<0.001
8/26/2022		<0.001			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.00046	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<0.001		
6/19/2010				<0.00046	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.00046	
9/8/2010				<0.00046	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.00046	
10/27/2011				<0.00046	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.00046	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.00046	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.00046	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	<0.001	<0.00046	
5/21/2014		<0.001	<0.001	<0.00046	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.00046	
5/23/2015				<0.00046	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.00046	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.00046	
6/20/2016		6.3E-05 (J)	<0.001		
6/22/2016	0.0008				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.00046	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	<0.00046	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	0.00115 (JD)	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.00046	
6/21/2017	<0.001	<0.001		0.0014	<0.001
6/22/2017			<0.001		
8/15/2017				0.00086	
9/1/2017				0.00075	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				0.0013	
3/21/2018		<0.001			<0.001
3/22/2018	0.00046 (J)		<0.001	0.00075	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.00046	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	0.0012	0.00062
9/11/2019	0.00038 (J)	0.00041 (J)	0.00038 (J)	0.001 (J)	0.00055 (J)
3/18/2020	<0.001	<0.001		0.00042 (J)	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			0.00092 (J)	<0.001
9/10/2020		<0.001	<0.001		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		0.00097 (J)	
8/11/2021		<0.001	<0.001		
8/12/2021	<0.001			0.00081 (J)	<0.001
2/15/2022	<0.001	<0.001	<0.001	0.00047 (J)	<0.001
8/25/2022	<0.001	<0.001	<0.001	0.00048 (J)	0.00037 (J)

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.048 (J)		
5/9/2010	0.01 (J)	0.031 (J)			
5/10/2010					0.024 (J)
5/11/2010				0.054 (J)	
6/16/2010		0.029 (J)	0.044 (J)		0.022 (J)
6/17/2010				0.054 (J)	
6/18/2010	0.01 (J)				
7/26/2010			0.042 (J)		
7/27/2010		0.029 (J)		0.054 (J)	
7/28/2010	0.011 (J)				0.023 (J)
9/7/2010		0.028 (J)	0.04 (J)		
9/8/2010					0.023 (J)
9/9/2010	0.011 (J)			0.046 (J)	
4/28/2011				0.057 (J)	
4/29/2011		0.026 (J)	0.038 (J)		0.022 (J)
4/30/2011	0.0091 (J)				
10/27/2011					0.022
10/28/2011	0.0096 (J)	0.025	0.034		
10/29/2011				0.046	
5/2/2012	0.012	0.025	0.03		
5/3/2012				0.049	
5/4/2012					0.019
11/9/2012	0.012 (V)	0.028 (V)	0.039 (V)	0.045 (V)	
11/11/2012					0.025 (V)
5/8/2013	0.01	0.029	0.034		
5/9/2013				0.053	0.024
11/5/2013	0.0098 (J)			0.045	0.025
11/6/2013		0.026	0.032		
5/20/2014	0.0081 (J)	0.025	0.03		
5/21/2014					0.024
5/23/2014				0.043	
11/8/2014		0.026	0.031		
11/12/2014	0.0098 (J)				0.026
11/13/2014				0.046	
5/22/2015	0.0088 (J)	0.026	0.033		
5/23/2015				0.046	0.026
11/9/2015		0.024	0.034		
11/11/2015	0.011			0.047	
11/12/2015					0.026
4/6/2016	0.00959 (J)	0.026	0.0347		
4/12/2016				0.0474	
4/13/2016					0.0258 (D)
6/15/2016	0.0091 (J)	0.023	0.029		
6/16/2016				0.044	
6/21/2016					0.0286
8/10/2016	0.009	0.022	0.027		
8/11/2016				0.04	
8/15/2016					0.024
10/4/2016	<0.0092	0.024		0.048	
10/5/2016			<0.029		<0.028
11/29/2016		0.023	0.024		
11/30/2016	0.011			0.043	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					0.028
2/7/2017	0.0099	0.024	0.029	0.042	
2/8/2017					0.027
4/4/2017	0.0092	0.022	0.03		
4/5/2017				0.041	
4/6/2017					0.027
6/20/2017	0.0099	0.025	0.036	0.046	
6/21/2017					0.031
10/4/2017	0.0098			0.044	
10/5/2017		0.023	0.027		0.029
3/20/2018	0.01	0.023	0.027	0.042	
3/21/2018					<0.028 (X)
10/2/2018	0.0099	0.023	0.027	0.043	0.029
3/26/2019	0.0099	0.024	0.031	0.044	
3/27/2019					0.027
9/10/2019	0.011	0.039	0.051	0.046	
9/11/2019					0.033
3/18/2020	0.01	0.027	0.031	0.049	0.036
9/9/2020	0.01	0.024	0.033	0.046	0.036
4/1/2021	0.0092 (J)	0.024	0.029	0.047	0.034
8/11/2021	0.01	0.023	0.029		
8/18/2021				0.049	
10/18/2021					0.031
2/15/2022	0.012	0.024	0.031	0.052	0.036
8/24/2022			0.031	0.043	
8/25/2022	0.012	0.025			0.035

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		0.017 (J)	0.029 (J)	0.01 (J)	
5/10/2010	0.018 (J)				0.039 (J)
6/16/2010	0.018 (J)				0.041 (J)
6/18/2010		0.014 (J)	0.028 (J)	0.0097 (J)	
7/26/2010					0.04 (J)
7/27/2010	0.018 (J)	0.015 (J)			
7/28/2010				0.0096 (J)	
7/29/2010			0.029 (J)		
9/7/2010					0.038 (J)
9/8/2010	0.017 (J)	0.013 (J)			
9/9/2010			0.028 (J)	0.01 (J)	
4/26/2011			0.038 (J)		
4/29/2011	0.016 (J)	0.016 (J)			0.034 (J)
4/30/2011				0.0096 (J)	
10/27/2011	0.015				
10/28/2011		0.013	0.026	0.0064 (O)	0.035
5/2/2012					0.038
5/3/2012		0.012		0.0054 (O)	
5/4/2012	0.014		0.024		
11/9/2012					0.035 (V)
11/10/2012	0.016 (V)	0.015 (V)		0.0094 (J)	
11/11/2012			0.027 (V)		
5/8/2013			0.045	0.0093 (J)	0.037
5/9/2013	0.016	0.015			
11/5/2013				0.009 (J)	
11/6/2013	0.016	0.015			0.036 (V)
11/7/2013			0.026		
5/20/2014	0.016	0.015	0.024	0.009 (J)	
5/23/2014					0.036
11/8/2014					0.038
11/12/2014	0.017	0.018	0.029	0.0098 (J)	
5/22/2015					0.035
5/23/2015		0.016			
5/24/2015	0.017		0.027	0.0096 (J)	
11/10/2015					0.032
11/11/2015				0.0092 (J)	
11/12/2015	0.016	0.015	0.029		
4/11/2016					0.0352
4/13/2016	0.0159 (D)	0.0166 (D)	0.029 (D)	0.00929 (JD)	
6/16/2016					0.033
6/21/2016	0.018	0.0173	0.0306	0.0106	
8/11/2016					0.035
8/15/2016	0.015	0.015	0.026	0.0077	
10/4/2016				<0.0091	
10/5/2016	<0.016	<0.017			<0.032
10/7/2016			0.031		
11/29/2016					0.034
12/1/2016	0.016	0.016	0.031	0.0089	
2/7/2017				0.0089	
2/8/2017	0.015	0.016			0.032
2/9/2017			0.032		
4/5/2017		0.016			

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.016		0.029	0.0085	0.031
6/20/2017	0.016	0.017		0.0097	
6/21/2017					0.035
6/22/2017			0.034		
10/5/2017	0.016	0.017		0.0096	0.034
10/6/2017			0.031		
3/20/2018				0.0091	0.033
3/21/2018	<0.016 (X)	<0.017 (X)			
3/22/2018			0.034		
10/2/2018	0.016	0.016		0.0096	0.032
10/3/2018			0.03		
3/26/2019		0.017	0.035	0.0092	0.033
3/27/2019	0.015				
9/11/2019	0.017	0.017	0.035	0.011	0.035
3/18/2020	0.019	0.018	0.058	0.0099 (J)	0.036
9/9/2020				0.01	0.036
9/10/2020	0.02	0.019	0.037		
4/1/2021	0.018	0.018		0.0095 (J)	0.035
4/6/2021			0.038		
8/11/2021	0.017	0.018	0.037	0.012	0.037
2/16/2022	0.018	0.018	0.035	0.011	0.034
8/25/2022	0.018				0.035
8/26/2022		0.018	0.035	0.011	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.018 (J)	0.048 (J)	0.032 (J)	0.039	0.031 (J)
6/16/2010	0.017 (J)				
6/17/2010			0.031 (J)	0.017	0.033 (J)
6/19/2010		0.033 (J)			
7/27/2010	0.016 (J)	0.047 (J)	0.035 (J)		
7/28/2010				0.071 (O)	0.033 (J)
9/7/2010	0.017 (J)		0.032 (J)	0.026	
9/8/2010					0.033 (J)
9/9/2010		0.045 (J)			
4/28/2011		0.048 (J)			0.039 (J)
4/29/2011	0.018 (J)		0.031 (J)	0.016	
10/28/2011	0.016	0.044	0.03	0.014	
10/29/2011					0.029
5/2/2012	0.018				
5/3/2012		0.047	0.032	0.017	0.036
11/9/2012	0.017 (V)	0.055 (V)		0.022 (V)	
11/10/2012			0.028 (V)		0.032 (V)
5/9/2013	0.017	0.049	0.029		
5/10/2013				0.025	0.035
11/5/2013		0.045			
11/6/2013	0.018 (V)		0.03 (V)	0.015	0.037
5/22/2014	0.016	0.04	0.029	0.016	0.031
11/8/2014	0.018				
11/9/2014			0.032	0.017	0.034
11/13/2014		0.045			
5/22/2015				0.017	0.039
5/23/2015	0.018				
5/24/2015		0.045	0.029		
11/10/2015	0.017		0.026	0.018	
11/11/2015		0.045			0.042
4/11/2016	0.0191				
4/12/2016		0.0519	0.033	0.0169 (D)	0.0386
6/16/2016	0.017	0.045	0.028		
6/20/2016				0.014	0.031
8/11/2016	0.015	0.04	0.026		
8/12/2016				0.018	0.033
10/4/2016		0.044			
10/5/2016	<0.018		0.03	0.015	
10/6/2016					0.042
11/29/2016	0.017				
11/30/2016		0.044	0.03	0.018	0.04
2/7/2017		0.044			
2/8/2017	0.017		0.033	0.018	0.042
4/5/2017	0.017				
4/6/2017		0.041	0.033	0.017	0.041
6/20/2017		0.045			
6/21/2017	0.019		0.03	0.02	
6/22/2017					0.047
10/4/2017		0.047			
10/5/2017	0.018		0.028	0.017	
10/6/2017					0.045
3/20/2018	0.019	0.045			

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.03 (X)	<0.018 (X)	0.045
10/2/2018	0.018	0.044			
10/3/2018			0.028	0.016	0.042
3/26/2019	0.018	0.045	0.03	0.015	0.053
9/10/2019		0.047		0.014	0.037
9/12/2019	0.026		0.035		
3/18/2020		0.048		0.013	
3/19/2020	0.025		0.032		0.045
9/9/2020	0.026	0.047			
9/10/2020			0.031	0.015	0.045
4/1/2021		0.044			
4/2/2021					0.047
4/5/2021	0.028		0.029		
4/6/2021				0.014	
8/11/2021	0.031		0.031		
8/12/2021		0.048		0.019	0.049
2/15/2022		0.048		0.013	0.055
2/16/2022	0.027		0.03		
5/12/2022					0.06 (R)
8/25/2022	0.03		0.031	0.013	0.054
8/26/2022		0.045			
12/28/2022					0.065

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.029 (J)	0.05 (J)	0.026 (J)
5/11/2010	0.034 (J)	0.053 (J)			
6/16/2010					0.026 (J)
6/18/2010	0.028 (J)	0.055 (J)	0.044 (J)		
6/19/2010				0.045 (J)	
7/27/2010	0.026 (J)	0.053 (J)			0.029 (J)
7/28/2010			0.028 (J)	0.046 (J)	
9/8/2010				0.071 (J)	0.027 (J)
9/9/2010	0.022 (J)	0.05 (J)	0.029 (J)		
4/29/2011	0.016 (J)				0.02 (J)
4/30/2011		0.05 (J)	0.025 (J)	0.098 (J)	
10/27/2011				0.048	0.02
10/28/2011	0.014				
10/29/2011		0.045	0.026		
5/3/2012					0.021
5/4/2012	0.017	0.051	0.032	0.055	
11/10/2012	0.014 (V)	0.048 (V)	0.028 (V)		
11/11/2012				0.05 (V)	0.028 (V)
5/9/2013	0.016	0.048	0.03		0.026
5/10/2013				0.12	
11/6/2013	0.016				0.026
11/7/2013		0.049	0.031	0.044	
5/21/2014		0.048	0.029	0.037	0.023
5/22/2014	0.016				
11/9/2014	0.018	0.053			
11/12/2014			0.031		0.038
11/13/2014				0.085	
5/23/2015				0.054	0.021
5/24/2015	0.11	0.061	0.039		
11/11/2015	0.12	0.063	0.032	0.059	
11/12/2015					0.02
4/12/2016		0.0626			
4/13/2016			0.0328 (D)		0.0164 (D)
4/19/2016	0.099			0.0415	
6/20/2016		0.057	0.03		
6/22/2016	0.074				0.0238
8/12/2016		0.053			
8/15/2016			0.033		0.02
8/16/2016	0.045				
10/6/2016	0.046	0.053	0.032		0.021
10/10/2016				0.034	
11/30/2016		0.06			
12/1/2016	0.046		0.034	0.037	0.025
2/8/2017					0.017
2/9/2017	0.055	0.054	0.032	0.043	
4/6/2017	0.057	0.055			0.019
4/7/2017			0.031	0.019	
6/21/2017	0.062	0.063		0.017	0.026
6/22/2017			0.035		
8/15/2017				0.021	
9/1/2017				0.02	
10/5/2017	0.052				0.022

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		0.054	0.034		
10/9/2017				0.019	
3/21/2018		0.056			<0.021 (X)
3/22/2018	0.048		0.035	0.019	
10/2/2018					0.023
10/3/2018	0.036	0.051			
10/4/2018			0.031	0.012	
3/26/2019		0.052			
3/27/2019	0.038		0.033	0.025	0.018
9/11/2019	0.039	0.059	0.035	0.022	0.028
3/18/2020	0.04	0.05		0.043	0.013
3/19/2020			0.036		
9/9/2020	0.033			0.053	0.025
9/10/2020		0.056	0.039		
4/1/2021	0.04		0.036		0.018
4/5/2021		0.054		0.045	
8/11/2021		0.054	0.036		
8/12/2021	0.036			0.026	0.023
2/15/2022	0.038	0.057	0.035	0.048	0.023
8/25/2022	0.031	0.055	0.035	0.03	0.04

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		<0.0025	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<0.0025	<0.0025	<0.0025		
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	0.0021	<0.0025	
11/11/2012					<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<0.0025
4/4/2017	<0.0025	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	<0.0025	<0.0025	<0.0025	<0.0025	
6/21/2017					<0.0025
10/4/2017	<0.0025			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	<0.0025 (D)	<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
10/2/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	
3/27/2019					<0.0025
9/10/2019	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2019					<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/11/2021	<0.0025	<0.0025	<0.0025		
8/17/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	<0.0025	<0.0025			<0.0025

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<0.0025	<0.0025	
7/26/2010					<0.0025
7/27/2010	<0.0025	<0.0025			
7/28/2010				<0.0025	
7/29/2010			<0.0025		
9/7/2010					<0.0025
9/8/2010	<0.0025	<0.0025			
9/9/2010			<0.0025	<0.0025	
4/26/2011			<0.0025		
4/29/2011	<0.0025	<0.0025			<0.0025
4/30/2011				<0.0025	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<0.0025		<0.0025	
11/11/2012			<0.0025		
5/8/2013			<0.0025	<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025			
11/5/2013				<0.0025	
11/6/2013	<0.0025	<0.0025			<0.0025
11/7/2013			<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					<0.0025
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	<0.0025	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	<0.0025			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	<0.0025		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	<0.0025		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025 (D)			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020				<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025	<0.0025		
4/1/2021	<0.0025	<0.0025		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025				<0.0025
8/26/2022		<0.0025	<0.0025	<0.0025	

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				<0.0025	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	<0.0025	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	<0.0025		
6/20/2016				<0.0025	<0.0025
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				<0.0025	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					<0.0025
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	<0.0025	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	<0.0025	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019		<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025		<0.0025		
3/18/2020		<0.0025		<0.0025	
3/19/2020	<0.0025		<0.0025		<0.0025
9/9/2020	<0.0025	<0.0025			
9/10/2020			<0.0025	<0.0025	<0.0025
4/1/2021		<0.0025			
4/2/2021					<0.0025
4/5/2021	<0.0025		<0.0025		
4/6/2021				<0.0025	
8/11/2021	<0.0025		<0.0025		
8/12/2021		<0.0025		<0.0025	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		
8/25/2022	<0.0025		<0.0025	<0.0025	<0.0025
8/26/2022		<0.0025			

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<0.0025		
6/19/2010				<0.0025	
7/27/2010	<0.0025	<0.0025			<0.0025
7/28/2010			<0.0025	<0.0025	
9/8/2010				<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	<0.0025	
10/27/2011				<0.0025	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				<0.0025	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	<0.0025	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				<0.0025	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			<0.0025	
6/20/2016		<0.0025	<0.0025		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	<0.0025	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	<0.0025	
6/21/2017	<0.0025	<0.0025		<0.0025	<0.0025
6/22/2017			<0.0025		
8/15/2017				<0.0025	
9/1/2017				<0.0025	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				<0.0025	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0025	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	<0.0025	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025		<0.0025	<0.0025
3/19/2020			<0.0025		
9/9/2020	<0.0025			<0.0025	<0.0025
9/10/2020		<0.0025	0.00018 (J)		
4/1/2021	<0.0025		<0.0025		<0.0025
4/5/2021		<0.0025		0.00038 (J)	
8/11/2021		<0.0025	<0.0025		
8/12/2021	0.00022 (J)			<0.0025	<0.0025
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Boron (mg/L) Analysis Run 1/9/2023 11:25 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	<0.08	<0.08	<0.08		
4/12/2016				<0.08	
4/13/2016					<0.08 (D)
6/15/2016	<0.08	<0.08	0.0028 (J)		
6/16/2016				<0.08	
6/21/2016					<0.08
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	
8/15/2016					<0.08
10/4/2016	<0.08	<0.08		<0.08	
10/5/2016			<0.08		<0.08
11/29/2016		<0.08	<0.08		
11/30/2016	<0.08			<0.08	
12/1/2016					<0.08
2/7/2017	<0.08	<0.08	<0.08	<0.08	
2/8/2017					<0.08
4/4/2017	<0.08	<0.08	<0.08		
4/5/2017				<0.08	
4/6/2017					<0.08
6/20/2017	<0.08	<0.08	<0.08	<0.08	
6/21/2017					<0.08
10/4/2017	<0.08			<0.08	
10/5/2017		<0.08	<0.08		<0.08
3/20/2018	<0.08 (D)	<0.08	<0.08	<0.08	
3/21/2018					<0.08
10/2/2018	<0.08	<0.08	<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	
3/27/2019					<0.08
9/10/2019	<0.08	<0.08	<0.08	<0.08	
9/11/2019					<0.08
3/18/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020	<0.08	<0.08	<0.08	<0.08	<0.08
4/1/2021	<0.08	<0.08	<0.08	0.053 (J)	<0.08
8/11/2021	<0.08	<0.08	<0.08		
8/17/2021					<0.08
8/18/2021				<0.08	
2/15/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/24/2022			<0.08	<0.08	
8/25/2022	<0.08	<0.08			0.11
12/28/2022					0.098

Time Series

Constituent: Boron (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					<0.08
4/13/2016	<0.08 (D)	<0.08 (D)	<0.08 (D)	<0.08 (D)	
6/16/2016					<0.08
6/21/2016	<0.08	<0.08	<0.08	<0.08	
8/11/2016					<0.08
8/15/2016	<0.08	<0.08	<0.08	<0.08	
10/4/2016				<0.08	
10/5/2016	<0.08	<0.08			<0.08
10/7/2016			<0.08		
11/29/2016					<0.08
12/1/2016	<0.08	<0.08	<0.08	<0.08	
2/7/2017				<0.08	
2/8/2017	<0.08	<0.08			<0.08
2/9/2017			<0.08		
4/5/2017		<0.08			
4/6/2017	<0.08		<0.08	<0.08	<0.08
6/20/2017	<0.08	<0.08		<0.08	
6/21/2017					<0.08
6/22/2017			<0.08		
10/5/2017	<0.08	<0.08		<0.08	<0.08
10/6/2017			<0.08		
3/20/2018				<0.08	<0.08
3/21/2018	<0.08	<0.08 (D)			
3/22/2018			<0.08		
10/2/2018	<0.08	<0.08		<0.08	<0.08
10/3/2018			<0.08		
3/26/2019		<0.08	<0.08	<0.08	<0.08
3/27/2019	<0.08				
9/11/2019	<0.08	<0.08	<0.08	<0.08	<0.08
3/18/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020				<0.08	<0.08
9/10/2020	<0.08	<0.08	<0.08		
4/1/2021	<0.08	<0.08		<0.08	<0.08
4/6/2021			0.056 (J)		
8/11/2021	<0.08	<0.08	<0.08	<0.08	<0.08
2/16/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/25/2022	<0.08				<0.08
8/26/2022		<0.08	<0.08	<0.08	

Time Series

Constituent: Boron (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	<0.08				
4/12/2016		<0.08	<0.08	<0.08 (D)	<0.08
6/16/2016	<0.08	<0.08	<0.08		
6/20/2016				<0.08	<0.08
8/11/2016	<0.08	<0.08	<0.08		
8/12/2016				<0.08	<0.08
10/4/2016		<0.08			
10/5/2016	<0.08		<0.08	<0.08	
10/6/2016					<0.08
11/29/2016	<0.08				
11/30/2016		<0.08	<0.08	<0.08	<0.08
2/7/2017		<0.08			
2/8/2017	<0.08		<0.08	<0.08	<0.08
4/5/2017	<0.08				
4/6/2017		<0.08	<0.08	<0.08	<0.08
6/20/2017		<0.08			
6/21/2017	<0.08		<0.08	<0.08	
6/22/2017					<0.08
10/4/2017		<0.08			
10/5/2017	<0.08		<0.08	<0.08	
10/6/2017					<0.08
3/20/2018	<0.08	<0.08			
3/21/2018			<0.08	<0.08	<0.08
10/2/2018	<0.08	<0.08			
10/3/2018			<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	<0.08
9/10/2019		<0.08		<0.08	<0.08
9/12/2019	<0.08		<0.08		
3/18/2020		<0.08		<0.08	
3/19/2020	<0.08		<0.08		<0.08
9/9/2020	<0.08	<0.08			
9/10/2020			<0.08	<0.08	<0.08
4/1/2021		<0.08			
4/2/2021					<0.08
4/5/2021	<0.08		<0.08		
4/6/2021				0.078 (J)	
8/11/2021	<0.08		<0.08		
8/12/2021		<0.08		<0.08	<0.08
2/15/2022		<0.08		<0.08	<0.08
2/16/2022	<0.08		<0.08		
8/25/2022	<0.08		0.12	<0.08	<0.08
8/26/2022		<0.08			
12/28/2022			<0.08		

Time Series

Constituent: Boron (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		<0.08			
4/13/2016			<0.08 (D)		0.0774 (JD)
4/19/2016	<0.1			0.145	
6/20/2016		<0.08	<0.08		
6/22/2016	0.238				0.0663 (J)
8/12/2016		<0.08			
8/15/2016			<0.08		0.093
8/16/2016	0.39				
10/6/2016	0.34	<0.08	<0.08		0.096
10/10/2016				0.12	
11/30/2016		<0.08			
12/1/2016	0.37		<0.08	0.12	0.12
2/8/2017					0.094
2/9/2017	0.38	<0.08	<0.08	0.13	
4/6/2017	0.4	<0.08			0.11
4/7/2017			<0.08	0.21	
6/21/2017	0.39	<0.08		0.23	0.1
6/22/2017			<0.08		
8/15/2017				0.27	
9/1/2017				0.24	
10/5/2017	0.47				0.083
10/6/2017		<0.08	<0.08		
3/21/2018		<0.08			0.089
3/22/2018	0.48		<0.08	0.25	
10/2/2018					0.083
10/3/2018	0.47	<0.08			
10/4/2018			<0.08	0.21	
3/26/2019		<0.08			
3/27/2019	0.33		<0.08	0.16	0.067
9/11/2019	0.31	<0.08	<0.08	0.21	0.083
3/18/2020	0.26	<0.08		0.16	0.058 (J)
3/19/2020			<0.08		
9/9/2020	0.24			0.13	0.088
9/10/2020		<0.08	<0.08		
4/1/2021	0.23		<0.08		0.059 (J)
4/5/2021		0.042 (J)		0.18	
8/11/2021		0.057 (J)	0.056 (J)		
8/12/2021	0.19			0.23	0.1
2/15/2022	0.19	<0.08	<0.08	0.13	0.07 (J)
8/25/2022	0.19	<0.08	<0.08	0.18	0.13

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		<0.0025	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<0.0025	<0.0025	<0.0025		
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/11/2012					<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	

Time Series

Constituent: Cadmium, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<0.0025
4/4/2017	<0.0025	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	<0.0025	<0.0025	<0.0025	<0.0025	
6/21/2017					<0.0025
10/4/2017	<0.0025			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	<0.0025 (D)	<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
10/2/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	
3/27/2019					<0.0025
9/10/2019	<0.0025	<0.0025	0.00013 (J)	<0.0025	
9/11/2019					<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/11/2021	<0.0025	<0.0025	<0.0025		
8/17/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	<0.0025	<0.0025			<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<0.0025	<0.0025	
7/26/2010					<0.0025
7/27/2010	<0.0025	<0.0025			
7/28/2010				<0.0025	
7/29/2010			<0.0025		
9/7/2010					<0.0025
9/8/2010	<0.0025	<0.0025			
9/9/2010			<0.0025	<0.0025	
4/26/2011			<0.0025		
4/29/2011	<0.0025	<0.0025			<0.0025
4/30/2011				<0.0025	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<0.0025		<0.0025	
11/11/2012			<0.0025		
5/8/2013			<0.0025	<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025			
11/5/2013				<0.0025	
11/6/2013	<0.0025	<0.0025			<0.0025
11/7/2013			<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					<0.0025
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	<0.0025	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	<0.0025			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Cadmium, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	<0.0025		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	<0.0025		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025 (D)			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020				<0.0025	<0.0025
9/10/2020	0.001 (J)	<0.0025	<0.0025		
4/1/2021	<0.0025	<0.0025		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025				<0.0025
8/26/2022		<0.0025	<0.0025	<0.0025	

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				<0.0025	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	<0.0025	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	<0.0025		
6/20/2016				<0.0025	<0.0025
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				<0.0025	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					<0.0025
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	<0.0025	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	<0.0025	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Cadmium, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019		<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025		<0.0025		
3/18/2020		<0.0025		<0.0025	
3/19/2020	<0.0025		<0.0025		<0.0025
9/9/2020	<0.0025	<0.0025			
9/10/2020			<0.0025	<0.0025	<0.0025
4/1/2021		0.00038 (J)			
4/2/2021					<0.0025
4/5/2021	<0.0025		<0.0025		
4/6/2021				<0.0025	
8/11/2021	<0.0025		<0.0025		
8/12/2021		<0.0025		<0.0025	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		
8/25/2022	<0.0025		<0.0025	<0.0025	<0.0025
8/26/2022		<0.0025			

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<0.0025		
6/19/2010				<0.0025	
7/27/2010	<0.0025	<0.0025			<0.0025
7/28/2010			<0.0025	<0.0025	
9/8/2010				0.001	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	0.0014	
10/27/2011				0.0011	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				0.0016	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	0.001	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				<0.0025	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			0.000379 (J)	
6/20/2016		<0.0025	<0.0025		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	<0.0025	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	0.00037 (J)	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	<0.0025	
6/21/2017	<0.0025	<0.0025		<0.0025	<0.0025
6/22/2017			<0.0025		
8/15/2017				<0.0025	
9/1/2017				<0.0025	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Cadmium, T Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				<0.0025	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0025	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	<0.0025	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025		<0.0025	<0.0025
3/19/2020			<0.0025		
9/9/2020	<0.0025			<0.0025	<0.0025
9/10/2020		<0.0025	<0.0025		
4/1/2021	<0.0025		<0.0025		<0.0025
4/5/2021		<0.0025		0.0003 (J)	
8/11/2021		<0.0025	<0.0025		
8/12/2021	<0.0025			<0.0025	<0.0025
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	3.62	12.1	6.58		
4/12/2016				17.1	
4/13/2016					15.6 (D)
6/15/2016	4.5	11.8	6.9		
6/16/2016				19.8	
6/21/2016					14.4
8/10/2016	3.8	10	5.5		
8/11/2016				15	
8/15/2016					14
10/4/2016	5.3	14		17	
10/5/2016			6.8		17
11/29/2016		10	4.8		
11/30/2016	4.7			16	
12/1/2016					15
2/7/2017	3.8	12	7.8	17	
2/8/2017					17
4/4/2017	3.8	11	6.4		
4/5/2017				16	
4/6/2017					16
6/20/2017	4.1	11	7	17	
6/21/2017					16 (D)
10/4/2017	4.6			19	
10/5/2017		13	6.6		19
3/20/2018	4.2 (D)	12	6.6	18	
3/21/2018					17
10/2/2018	4.2	11	5.8	16	17
3/26/2019	4	11	6.7	16	
3/27/2019					16
9/10/2019	4.8	12	7.5	17	
9/11/2019					18
3/18/2020	3.8	12	7.3	19	20
9/9/2020	4	11	7.3	17	20
4/1/2021	4	12	7.8	18	19
8/11/2021	4.1	11	7.3		
8/17/2021					18
8/18/2021				18	
2/15/2022	3.6	10	7.1	16	17
8/24/2022			8.9	17	
8/25/2022	4.9	13			20

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					10.5
4/13/2016	12.8 (D)	1.18 (D)	5.71 (D)	6.55 (D)	
6/16/2016					11.6
6/21/2016	11.6	1.12	5.54	6.04	
8/11/2016					10
8/15/2016	11	0.95	5.8	5.9	
10/4/2016				6.6	
10/5/2016	14	1			11
10/7/2016			6.1		
11/29/2016					9.6
12/1/2016	12	0.92	5.8	5.4	
2/7/2017				6.1	
2/8/2017	13	1.2			10
2/9/2017			6.3		
4/5/2017		1.1			
4/6/2017	12		5.8	6.1	9.7
6/20/2017	13	0.96		6.6	
6/21/2017					9.7 (D)
6/22/2017			6.4 (D)		
10/5/2017	14	1.1		7.2	11
10/6/2017			7.4		
3/20/2018				6.6	11
3/21/2018	13	1.3 (D)			
3/22/2018			6.8		
10/2/2018	12	0.86		6.5	9.6
10/3/2018			6.4		
3/26/2019		1.1	6.3	6.4	9.6
3/27/2019	12				
9/11/2019	13	0.94	7	7.3	10
3/18/2020	14	1.6	9.3	6.9	11
9/9/2020				6.5	10
9/10/2020	13	1.1	6.7		
4/1/2021	13	1.2		6.2	11
4/6/2021			7.4		
8/11/2021	13	1	6.7	6.9	10
2/16/2022	12	1.1	6.7	6.3	9.7
8/25/2022	14				11
8/26/2022		0.99	7.5	7	

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	10.4				
4/12/2016		17	13.5	8.52 (D)	11
6/16/2016	12.2	19.7	15		
6/20/2016				7.7	10.1
8/11/2016	9.5	15	12		
8/12/2016				7.3	9.9
10/4/2016		18			
10/5/2016	11		14	8.4	
10/6/2016					12
11/29/2016	9.8				
11/30/2016		16	12	8	11
2/7/2017		18			
2/8/2017	10		14	9.3	13
4/5/2017	10				
4/6/2017		16	13	8.1	12
6/20/2017		17			
6/21/2017	10 (D)		13 (D)	9.2 (D)	
6/22/2017					13 (D)
10/4/2017		19			
10/5/2017	12		15	10	
10/6/2017					15
3/20/2018	12	18			
3/21/2018			14	9.3	15
10/2/2018	11	16			
10/3/2018			13	7.5	13
3/26/2019	11	17	12	7.3	13
9/10/2019		18		6.6	12
9/12/2019	14		14		
3/18/2020		18		5.9	
3/19/2020	14		14		14
9/9/2020	15	17			
9/10/2020			13	6.3	13
4/1/2021		17			
4/2/2021					15
4/5/2021	15		14		
4/6/2021				7.4	
8/11/2021			14		
8/12/2021		17		6.6	13
10/7/2021	17				
2/15/2022		16		6	15
2/16/2022	15		13		
8/25/2022	18		15	5.5	17
8/26/2022		18			
12/28/2022	19				20

Time Series

Constituent: Calcium (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		17.8			
4/13/2016			14 (D)		18 (D)
4/19/2016	198			20	
6/20/2016		19.5	13.8		
6/22/2016	132				16.7
8/12/2016		17			
8/15/2016			13		16
8/16/2016	94				
10/6/2016	100	19	14		17
10/10/2016				19	
11/30/2016		19			
12/1/2016	100		13	18	17
2/8/2017					18
2/9/2017	120	18	14	20	
4/6/2017	140	18			17
4/7/2017			14	27	
6/21/2017	160 (D)	19 (D)		27 (D)	17 (D)
6/22/2017			14 (D)		
8/15/2017				29	
9/1/2017				32	
10/5/2017	130				19
10/6/2017		19	16		
3/21/2018		19			19
3/22/2018	130		15	30	
10/2/2018					16
10/3/2018	88	16			
10/4/2018			13	37	
3/26/2019		16			
3/27/2019	75		14	47	16
9/11/2019	46	19	14	37	17
3/18/2020	61	15		53	16
3/19/2020			15		
9/9/2020	35			64	16
9/10/2020		16	15		
4/1/2021	40		15		16
4/5/2021		16		52	
8/11/2021		16	14		
8/12/2021	46			37	18
2/15/2022	36	15	13	49	16
8/25/2022	37	19	16	39	21
12/28/2022					18

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	5.342	1.789	1.69		
4/12/2016				4.32	
4/13/2016					2.04 (D)
6/15/2016	5.2	2.1	1.9		
6/16/2016				3.8	
6/21/2016					2.2
8/10/2016	5.5	1.8	1.7		
8/11/2016				4	
8/15/2016					2.2
10/4/2016	5.4	1.7		3.6	
10/5/2016			1.6		2.1
11/29/2016		1.7	1.7		
11/30/2016	5.4			3.8	
12/1/2016					2.1
2/7/2017	5.1	1.6	1.6	4.3	
2/8/2017					2.3
4/4/2017	5.1	1.6	1.5		
4/5/2017				4.1	
4/6/2017					2.2
6/20/2017	5.2	1.6	1.5	3.9	
6/21/2017					2.3
10/4/2017	5.2			3.6	
10/5/2017		1.5	1.5		2.3
3/20/2018	5.6 (D)	1.5	1.4	3.9	
3/21/2018					2.3
10/2/2018	6.3	1.6	1.5	3.7	2.6
3/26/2019	5.5	1.5	1.3	3.6	
3/27/2019					2.4
9/10/2019	5.2	1.4	1.3	2.9	
9/11/2019					2.9
3/18/2020	5.4	1.7	2	4.2	4.1
9/9/2020	6.1	1.6	1.3	3.9	4.3
4/1/2021	7	1.8	1.5	4.2	4.4
8/11/2021	7.2	1.8	1.4		
8/17/2021					3.1
8/18/2021				4	
2/15/2022	6.5	1.6	1.4	4	4.6
8/24/2022			1.4	3.6	
8/25/2022	6.9	1.6			5

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					2.53
4/13/2016	1.78 (D)	1.8 (D)	1.82 (D)	2.71 (D)	
6/16/2016					2.5
6/21/2016	2	2	1.9	3	
8/11/2016					2.6
8/15/2016	1.9	1.8	1.6	3.1	
10/4/2016				3	
10/5/2016	1.8	1.7			2.5
10/7/2016			1.5		
11/29/2016					2.4
12/1/2016	1.8	1.7	1.4	3.1	
2/7/2017				2.9	
2/8/2017	1.8	1.7			2.5
2/9/2017			1.5		
4/5/2017		1.7			
4/6/2017	1.7		1.4	2.7	2.4
6/20/2017	1.7	1.6		2.9	
6/21/2017					2.4
6/22/2017			1.5		
10/5/2017	1.7	1.6		2.8	2.3
10/6/2017			1.3		
3/20/2018				2.7	2.3
3/21/2018	1.6	1.6 (D)			
3/22/2018			1.4		
10/2/2018	1.7	1.6		3	2.5
10/3/2018			1.5		
3/26/2019		1.7	1.6	2.5	2.7
3/27/2019	1.5				
9/11/2019	1.8	1.9	1.5	3.1	2.6
3/18/2020	1.9	2.1	1.6	3	2.7
9/9/2020				2.9	2.8
9/10/2020	1.9	1.8	1.7		
4/1/2021	1.9	2		3.8	2.8
4/6/2021			1.8		
8/11/2021	1.8	1.8	1.6	3.7	2.9
2/16/2022	1.7	1.9	1.5	3.2	2.7
8/25/2022	1.8				2.8
8/26/2022		1.7	1.5	3.3	

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	1.84				
4/12/2016		2.34	2.03	3.04 (D)	4.57
6/16/2016	1.9	2.4	2.2		
6/20/2016				3.1	3.1
8/11/2016	1.9	2.4	2.1		
8/16/2016				3.2	3.2
10/4/2016		2.2			
10/5/2016	1.7		1.9	3.2	
10/6/2016					3.4
11/29/2016	1.7				
11/30/2016		2.2	2	3.3	4.1
2/7/2017		2.1			
2/8/2017	1.7		2	3.5	7.2
4/5/2017	1.7				
4/6/2017		2.1	<1	3.4	7.4
6/20/2017		2.1			
6/21/2017	1.7		1.9	3.5	
6/22/2017					7.8
10/4/2017		2			
10/5/2017	1.6		1.9	3.5	
10/6/2017					9.1
3/20/2018	1.6	2			
3/21/2018			1.8	3.4	13
10/2/2018	1.7	2			
10/3/2018			2	3.5	13
3/26/2019	1.8	1.9	1.9	3	9.2
9/10/2019		1.7		2.5	5.1
9/12/2019	1.5		1.6		
3/18/2020		2.4		2.8	
3/19/2020	2.2		2.2		8.7
9/9/2020	2.4	2			
9/10/2020			2.1	2.7	9.7
4/1/2021		2.5			
4/2/2021					11
4/6/2021				2.9	
6/1/2021	2.6		2.1		
8/11/2021	2.8		2.1		
8/12/2021		2.5		3.3	12
2/15/2022		2.2		2.7	11
2/16/2022	2.4		2		
8/25/2022	2.4		2.1	3.2	11
8/26/2022		2.1			

Time Series

Constituent: Chloride (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/13/2016			1.68 (D)		3.64 (D)
4/19/2016	124 (o)			6.9	
6/20/2016		6.8	2		
6/22/2016	81				3.8
8/15/2016			1.8		3.7
8/16/2016	71	7.6			
10/6/2016	68	7.3	1.7		3.4
10/10/2016				7.2	
11/30/2016		7.1			
12/1/2016	74		1.7	7.1	4
2/8/2017					4
2/9/2017	76	5.8	1.7	7.2	
4/6/2017	92	5.7			4
4/7/2017			1.7	7.5	
6/21/2017	100	6.1		7.6	3.3
6/22/2017			1.6		
8/15/2017				7.8	
9/1/2017				7.6	
10/5/2017	67				3.3
10/6/2017		5.1	1.6		
3/21/2018		5.4			3.6
3/22/2018	74		1.6	7	
10/2/2018					3.1
10/3/2018	46	5.7			
10/4/2018			1.7	6.1	
3/26/2019		4.2			
3/27/2019	42		1.7	6.6	3
9/11/2019	19	7.2	2.1	7	3.4
3/18/2020	30	4		8.5	3.4
3/19/2020			2.1		
9/9/2020	8.7			11	3.2
9/10/2020		6.3	2.5		
4/1/2021	18		2.9		4.3
6/1/2021				9.4	
6/2/2021		6.3			
8/11/2021		6.5	3		
8/12/2021	22			7.8	4.1
2/15/2022	16	6.1	2.7	9.1	3.7
8/25/2022	12	6.2	3	7.5	4.2

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.0032 (J)		
5/9/2010	<0.002	0.003 (J)			
5/10/2010					0.011
5/11/2010				0.0077	
6/16/2010		0.0042 (J)	0.0037 (J)		0.0095
6/17/2010				0.0053	
6/18/2010	<0.002				
7/26/2010			0.0058		
7/27/2010		0.0048 (J)		0.0085	
7/28/2010	<0.002				0.01
9/7/2010		0.0037 (J)	0.0078		
9/8/2010					0.011
9/9/2010	<0.002			0.0076	
4/28/2011				0.0048 (J)	
4/29/2011		0.0046 (J)	0.005		0.0096
4/30/2011	<0.002				
10/27/2011					0.011
10/28/2011	<0.002	0.005	0.0068		
10/29/2011				0.0093	
5/2/2012	<0.002	0.0052	0.0065		
5/3/2012				0.01	
5/4/2012					0.01
11/9/2012	<0.002	0.0054	0.006	0.009	
11/11/2012					0.01
5/8/2013	<0.002	0.0058	0.0074		
5/9/2013				0.0085	0.011
11/5/2013	0.0036			0.015	0.015
11/6/2013		0.0062 (J)	0.0082 (J)		
5/20/2014	<0.002	0.0047 (J)	0.0051 (J)		
5/21/2014					0.013
5/23/2014				0.012	
11/8/2014		0.0064 (J)	0.0074 (J)		
11/12/2014	<0.002				0.012
11/13/2014				0.011	
5/22/2015	<0.002	0.0059 (J)	0.0084 (J)		
5/23/2015				0.012	0.014
11/9/2015		0.0043 (J)	0.009 (J)		
11/11/2015	<0.002			0.014	
11/12/2015					0.016
4/6/2016	<0.002	0.00457 (J)	0.00779 (J)		
4/12/2016				0.0135	
4/13/2016					0.0152 (D)
6/15/2016	<0.002	<0.01	<0.01		
6/16/2016				0.014	
6/21/2016					0.016
8/10/2016	<0.002	0.0042	0.0068		
8/11/2016				0.013	
8/15/2016					0.015
10/4/2016	<0.002	0.0052		0.014	
10/5/2016			0.0076		0.016
11/29/2016		0.004	0.0045		
11/30/2016	<0.002			0.013	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					0.015
2/7/2017	<0.002	0.004	0.0067	0.013	
2/8/2017					0.017
4/4/2017	<0.002	0.0021 (J)	0.0079		
4/5/2017				0.014	
4/6/2017					0.018
6/20/2017	<0.002	0.0046	0.0084	0.013	
6/21/2017					0.017
10/4/2017	<0.002			0.015	
10/5/2017		0.005	0.0061		0.018
3/20/2018	<0.002 (D)	0.0044	0.006	0.013	
3/21/2018					0.017 (J+X)
10/2/2018	<0.002	0.0043	0.0061	0.014	0.018
3/26/2019	<0.002	0.0046	0.0065	0.013	
3/27/2019					0.017
9/10/2019	0.0023 (J)	0.0076	0.012	0.018	
9/11/2019					0.023
3/18/2020	<0.002	0.0044	0.0083	0.014	0.02
9/9/2020	<0.002	0.005	0.0088	0.014	0.018
4/1/2021	<0.002	0.0053	0.0082	0.014	0.02
8/11/2021	<0.002	0.0059	0.0089		
8/18/2021				0.014	
10/18/2021					0.019
2/15/2022	<0.002	0.0056	0.0084	0.011	0.021
8/24/2022			0.0076	0.014	
8/25/2022	<0.002	0.0056			0.018

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	0.0051	<0.002	
5/10/2010	0.011				0.012
6/16/2010	0.012				0.014
6/18/2010		<0.002	0.0043 (J)	<0.002	
7/26/2010					0.013
7/27/2010	0.012	0.002 (J)			
7/28/2010				<0.002	
7/29/2010			0.0058		
9/7/2010					0.015
9/8/2010	0.011	<0.002			
9/9/2010			0.0052	<0.002	
4/26/2011			0.0025 (J)		
4/29/2011	0.01	<0.002			0.014
4/30/2011				<0.002	
10/27/2011	0.0077				
10/28/2011		<0.002	0.0035 (J)	<0.002	0.014
5/2/2012					0.017
5/3/2012		<0.002		<0.002	
5/4/2012	0.0082		0.0073		
11/9/2012					0.014
11/10/2012	0.007	<0.002		<0.002	
11/11/2012			0.004 (J)		
5/8/2013			0.006	<0.002	0.017
5/9/2013	0.0079	<0.002			
11/5/2013				0.0036	
11/6/2013	0.011	0.0031 (J)			0.017
11/7/2013			0.0068 (J)		
5/20/2014	0.0076 (J)	0.002 (J)	0.0039 (J)	<0.002	
5/23/2014					0.013
11/8/2014					0.018
11/12/2014	0.0071 (J)	<0.002	0.0039 (J)	<0.002	
5/22/2015					0.02
5/23/2015		0.0027 (J)			
5/24/2015	0.0083 (J)		0.004 (J)	<0.002	
11/10/2015					0.013
11/11/2015				<0.002	
11/12/2015	0.0069 (J)	0.0022 (J)	0.0077 (J)		
4/11/2016					0.0139
4/13/2016	0.00804 (JD)	<0.002 (D)	0.0038 (JD)	<0.002 (D)	
6/16/2016					0.014
6/21/2016	0.0086 (J)	0.0012 (J)	0.0035 (J)	0.0006 (J)	
8/11/2016					0.016
8/15/2016	0.0073	0.0021 (J)	0.0034	<0.002	
10/4/2016				<0.002	
10/5/2016	0.0077	0.0013 (J)			0.014
10/7/2016			0.0037		
11/29/2016					0.013
12/1/2016	0.0075	0.0015 (J)	0.0037	<0.002	
2/7/2017				<0.002	
2/8/2017	0.0078	0.0016 (J)			0.013
2/9/2017			0.0038		
4/5/2017		0.0014 (J)			

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.0079		0.0039	<0.002	0.014
6/20/2017	0.0078	0.0015 (J)		<0.002	
6/21/2017					0.013
6/22/2017			0.0042		
10/5/2017	0.0081	0.0015 (J)		<0.002	0.014
10/6/2017			0.0039		
3/20/2018				<0.002	0.014
3/21/2018	<0.0081 (X)	<0.002 (XD)			
3/22/2018			0.028 (O)		
10/2/2018	0.0075	0.0012 (J)		<0.002	0.014
10/3/2018			0.0056		
3/26/2019		0.0013 (J)	0.0048	<0.002	0.014
3/27/2019	0.007				
9/11/2019	0.011	0.0036	0.0075	0.0038	0.017
3/18/2020	0.0086	0.0016 (J)	0.008	<0.002	0.014
9/9/2020				<0.002	0.013
9/10/2020	0.009	<0.002	0.0054		
4/1/2021	0.0078	0.0015 (J)		<0.002	0.014
4/6/2021			0.0061		
8/11/2021	0.0078	<0.002	0.0051	<0.002	0.014
2/16/2022	0.0074	<0.002	0.005	<0.002	0.012
8/25/2022	0.0069				0.012
8/26/2022		<0.002	0.0043	<0.002	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.0039 (J)	0.0051	0.0063	0.01	0.0046 (J)
6/16/2010	0.0049 (J)				
6/17/2010			0.0053	0.0087	0.007
6/19/2010		<0.011			
7/27/2010	0.0047 (J)	0.01	0.0064		
7/28/2010				0.028 (O)	0.0084
9/7/2010	0.0057		0.0078	0.022	
9/8/2010					0.0071
9/9/2010		0.0072			
4/28/2011		0.0077			0.008
4/29/2011	0.0087		0.0065	0.0099	
10/28/2011	0.0075	0.011	0.0092	0.0089	
10/29/2011					0.0054
5/2/2012	0.011				
5/3/2012		0.011	0.011	0.0091	0.0065
11/9/2012	0.0076	0.0089		0.008	
11/10/2012			0.0073		0.0059
5/9/2013	0.0088	0.0089	0.0098		
5/10/2013				0.019	0.0083
11/5/2013		0.011			
11/6/2013	0.011		0.011	0.013	0.0099 (J)
5/22/2014	0.0057 (J)	0.01	0.0097 (J)	0.0093 (J)	0.0049 (J)
11/8/2014	0.013				
11/9/2014			0.012	0.0098 (J)	0.0068 (J)
11/13/2014		0.0084 (J)			
5/22/2015				0.01	0.0087 (J)
5/23/2015	0.014				
5/24/2015		0.0095 (J)	0.016		
11/10/2015	0.0091 (J)		0.0088 (J)	0.011	
11/11/2015		0.011			0.0084 (J)
4/11/2016	0.00767 (J)				
4/12/2016		0.0122	0.00965 (J)	0.00925 (JD)	0.00419 (J)
6/16/2016	<0.01	<0.011	<0.0085		
6/20/2016				0.0076 (J)	0.0043 (J)
8/11/2016	0.0085	0.01	0.0083		
8/12/2016				0.0079	0.0037
10/4/2016		0.011			
10/5/2016	0.01		0.0094	0.0085	
10/6/2016					0.0062
11/29/2016	0.0087				
11/30/2016		0.0098	0.0084	0.0086	0.0043
2/7/2017		0.0096			
2/8/2017	0.0093		0.0091	0.011	0.0052
4/5/2017	0.0098				
4/6/2017		0.01	0.011	0.0098	0.005
6/20/2017		0.01			
6/21/2017	0.0094		0.0081	0.011	
6/22/2017					0.0052
10/4/2017		0.011			
10/5/2017	0.0096		0.0083	0.01	
10/6/2017					0.0049
3/20/2018	0.0097	0.0099			

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0085 (X)	<0.0093 (X)	<0.0062 (X)
10/2/2018	0.0097	0.01			
10/3/2018			0.0091	0.0081	0.0039
3/26/2019	0.0091	0.0096	0.0092	0.0075	0.0084
9/10/2019		0.014		0.0092	0.0067
9/12/2019	0.012		0.011		
3/18/2020		0.011		0.0049	
3/19/2020	0.012		0.0094		0.0045
9/9/2020	0.011	0.01			
9/10/2020			0.009	0.0061	0.0055
4/1/2021		0.0057			
4/2/2021					0.0052
4/5/2021	0.012		0.008		
4/6/2021				0.0074	
8/11/2021	0.013		0.0087		
8/12/2021		0.012		0.0085	0.0045
2/15/2022		0.011		0.0076	0.0041
2/16/2022	0.011		0.0081		
8/25/2022	0.015		0.0079	0.0072	0.0038
8/26/2022		0.0095			

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.007	<0.002	0.0097
5/11/2010	0.004 (J)	<0.012			
6/16/2010					0.0074
6/18/2010	0.0056	0.0063	0.011		
6/19/2010				<0.002	
7/27/2010	0.0051	0.004 (J)			0.0068
7/28/2010			0.0092	0.0034 (J)	
9/8/2010				0.014	0.007
9/9/2010	0.0037 (J)	0.0053	0.01		
4/29/2011	0.0036 (J)				0.0062
4/30/2011		0.0035 (J)	0.012	0.022	
10/27/2011				0.0064	0.0084
10/28/2011	0.0026 (J)				
10/29/2011		0.0048 (J)	0.012		
5/3/2012					0.0099
5/4/2012	0.0031 (J)	0.0064	0.013	0.0059	
11/10/2012	<0.005	0.0084	0.0097		
11/11/2012				0.011	0.0073
5/9/2013	0.0033 (J)	0.0041 (J)	0.013		0.0085
5/10/2013				0.038 (O)	
11/6/2013	0.0045 (J)				0.013
11/7/2013		0.0077 (J)	0.013	0.012	
5/21/2014		0.0044 (J)	0.0091 (J)	0.0048 (J)	0.0097 (J)
5/22/2014	0.0035 (J)				
11/9/2014	0.0062 (J)	0.0071 (J)			
11/12/2014			0.0097 (J)		0.0072 (J)
11/13/2014				0.023	
5/23/2015				0.015	0.0095 (J)
5/24/2015	0.012	0.01	0.018		
11/11/2015	0.0068 (J)	0.0053 (J)	0.0086 (J)	0.016	
11/12/2015					0.0046 (J)
4/12/2016		0.00493 (J)			
4/13/2016			0.00924 (JD)		0.00627 (JD)
4/19/2016	0.00368 (J)			0.0086 (J)	
6/20/2016		0.0043 (J)	0.0084 (J)		
6/22/2016	0.0031 (J)				0.0079 (J)
8/12/2016		0.0037			
8/15/2016			0.0083		0.0075
8/16/2016	0.0028				
10/6/2016	0.003	0.004	0.0081		0.0071
10/10/2016				0.0052	
11/30/2016		0.0035			
12/1/2016	0.0022 (J)		0.0083	0.0062	0.007
2/8/2017					0.0047
2/9/2017	0.0035	0.0041	0.0087	0.0091	
4/6/2017	0.0032	0.0038			0.006
4/7/2017			0.009	<0.002	
6/21/2017	0.0031	0.004		<0.002	0.0071
6/22/2017			0.0092		
8/15/2017				<0.002	
9/1/2017				<0.002	
10/5/2017	0.0029				0.008

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		0.0038	0.0095		
10/9/2017				<0.002	
3/21/2018		<0.012 (X)			<0.0046 (X)
3/22/2018	0.0086 (J+X)		0.0086 (J+X)	0.0079 (J+X)	
10/2/2018					0.0081
10/3/2018	0.003	0.0042			
10/4/2018			0.0083	<0.002	
3/26/2019		0.0044			
3/27/2019	0.0039		0.0088	<0.002	0.0064
9/11/2019	0.0079	0.0078	0.013	0.0052	0.012
3/18/2020	0.0052	0.0046		<0.002	0.0066
3/19/2020			0.011		
9/9/2020	0.0048			<0.002	0.0081
9/10/2020		0.0049	0.0098		
4/1/2021	0.0058		0.0091		0.0018 (J)
4/5/2021		0.005		<0.002	
8/11/2021		0.005	0.0092		
8/12/2021	0.0053			<0.002	0.0077
2/15/2022	0.0061	0.0046	0.0088	<0.002	0.0079
8/25/2022	0.0058	0.0046	0.0085	<0.002	0.0092

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		0.003 (O)	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<0.0025	<0.0025	<0.0025		
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/11/2012					<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	0.00261 (O)	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	0.00092 (J)	2.2E-05 (J)	8.4E-05 (J)		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	0.00076 (J)	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	0.00081 (J)	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	0.00061 (J)			<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<0.0025
4/4/2017	0.00084 (J)	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	0.0012 (J)	<0.0025	<0.0025	<0.0025	
6/21/2017					<0.0025
10/4/2017	0.00087 (J)			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	0.0018 (JD)	<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
10/2/2018	0.0011 (J)	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	0.0019 (J)	<0.0025	<0.0025	<0.0025	
3/27/2019					<0.0025
9/10/2019	0.0012 (J)	0.00031 (J)	0.00052 (J)	<0.0025	
9/11/2019					<0.0025
3/18/2020	0.0017 (J)	0.00034 (J)	<0.0025	0.00017 (J)	<0.0025
9/9/2020	0.0016 (J)	<0.0025	0.00019 (J)	<0.0025	<0.0025
4/1/2021	0.0024 (J)	0.00014 (J)	<0.0025	<0.0025	<0.0025
8/11/2021	0.0011 (J)	<0.0025	<0.0025		
8/18/2021				0.00025 (J)	
10/18/2021					<0.0025
2/15/2022	0.0029	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	0.0014 (J)	<0.0025			<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0004	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0004	<0.0025	<0.0025	
7/26/2010					<0.0025
7/27/2010	<0.0025	<0.0004			
7/28/2010				<0.0025	
7/29/2010			<0.0025		
9/7/2010					<0.0025
9/8/2010	<0.0025	<0.0004			
9/9/2010			<0.0025	<0.0025	
4/26/2011			<0.0025		
4/29/2011	<0.0025	<0.0004			<0.0025
4/30/2011				<0.0025	
10/27/2011	<0.0025				
10/28/2011		<0.0004	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0004		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<0.0004		<0.0025	
11/11/2012			<0.0025		
5/8/2013			<0.0025	<0.0025	<0.0025
5/9/2013	<0.0025	<0.0004			
11/5/2013				<0.0025	
11/6/2013	<0.0025	<0.0004			<0.0025
11/7/2013			<0.0025		
5/20/2014	<0.0025	<0.0004	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0004	<0.0025	<0.0025	
5/22/2015					0.0032 (O)
5/23/2015		<0.0004			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0004	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0004 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	0.0004 (J)	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	0.00042 (J)	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	0.00049 (J)			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0004	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0004			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0004			

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	0.0004 (J)		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	0.00041 (J)		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0004			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0004		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0004	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	0.00042 (J)	<0.0025	<0.0025	0.00023 (J)
3/18/2020	<0.0025	0.00013 (J)	<0.0025	<0.0025	0.00018 (J)
9/9/2020				<0.0025	0.00014 (J)
9/10/2020	0.00033 (J)	0.00057 (J)	<0.0025		
4/1/2021	<0.0025	0.00028 (J)		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	0.00033 (J)	<0.0025	<0.0025	0.00021 (J)
2/16/2022	<0.0025	0.00033 (J)	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025				<0.0025
8/26/2022		0.00033 (J)	<0.0025	<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				0.0034 (O)	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	0.0037 (O)	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	0.00012 (J)		
6/20/2016				0.0001 (J)	0.00016 (J)
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				0.00042 (J)	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					0.00068 (J)
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	0.0005 (J)	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	0.00042 (J)	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	0.00096 (J)
9/10/2019		0.00015 (J)		0.00028 (J)	<0.0025
9/12/2019	0.00021 (J)		0.00021 (J)		
3/18/2020		<0.0025		0.00014 (J)	
3/19/2020	0.00014 (J)		0.00026 (J)		0.00021 (J)
9/9/2020	<0.0025	<0.0025			
9/10/2020			0.00018 (J)	0.00023 (J)	0.00032 (J)
4/1/2021		<0.0025			
4/2/2021					0.00026 (J)
4/5/2021	<0.0025		<0.0025		
4/6/2021				0.00031 (J)	
8/11/2021	<0.0025		<0.0025		
8/12/2021		0.0002 (J)		0.00067 (J)	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		
8/25/2022	<0.0025		<0.0025	0.00046 (J)	<0.0025
8/26/2022		<0.0025			

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<0.0025		
6/19/2010				<0.0025	
7/27/2010	<0.0025	<0.0025			<0.0025
7/28/2010			<0.0025	<0.0025	
9/8/2010				<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	0.0063 (O)	
10/27/2011				<0.0025	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				0.0068 (O)	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	<0.0025	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				0.0046	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			<0.0025	
6/20/2016		3E-05 (J)	8.6E-05 (J)		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	0.00068 (J)	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	0.0009 (J)	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	0.0011 (J)	
6/21/2017	<0.0025	<0.0025		0.00064 (J)	<0.0025
6/22/2017			<0.0025		
8/15/2017				0.001 (J)	
9/1/2017				0.00089 (J)	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				0.00085 (J)	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0004 (o)	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	0.00048 (J)	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	0.0012 (J)	<0.0025
9/11/2019	9.9E-05 (J)	8.7E-05 (J)	0.00016 (J)	0.00085 (J)	0.00016 (J)
3/18/2020	<0.0025	<0.0025		0.0027	<0.0025
3/19/2020			0.00013 (J)		
9/9/2020	<0.0025			0.0043	0.00023 (J)
9/10/2020		<0.0025	0.00038 (J)		
4/1/2021	<0.0025		0.00015 (J)		0.00015 (J)
4/5/2021		0.00015 (J)		0.0026	
8/11/2021		<0.0025	<0.0025		
8/12/2021	<0.0025			0.0019 (J)	0.00013 (J)
2/15/2022	<0.0025	<0.0025	<0.0025	0.0037	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	0.0021 (J)	0.00053 (J)

Time Series

Constituent: Copper (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/10/2010					<0.002
5/11/2010				<0.002	
6/16/2010		<0.002	<0.002		<0.002
6/17/2010				<0.002	
6/18/2010	<0.002				
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	
7/28/2010	<0.002				<0.002
9/7/2010		<0.002	<0.002		
9/8/2010					<0.002
9/9/2010	<0.002			<0.002	
4/28/2011				<0.002	
4/29/2011		<0.002	<0.002		<0.002
4/30/2011	<0.002				
10/27/2011					<0.002
10/28/2011	<0.002	<0.002	<0.002		
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	
5/4/2012					<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	
11/11/2012					<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/21/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				<0.002
11/13/2014				<0.002	
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	
11/12/2015					<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	
4/13/2016					<0.002 (D)
10/4/2016	<0.002	<0.002		<0.002	
10/5/2016			<0.002		<0.002
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
10/4/2017	<0.002			<0.002	
10/5/2017		<0.002	<0.002		<0.002
3/20/2018	<0.002 (D)	<0.002	<0.002	<0.002	
3/21/2018					<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.002	<0.002	<0.002	<0.002	
3/27/2019					<0.002
9/10/2019	<0.002	0.00095 (J)	0.0012 (J)	<0.002	
9/11/2019					<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	0.00074 (J)	<0.002	<0.002	<0.002
8/11/2021	<0.002	<0.002	<0.002		
8/18/2021				0.0011 (J)	
10/18/2021					<0.002
2/15/2022	<0.002	<0.002	<0.002	0.0013 (J)	<0.002
8/24/2022			<0.002	<0.002	
8/25/2022	<0.002	<0.002			<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	<0.002	<0.002	
5/10/2010	<0.002				<0.002
6/16/2010	<0.002				0.0025 (J)
6/18/2010		<0.002	<0.002	<0.002	
7/26/2010					0.0023 (J)
7/27/2010	<0.002	<0.002			
7/28/2010				<0.002	
7/29/2010			<0.002		
9/7/2010					<0.002
9/8/2010	<0.002	<0.002			
9/9/2010			<0.002	<0.002	
4/26/2011			<0.002		
4/29/2011	<0.002	<0.002			<0.002
4/30/2011				<0.002	
10/27/2011	<0.002				
10/28/2011		<0.002	<0.002	<0.002	<0.002
5/2/2012					<0.002
5/3/2012		<0.002		0.0021 (J)	
5/4/2012	<0.002		0.0024 (J)		
11/9/2012					<0.002
11/10/2012	<0.002	<0.002		<0.002	
11/11/2012			<0.002		
5/8/2013			<0.002	<0.002	<0.002
5/9/2013	<0.002	<0.002			
11/5/2013				<0.002	
11/6/2013	<0.002	<0.002			<0.002
11/7/2013			<0.002		
5/20/2014	<0.002	<0.002	<0.002	<0.002	
5/23/2014					<0.002
11/8/2014					<0.002
11/12/2014	<0.002	<0.002	<0.002	<0.002	
5/22/2015					<0.002
5/23/2015		<0.002			
5/24/2015	<0.002		<0.002	<0.002	
11/10/2015					<0.002
11/11/2015				<0.002	
11/12/2015	<0.002	<0.002	<0.002		
4/11/2016					<0.002
4/13/2016	<0.002 (D)	<0.002 (D)	<0.002 (D)	<0.002 (D)	
10/4/2016				<0.002	
10/5/2016	<0.002	<0.002			<0.002
10/7/2016			<0.002		
4/5/2017		<0.002			
4/6/2017	<0.002		<0.002	<0.002	<0.002
10/5/2017	0.0021 (J)	<0.002		<0.002	<0.002
10/6/2017			<0.002		
3/20/2018				<0.002	<0.002
3/21/2018	<0.002	<0.002 (D)			
3/22/2018			<0.002		
10/2/2018	<0.002	<0.002		<0.002	<0.002
10/3/2018			<0.002		
3/26/2019		<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.002				
9/11/2019	<0.002	<0.002	<0.002	<0.002	0.00084 (J)
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020				<0.002	0.00084 (J)
9/10/2020	0.0007 (J)	<0.002	<0.002		
4/1/2021	<0.002	<0.002		<0.002	<0.002
4/6/2021			<0.002		
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002				<0.002
8/26/2022		<0.002	<0.002	<0.002	

Time Series

Constituent: Copper (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.002	<0.002	<0.002	0.003 (J)	<0.002
6/16/2010	<0.002				
6/17/2010			<0.002	<0.002	0.0022 (J)
6/19/2010		<0.002			
7/27/2010	<0.002	<0.002	0.0021 (J)		
7/28/2010				0.012 (O)	0.0033 (J)
9/7/2010	<0.002		<0.002	0.0026 (J)	
9/8/2010					<0.002
9/9/2010		<0.002			
4/28/2011		<0.002			0.0037 (J)
4/29/2011	<0.002		<0.002	<0.002	
10/28/2011	<0.002	<0.002	<0.002	<0.002	
10/29/2011					<0.002
5/2/2012	<0.002				
5/3/2012		<0.002	<0.002	<0.002	0.0031 (J)
11/9/2012	<0.002	<0.002		<0.002	
11/10/2012			<0.002		0.0021 (J)
5/9/2013	<0.002	<0.002	<0.002		
5/10/2013				0.0042 (J)	0.0025 (J)
11/5/2013		<0.002			
11/6/2013	<0.002		<0.002	<0.002	0.0032 (J)
5/22/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002				
11/9/2014			<0.002	<0.002	<0.002
11/13/2014		<0.002			
5/22/2015				<0.002	<0.002
5/23/2015	<0.002				
5/24/2015		<0.002	<0.002		
11/10/2015	<0.002	<0.002	<0.002	<0.002	
11/11/2015		<0.002			0.002 (J)
4/11/2016	<0.002				
4/12/2016		<0.002	<0.002	<0.002 (D)	<0.002
10/4/2016		<0.002			
10/5/2016	<0.002		<0.002	<0.002	
10/6/2016					0.0022 (J)
4/5/2017	<0.002				
4/6/2017		<0.002	<0.002	<0.002	<0.002
10/4/2017		<0.002			
10/5/2017	<0.002		<0.002	<0.002	
10/6/2017					<0.002
3/20/2018	<0.002	<0.002			
3/21/2018			<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002			
10/3/2018			<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	0.0039
9/10/2019		<0.002		0.0011 (J)	0.0017 (J)
3/18/2020		<0.002		<0.002	
3/19/2020	<0.002		<0.002		<0.002
9/9/2020	<0.002	<0.002			
9/10/2020			<0.002	0.00072 (J)	0.0011 (J)
4/1/2021		0.00069 (J)			
4/2/2021					0.0012 (J)

Time Series

Constituent: Copper (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/5/2021	<0.002		<0.002		
4/6/2021				0.00088 (J)	
8/11/2021	<0.002		<0.002		
8/12/2021		0.00078 (J)		0.0019 (J)	<0.002
2/15/2022		0.0013 (J)		0.0013 (J)	0.0011 (J)
2/16/2022	<0.002		<0.002		
8/25/2022	<0.002		<0.002	0.0013 (J)	<0.002
8/26/2022		<0.002			

Time Series

Constituent: Copper (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.002	0.0036 (J)	<0.002
5/11/2010	<0.002	<0.002			
6/16/2010					<0.002
6/18/2010	<0.002	0.0026 (J)	0.008 (O)		
6/19/2010				0.004 (J)	
7/27/2010	<0.002	0.0029 (J)			<0.002
7/28/2010			0.0021 (J)	0.013	
9/8/2010				0.068	<0.002
9/9/2010	<0.002	<0.002	<0.002		
4/29/2011	<0.002				<0.002
4/30/2011		<0.002	<0.002	0.098	
10/27/2011				0.02	<0.002
10/28/2011	<0.002				
10/29/2011		<0.002	<0.002		
5/3/2012					0.0023
5/4/2012	<0.002	0.0037 (J)	<0.002	0.024	
11/10/2012	<0.002	<0.002	<0.002		
11/11/2012				0.032	<0.002
5/9/2013	<0.002	<0.002	<0.002		<0.002
5/10/2013				0.18	
11/6/2013	<0.002				<0.002
11/7/2013		<0.002	0.0022 (J)	0.021	
5/21/2014		<0.002	<0.002	0.0089 (J)	<0.002
5/22/2014	<0.002				
11/9/2014	<0.002	<0.002			
11/12/2014			<0.002		<0.002
11/13/2014				0.1	
5/23/2015				0.048	<0.002
5/24/2015	<0.002	<0.002	0.0022 (J)		
11/11/2015	<0.002	<0.002	<0.002	0.059	
11/12/2015					<0.002
4/12/2016		<0.002			
4/13/2016			<0.002 (D)		<0.002 (D)
4/19/2016	<0.002			0.0131 (J)	
10/6/2016	<0.002	<0.002	<0.002		<0.002
10/10/2016				0.0046	
4/6/2017	<0.002	<0.002			<0.002
4/7/2017			<0.002	<0.002	
10/5/2017	<0.002				<0.002
10/6/2017		<0.002	0.0026		
10/9/2017				<0.002	
3/21/2018		<0.002			0.0038
3/22/2018	<0.002		<0.002	<0.002	
10/2/2018					<0.002
10/3/2018	<0.002	<0.002			
10/4/2018			<0.002	<0.002	
3/26/2019		<0.002			
3/27/2019	<0.002		<0.002	<0.002	<0.002
9/11/2019	<0.002	0.00066 (J)	0.00086 (J)	<0.002	<0.002
3/18/2020	<0.002	<0.002		<0.002	<0.002
3/19/2020			<0.002		
9/9/2020	<0.002			<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.002	0.0024		
4/1/2021	<0.002		0.00094 (J)		<0.002
4/5/2021		<0.002		<0.002	
8/11/2021		<0.002	<0.002		
8/12/2021	<0.002			<0.002	<0.002
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002	<0.002	<0.002	<0.002	0.0017 (J)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/9/2023 11:25 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	0.017 (J)	0.048 (J)	0.039 (J)		
4/12/2016				0.087 (J)	
4/13/2016					0.082 (JD)
6/15/2016	<0.1	<0.082	<0.082		
6/16/2016				0.04 (J)	
6/21/2016					0.02 (J)
8/10/2016	<0.1	<0.082	<0.082		
8/11/2016				0.092 (J)	
8/15/2016					<0.082
10/4/2016	<0.1	<0.082		<0.082	
10/5/2016			<0.082		<0.082
11/29/2016		<0.082	<0.082		
11/30/2016	<0.1			0.091 (J)	
12/1/2016					<0.082
2/7/2017	<0.1	<0.082	<0.082	<0.082	
2/8/2017					<0.082
4/4/2017	<0.1	<0.082	<0.082		
4/5/2017				<0.082	
4/6/2017					<0.082
6/20/2017	<0.1	<0.082	<0.082	0.082 (J)	
6/21/2017					<0.082
10/4/2017	<0.1			<0.082	
10/5/2017		<0.082	<0.082		<0.082
3/20/2018	<0.1 (D)	<0.082	<0.082	<0.082	
3/21/2018					<0.082
10/2/2018	<0.1	<0.082	<0.082	0.089 (J)	<0.082
3/26/2019	<0.1	0.041 (J)	0.042 (J)	0.072 (J)	
3/27/2019					0.077 (J)
9/10/2019	<0.1	0.047 (J)	0.046 (J)	0.077 (J)	
9/11/2019					0.067 (J)
3/18/2020	0.036 (J)	0.041 (J)	0.071 (J)	0.098 (J)	0.088 (J)
9/9/2020	<0.1	0.034 (J)	0.036 (J)	0.069 (J)	0.055 (J)
4/1/2021	<0.1	0.035 (J)	0.042 (J)	0.081 (J)	0.086 (J)
8/11/2021	0.036 (J)	0.05 (J)	0.053 (J)		
8/17/2021					0.083 (J)
10/18/2021				0.081 (J)	
2/15/2022	0.054 (J)	0.079 (J)	0.083 (J)	0.12	0.099 (J)
5/12/2022				0.048 (J,R)	
8/24/2022			0.047 (J)	0.075 (J)	
8/25/2022	<0.1	0.047 (J)			0.065 (J)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/9/2023 11:25 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					0.047 (J)
4/13/2016	0.061 (JD)	0.01 (JD)	0.039 (JD)	0.027 (JD)	
6/16/2016					<0.1
6/21/2016	0.03 (J)	<0.1	<0.1	<0.1	
8/11/2016					<0.1
8/15/2016	<0.1	<0.1	<0.1	<0.1	
10/4/2016				<0.1	
10/5/2016	<0.1	<0.1			<0.1
10/7/2016			<0.1		
11/29/2016					<0.1
12/1/2016	<0.1	<0.1	<0.1	<0.1	
2/7/2017				<0.1	
2/8/2017	<0.1	<0.1			<0.1
2/9/2017			<0.1		
4/5/2017		<0.1			
4/6/2017	<0.1		<0.1	<0.1	<0.1
6/20/2017	<0.1	<0.1		<0.1	
6/21/2017					<0.1
6/22/2017			<0.1		
10/5/2017	<0.1	<0.1		<0.1	<0.1
10/6/2017			<0.1		
3/20/2018				<0.1	<0.1
3/21/2018	<0.1	<0.1 (D)			
3/22/2018			<0.1		
10/2/2018	<0.1	<0.1		<0.1	<0.1
10/3/2018			<0.1		
3/26/2019		0.026 (J)	0.04 (J)	0.034 (J)	0.046 (J)
3/27/2019	0.048 (J)				
9/11/2019	0.054 (J)	0.039 (J)	0.051 (J)	0.045 (J)	0.055 (J)
3/18/2020	0.064 (J)	0.046 (J)	0.055 (J)	0.068 (J)	<0.1
9/9/2020				<0.1	0.045 (J)
9/10/2020	0.052 (J)	<0.1	0.034 (J)		
4/1/2021	0.042 (J)	<0.1		<0.1	0.041 (J)
4/6/2021			0.026 (J)		
8/11/2021	0.051 (J)	0.029 (J)	0.045 (J)	0.045 (J)	0.062 (J)
2/16/2022	<0.1	<0.1	<0.1	<0.1	0.034 (J)
8/25/2022	0.059 (J)				0.047 (J)
8/26/2022		0.026 (J)	0.055 (J)	0.068 (J)	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	0.048 (J)				
4/12/2016		0.046 (J)	0.056 (J)	0.057 (JD)	0.121 (J)
6/16/2016	<0.1	<0.082	<0.1		
6/20/2016				0.04 (J)	0.04 (J)
8/11/2016	<0.1	<0.082	<0.1		
8/16/2016				<0.082	0.13 (J)
10/4/2016		<0.082			
10/5/2016	<0.1		<0.1	<0.082	
10/6/2016					0.1 (J)
11/29/2016	<0.1				
11/30/2016		<0.082	<0.1	<0.082	0.13 (J)
2/7/2017		<0.082			
2/8/2017	<0.1		<0.1	<0.082	0.093 (J)
4/5/2017	<0.1				
4/6/2017		<0.082	<0.1	<0.082	0.1 (J)
6/20/2017		<0.082			
6/21/2017	<0.1		<0.1	<0.082	
6/22/2017					0.11 (J)
10/4/2017		<0.082			
10/5/2017	<0.1		<0.1	<0.082	
10/6/2017					0.096 (J)
3/20/2018	<0.1	<0.082			
3/21/2018			<0.1	<0.082	0.094 (J)
10/2/2018	<0.1	<0.082			
10/3/2018			<0.1	<0.082	0.1 (J+X)
3/26/2019	0.04 (J)	0.046 (J)	0.045 (J)	0.046 (J)	0.087 (J)
9/10/2019		0.048 (J)		0.058 (J)	0.097 (J)
9/12/2019	0.032 (J)		0.044 (J)		
3/18/2020		0.055 (J)		0.091 (J)	
3/19/2020	<0.1		<0.1		0.038 (J)
9/9/2020	0.034 (J)	0.033 (J)			
9/10/2020			0.051 (J)	0.063 (J)	0.1
4/1/2021		0.043 (J)			
4/2/2021					0.097 (J)
4/6/2021				0.045 (J)	
6/1/2021	0.026 (J)		0.033 (J)		
8/11/2021	0.047 (J)		0.051 (J)		
8/12/2021		0.054 (J)		0.084 (J)	0.11
2/15/2022		0.072 (J)		0.092 (J)	0.13
2/16/2022	0.028 (J)		<0.1		
8/25/2022	0.042 (J)		0.05 (J)	0.059 (J)	0.077 (J)
8/26/2022		0.048 (J)			

Time Series

Constituent: Fluoride (mg/L) Analysis Run 1/9/2023 11:25 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		0.061 (J)			
4/13/2016			0.061 (JD)		0.083 (JD)
4/19/2016	0.024 (J)			0.135 (J)	
6/20/2016		<0.082	0.12 (J)		
6/22/2016	<0.082				0.03 (J)
8/15/2016			<0.1		<0.082
8/16/2016	<0.082	<0.082			
10/6/2016	<0.082	<0.082	<0.1		<0.082
10/10/2016				0.12 (J)	
11/30/2016		<0.082			
12/1/2016	<0.082		<0.1	0.12 (J)	<0.082
2/8/2017					<0.082
2/9/2017	<0.082	<0.082	<0.1	0.11 (J)	
4/6/2017	<0.082	<0.082			<0.082
4/7/2017			<0.1	0.15 (J)	
6/21/2017	<0.082	<0.082		0.21	<0.082
6/22/2017			<0.1		
8/15/2017				0.1 (J)	
9/1/2017				0.084 (J)	
10/5/2017	<0.082				0.084 (J)
10/6/2017		<0.082	<0.1		
3/21/2018		<0.082			<0.082
3/22/2018	<0.082		<0.1	0.091 (J)	
10/2/2018					<0.082
10/3/2018	<0.082	<0.082			
10/4/2018			<0.1	0.14 (J+X)	
3/26/2019		0.058 (J)			
3/27/2019	0.038 (J)		0.04 (J)	0.071 (J)	0.066 (J)
9/11/2019	0.045 (J)	0.058 (J)	0.057 (J)	0.071 (J)	0.067 (J)
3/18/2020	0.055 (J)	0.082 (J)		0.073 (J)	0.096 (J)
3/19/2020			<0.1		
9/9/2020	0.033 (J)			0.038 (J)	0.067 (J)
9/10/2020		0.052 (J)	0.053 (J)		
4/1/2021	0.029 (J)		0.072 (J)		0.072 (J)
6/1/2021				0.034 (J)	
6/2/2021		0.038 (J)			
8/11/2021		0.055 (J)	0.058 (J)		
8/12/2021	0.045 (J)			0.087 (J)	0.085 (J)
2/15/2022	0.16	0.095 (J)	0.083 (J)	0.096 (J)	0.096 (J)
5/12/2022	0.03 (J,R)				
8/25/2022	0.047 (J)	0.058 (J)	0.051 (J)	0.059 (J)	0.064 (J)

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	0.0021 (J)			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		0.0028 (J)	0.0021 (J)		0.002 (J)
6/17/2010				0.0026 (J)	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				0.0036 (J)	
4/29/2011		0.0032 (J)	0.0024 (J)		0.003 (J)
4/30/2011	<0.001				
10/27/2011					0.0027 (J)
10/28/2011	<0.001	0.0025 (J)	0.002 (J)		
10/29/2011				0.0038 (J)	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	0.0024 (J)	<0.001	0.0024 (J)	
11/11/2012					0.0022 (J)
5/8/2013	<0.001	0.0051	0.0034 (J)		
5/9/2013				0.0085	0.007
11/5/2013	<0.001			0.0042 (J)	0.0048 (J)
11/6/2013		0.0033 (J)	0.0028 (J)		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				0.002 (J)
11/13/2014				<0.001	
5/22/2015	<0.001	0.0036 (J)	0.0032 (J)		
5/23/2015				0.0044 (J)	0.0035 (J)
11/9/2015		0.0039 (J)	<0.001		
11/11/2015	<0.001			0.0042 (J)	
11/12/2015					0.0032 (J)
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		<0.001	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	
6/21/2017					<0.001
10/4/2017	<0.001			0.00067 (J)	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	0.00016 (J)	0.00022 (J)	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00023 (J)	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/18/2021				<0.001	
10/18/2021					<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			<0.001

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				0.0023 (J)
6/18/2010		<0.001	0.0021	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	0.0032 (J)	<0.001			0.0033 (J)
4/30/2011				<0.001	
10/27/2011	0.0027 (J)				
10/28/2011		<0.001	<0.001	<0.001	0.0023 (J)
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	0.0025 (J)	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			0.0036	0.0024	0.0052
5/9/2013	0.0051	<0.001			
11/5/2013				0.0028	
11/6/2013	0.0037 (J)	<0.001			0.003 (J)
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					0.0023 (J)
5/23/2015		<0.001			
5/24/2015	0.0037 (J)		<0.001	<0.001	
11/10/2015					0.0025 (J)
11/11/2015				<0.001	
11/12/2015	0.0038 (J)	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<0.001	<0.001	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
11/29/2016					<0.001
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			0.00061 (J)		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	0.0017	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	0.00014 (J)	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001				<0.001
8/26/2022		<0.001	<0.001	<0.001	

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	0.0026 (J)	0.011	<0.001
6/16/2010	0.0022 (J)				
6/17/2010			0.0021 (J)	0.0027 (J)	<0.001
6/19/2010		0.003 (J)			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					0.002 (J)
9/9/2010		<0.001			
4/28/2011		0.0037 (J)			0.0042 (J)
4/29/2011	0.0029 (J)		0.0032 (J)	0.0038 (J)	
10/28/2011	0.0021 (J)	0.003 (J)	0.0025 (J)	<0.001	
10/29/2011					0.0036 (J)
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	0.002 (J)	0.003 (J)		0.0029 (J)	
11/10/2012			<0.001		0.0023 (J)
5/9/2013	0.0056	0.0063	0.0056		
5/10/2013				0.0061	0.0062
11/5/2013		0.0043 (J)			
11/6/2013	0.0035 (J)		0.0032 (J)	0.0025 (J)	0.0043 (J)
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		0.0021 (J)			
5/22/2015				0.0034 (J)	0.0046 (J)
5/23/2015	0.0047 (J)				
5/24/2015		0.0043 (J)	0.0044 (J)		
11/10/2015	0.0044 (J)		0.0038 (J)	0.0021 (J)	
11/11/2015		0.0032 (J)			0.0028 (J)
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	<0.001	<0.001	<0.001		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				<0.001	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<0.001
4/5/2017	0.0009 (J)				
4/6/2017		<0.001	<0.001	<0.001	<0.001
6/20/2017		<0.001			
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017					<0.001
10/4/2017		<0.001			
10/5/2017	0.0015		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	0.00037 (J)	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		0.00014 (J)		<0.001	
3/19/2020	<0.001		<0.001		0.00019 (J)
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	0.00014 (J)		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		0.00014 (J)	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		
8/25/2022	<0.001		<0.001	<0.001	<0.001
8/26/2022		<0.001			

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					0.003 (J)
6/18/2010	0.0024	<0.001	0.0027 (J)		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				0.0023 (J)	<0.001
9/9/2010	<0.001	<0.001	0.002 (J)		
4/29/2011	0.0028				0.0039 (J)
4/30/2011		0.0034 (J)	0.0037 (J)	0.011 (O)	
10/27/2011				0.0055	0.0043 (J)
10/28/2011	<0.001				
10/29/2011		0.0041 (J)	0.0025 (J)		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	0.0029 (J)	
11/10/2012	<0.001	0.0023 (J)	0.003 (J)		
11/11/2012				0.0052	0.0025 (J)
5/9/2013	0.0061	0.0067	0.0064		0.0067
5/10/2013				0.023 (O)	
11/6/2013	0.0034				0.0069
11/7/2013		0.0048 (J)	0.0037 (J)	0.0083	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		0.002 (J)
11/13/2014				0.0085	
5/23/2015				0.0077	0.003 (J)
5/24/2015	0.0093 (O)	0.0045 (J)	0.0053 (J)		
11/11/2015	0.0071	0.0048 (J)	0.0022 (J)	0.008	
11/12/2015					0.0044 (J)
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		<0.001	<0.001		
6/22/2016	<0.001				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	0.00047 (J)	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	0.0012 (J)	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		<0.001	<0.001
6/22/2017			<0.001		
8/15/2017				<0.001	
9/1/2017				<0.001	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001
9/10/2020		<0.001	0.00017 (J)		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		0.00034 (J)	
8/11/2021		<0.001	0.00014 (J)		
8/12/2021	<0.001			<0.001	<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0002		
5/9/2010	<0.0002	<0.0002			
5/10/2010					<0.0002
5/11/2010				<0.0002	
6/16/2010		<0.0002	<0.0002		<0.0002
6/17/2010				<0.0002	
6/18/2010	<0.0002				
7/26/2010			<0.0002		
7/27/2010		<0.0002		<0.0002	
7/28/2010	<0.0002				<0.0002
9/7/2010		7.4E-05 (J)	7.8E-05 (J)		
9/8/2010					8.8E-05 (J)
9/9/2010	<0.0002			<0.0002	
4/28/2011				<0.0002	
4/29/2011		<0.0002	<0.0002		<0.0002
4/30/2011	<0.0002				
10/27/2011					<0.0002
10/28/2011	<0.0002	<0.0002	<0.0002		
10/29/2011				<0.0002	
5/2/2012	<0.0002	<0.0002	<0.0002		
5/3/2012				<0.0002	
5/4/2012					<0.0002
11/9/2012	<0.0002	<0.0002	<0.0002	<0.0002	
11/11/2012					<0.0002
5/8/2013	7E-05 (J)	8E-05 (J)	<0.0002		
5/9/2013				<0.0002	<0.0002
11/5/2013	<0.0002			7.3E-05 (J)	0.00011 (J)
11/6/2013		0.00014	0.00011		
5/20/2014	<0.0002	<0.0002	<0.0002		
5/21/2014					<0.0002
5/23/2014				<0.0002	
11/8/2014		<0.0002	<0.0002		
11/12/2014	<0.0002				<0.0002
11/13/2014				<0.0002	
5/22/2015	7.2E-05 (J)	<0.0002	7.1E-05 (J)		
5/23/2015				<0.0002	<0.0002
11/9/2015		<0.0002	<0.0002		
11/11/2015	<0.0002			<0.0002	
11/12/2015					<0.0002
4/6/2016	<0.0002	<0.0002	<0.0002		
4/12/2016				<0.0002	
4/13/2016					<0.0002 (D)
6/15/2016	<0.0002	<0.0002	<0.0002		
6/16/2016				<0.0002	
6/21/2016					<0.0002
8/10/2016	<0.0002	<0.0002	<0.0002		
8/11/2016				<0.0002	
8/15/2016					<0.0002
10/4/2016	<0.0002	<0.0002		<0.0002	
10/5/2016			<0.0002		<0.0002
11/29/2016		<0.0002	<0.0002		
11/30/2016	<0.0002			<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0002
2/7/2017	<0.0002	<0.0002	<0.0002	7E-05 (J)	
2/8/2017					7.6E-05 (J)
4/4/2017	<0.0002	<0.0002	<0.0002		
4/5/2017				<0.0002	
4/6/2017					<0.0002
6/20/2017	<0.0002	<0.0002	<0.0002	<0.0002	
6/21/2017					<0.0002
10/4/2017	<0.0002			<0.0002	
10/5/2017		<0.0002	<0.0002		<0.0002
3/20/2018	<0.0002 (XD)	<0.0002	<0.0002 (X)	<0.0002 (X)	
3/21/2018					<0.0002
10/2/2018	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	
3/27/2019					<0.0002
9/10/2019	<0.0002	<0.0002	<0.0002	<0.0002	
9/11/2019					<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/1/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/11/2021	<0.0002	<0.0002	<0.0002		
8/17/2021					<0.0002
8/18/2021				<0.0002	
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/24/2022			<0.0002	<0.0002	
8/25/2022	<0.0002	<0.0002			<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0002	8.2E-05 (J)	9.1E-05 (J)	
5/10/2010	<0.0002				<0.0002
6/16/2010	<0.0002				<0.0002
6/18/2010		<0.0002	<0.0002	<0.0002	
7/26/2010					<0.0002
7/27/2010	<0.0002	<0.0002			
7/28/2010				<0.0002	
7/29/2010			<0.0002		
9/7/2010					<0.0002
9/8/2010	<0.0002	<0.0002			
9/9/2010			<0.0002	<0.0002	
4/26/2011			<0.0002		
4/29/2011	<0.0002	<0.0002			<0.0002
4/30/2011				<0.0002	
10/27/2011	<0.0002				
10/28/2011		<0.0002	<0.0002	<0.0002	<0.0002
5/2/2012					<0.0002
5/3/2012		<0.0002		<0.0002	
5/4/2012	<0.0002		<0.0002		
11/9/2012					<0.0002
11/10/2012	<0.0002	<0.0002		<0.0002	
11/11/2012			<0.0002		
5/8/2013			<0.0002	<0.0002	<0.0002
5/9/2013	0.00019	<0.0002			
11/5/2013				0.00016	
11/6/2013	0.00014	<0.0002			<0.0002
11/7/2013			0.0001		
5/20/2014	<0.0002	<0.0002	<0.0002	<0.0002	
5/23/2014					<0.0002
11/8/2014					<0.0002
11/12/2014	<0.0002	<0.0002	<0.0002	<0.0002	
5/22/2015					<0.0002
5/23/2015		<0.0002			
5/24/2015	<0.0002		<0.0002	<0.0002	
11/10/2015					<0.0002
11/11/2015				<0.0002	
11/12/2015	<0.0002	<0.0002	<0.0002		
4/11/2016					<0.0002
4/13/2016	<0.0002 (D)	<0.0002 (D)	<0.0002 (D)	<0.0002 (D)	
6/16/2016					<0.0002
6/21/2016	<0.0002	<0.0002	<0.0002	<0.0002	
8/11/2016					<0.0002
8/15/2016	<0.0002	<0.0002	<0.0002	<0.0002	
10/4/2016				<0.0002	
10/5/2016	<0.0002	<0.0002			<0.0002
10/7/2016			<0.0002		
11/29/2016					<0.0002
12/1/2016	<0.0002	<0.0002	<0.0002	<0.0002	
2/7/2017				<0.0002	
2/8/2017	<0.0002	<0.0002			8.9E-05
2/9/2017			<0.0002		
4/5/2017		<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0002		<0.0002	<0.0002	<0.0002
6/20/2017	<0.0002	<0.0002		<0.0002	
6/21/2017					<0.0002
6/22/2017			<0.0002		
10/5/2017	<0.0002	<0.0002		<0.0002	<0.0002
10/6/2017			<0.0002		
3/20/2018				<0.0002	<0.0002
3/21/2018	<0.0002	<0.0002 (D)			
3/22/2018			<0.0002 (X)		
10/2/2018	<0.0002 (X)	<0.0002 (X)		<0.0002 (X)	<0.0002 (X)
10/3/2018			<0.0002 (X)		
3/26/2019		<0.0002	<0.0002	<0.0002	<0.0002
3/27/2019	<0.0002				
9/11/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020				<0.0002	<0.0002
9/10/2020	<0.0002	<0.0002	<0.0002		
4/1/2021	<0.0002	<0.0002		<0.0002	<0.0002
4/6/2021			<0.0002		
8/11/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/16/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/25/2022	<0.0002				<0.0002
8/26/2022		<0.0002	<0.0002	<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0002	<0.0002	8.5E-05	<0.0002	<0.0002
6/16/2010	<0.0002				
6/17/2010			<0.0002	<0.0002	<0.0002
6/19/2010		<0.0002			
7/27/2010	<0.0002	<0.0002	<0.0002		
7/28/2010				<0.0002	<0.0002
9/7/2010	0.00011		0.0001	0.00012	
9/8/2010					<0.0002
9/9/2010		9.3E-05			
4/28/2011		<0.0002			<0.0002
4/29/2011	<0.0002		<0.0002	<0.0002	
10/28/2011	<0.0002	<0.0002	<0.0002	<0.0002	
10/29/2011					<0.0002
5/2/2012	<0.0002				
5/3/2012		<0.0002	<0.0002	<0.0002	<0.0002
11/9/2012	<0.0002	<0.0002		<0.0002	
11/10/2012			<0.0002		<0.0002
5/9/2013	<0.0002	<0.0002	<0.0002		
5/10/2013				0.00014	0.00012
11/5/2013		0.00011			
11/6/2013	<0.0002		<0.0002	0.00014	<0.0002
5/22/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/8/2014	<0.0002				
11/9/2014			<0.0002	<0.0002	<0.0002
11/13/2014		<0.0002			
5/22/2015				<0.0002	<0.0002
5/23/2015	<0.0002				
5/24/2015		<0.0002	<0.0002		
11/10/2015	<0.0002		<0.0002	<0.0002	
11/11/2015		<0.0002			<0.0002
4/11/2016	<0.0002				
4/12/2016		<0.0002	<0.0002	<0.0002 (D)	<0.0002
6/16/2016	<0.0002	<0.0002	<0.0002		
6/20/2016				<0.0002	<0.0002
8/11/2016	<0.0002	<0.0002	<0.0002		
8/12/2016				<0.0002	<0.0002
10/4/2016		<0.0002			
10/5/2016	<0.0002		<0.0002	<0.0002	
10/6/2016					<0.0002
11/29/2016	<0.0002				
11/30/2016		<0.0002	<0.0002	<0.0002	<0.0002
2/7/2017		<0.0002			
2/8/2017	7.6E-05 (J)		7.5E-05 (J)	<0.0002	<0.0002
4/5/2017	<0.0002				
4/6/2017		<0.0002	<0.0002	<0.0002	<0.0002
6/20/2017		<0.0002			
6/21/2017	<0.0002		<0.0002	<0.0002	
6/22/2017					<0.0002
10/4/2017		<0.0002			
10/5/2017	<0.0002		<0.0002	<0.0002	
10/6/2017					<0.0002
3/20/2018	<0.0002 (X)	<0.0002 (X)			

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0002	<0.0002	<0.0002 (X)
10/2/2018	<0.0002 (X)	<0.0002			
10/3/2018			<0.0002 (X)	<0.0002 (X)	<0.0002 (X)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2019		<0.0002		<0.0002	<0.0002
9/12/2019	<0.0002		<0.0002		
3/18/2020		<0.0002		<0.0002	
3/19/2020	<0.0002		<0.0002		<0.0002
9/9/2020	<0.0002	<0.0002			
9/10/2020			<0.0002	<0.0002	<0.0002
4/1/2021		<0.0002			
4/2/2021					<0.0002
4/6/2021				<0.0002	
6/1/2021	<0.0002		<0.0002		
8/11/2021	<0.0002		<0.0002		
8/12/2021		<0.0002		<0.0002	<0.0002
2/15/2022		<0.0002		<0.0002	<0.0002
2/16/2022	<0.0002		0.00015 (J)		
8/25/2022	<0.0002		<0.0002	<0.0002	<0.0002
8/26/2022		<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0002	<0.0002	<0.0002
5/11/2010	<0.0002	<0.0002			
6/16/2010					<0.0002
6/18/2010	<0.0002	<0.0002	<0.0002		
6/19/2010				<0.0002	
7/27/2010	<0.0002	<0.0002			<0.0002
7/28/2010			<0.0002	<0.0002	
9/8/2010				0.00011 (J)	<0.0002
9/9/2010	<0.0002	0.00017	<0.0002		
4/29/2011	<0.0002				<0.0002
4/30/2011		<0.0002	<0.0002	<0.0002	
10/27/2011				<0.0002	<0.0002
10/28/2011	<0.0002				
10/29/2011		<0.0002	7E-05 (J)		
5/3/2012					<0.0002
5/4/2012	<0.0002	<0.0002	<0.0002	<0.0002	
11/10/2012	<0.0002	<0.0002	<0.0002		
11/11/2012				<0.0002	<0.0002
5/9/2013	0.00016	0.00014	<0.0002		<0.0002
5/10/2013				0.00014	
11/6/2013	<0.0002				8.8E-05
11/7/2013		0.00011	0.00016	0.00019	
5/21/2014		<0.0002	<0.0002	<0.0002	<0.0002
5/22/2014	<0.0002				
11/9/2014	<0.0002	<0.0002			
11/12/2014			<0.0002		<0.0002
11/13/2014				<0.0002	
5/23/2015				<0.0002	<0.0002
5/24/2015	<0.0002	<0.0002	<0.0002		
11/11/2015	<0.0002	<0.0002	<0.0002	<0.0002	
11/12/2015					<0.0002
4/12/2016		<0.0002			
4/13/2016			<0.0002 (D)		<0.0002 (D)
4/19/2016	<0.0002			<0.0002	
6/20/2016		<0.0002	<0.0002		
6/22/2016	<0.0002				<0.0002
8/12/2016		<0.0002			
8/15/2016			<0.0002		<0.0002
8/16/2016	<0.0002				
10/6/2016	<0.0002	<0.0002	<0.0002		<0.0002
10/10/2016				0.000155 (D)	
11/30/2016		<0.0002			
12/1/2016	<0.0002		<0.0002	<0.0002	<0.0002
2/8/2017					<0.0002
2/9/2017	<0.0002	<0.0002	<0.0002	<0.0002	
4/6/2017	<0.0002	<0.0002			<0.0002
4/7/2017			<0.0002	<0.0002	
6/21/2017	<0.0002	<0.0002		<0.0002	<0.0002
6/22/2017			<0.0002		
8/15/2017				<0.0002	
9/1/2017				<0.0002	
10/5/2017	<0.0002				<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0002	<0.0002		
10/9/2017				8.9E-05 (J)	
3/21/2018		<0.0002 (X)			<0.0002
3/22/2018	<0.0002 (X)		<0.0002 (X)	<0.0002 (X)	
10/2/2018					<0.0002 (X)
10/3/2018	<0.0002 (X)	<0.0002 (X)			
10/4/2018			<0.0002 (X)	<0.0002	
3/26/2019		<0.0002			
3/27/2019	<0.0002		<0.0002	<0.0002	<0.0002
9/11/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002		<0.0002	<0.0002
3/19/2020			0.00011 (J)		
9/9/2020	<0.0002			<0.0002	<0.0002
9/10/2020		<0.0002	<0.0002		
4/1/2021	<0.0002		<0.0002		<0.0002
6/1/2021				<0.0002	
6/2/2021		<0.0002			
8/11/2021		<0.0002	<0.0002		
8/12/2021	<0.0002			<0.0002	<0.0002
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Nickel (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.0018	<0.001			
5/10/2010					<0.0018
5/11/2010				<0.0018	
6/16/2010		<0.001	<0.001		<0.0018
6/17/2010				<0.0018	
6/18/2010	<0.0018				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.0018	
7/28/2010	<0.0018				<0.0018
9/7/2010		<0.001	<0.001		
9/8/2010					<0.0018
9/9/2010	<0.0018			<0.0018	
4/28/2011				0.0086 (O)	
4/29/2011		<0.001	<0.001		<0.0018
4/30/2011	<0.0018				
10/27/2011					<0.0018
10/28/2011	<0.0018	<0.001	<0.001		
10/29/2011				<0.0018	
5/2/2012	<0.0018	<0.001	<0.001		
5/3/2012				<0.0018	
5/4/2012					<0.0018
11/9/2012	<0.0018	<0.001	<0.001	<0.0018	
11/11/2012					<0.0018
5/8/2013	<0.0018	<0.001	<0.001		
5/9/2013				<0.0018	<0.0018
11/5/2013	<0.0018			<0.0018	<0.0018
11/6/2013		<0.001	<0.001		
5/20/2014	<0.0018	<0.001	<0.001		
5/21/2014					<0.0018
5/23/2014				<0.0018	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.0018				<0.0018
11/13/2014				<0.0018	
5/22/2015	<0.0018	<0.001	<0.001		
5/23/2015				<0.0018	<0.0018
11/9/2015		<0.001	<0.001		
11/11/2015	<0.0018			<0.0018	
11/12/2015					<0.0018
4/6/2016	0.00202 (J)	<0.001	<0.001		
4/12/2016				<0.0018	
4/13/2016					0.00271
10/4/2016	<0.0018	<0.001		<0.0018	
10/5/2016			<0.001		<0.0018
4/4/2017	<0.0018	<0.001	<0.001		
4/5/2017				<0.0018	
4/6/2017					<0.0018
10/4/2017	<0.0018			<0.0018	
10/5/2017		<0.001	<0.001		<0.0018
3/20/2018	<0.0018 (D)	0.04 (O)	<0.001	<0.0018	
3/21/2018					<0.0018
10/2/2018	<0.0018	<0.001	<0.001	<0.0018	0.0018 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.0018	<0.001	<0.001	<0.0018	
3/27/2019					<0.0018
9/10/2019	0.00081 (J)	0.00037 (J)	0.0012	0.00065 (J)	
9/11/2019					0.0016
3/18/2020	0.00043 (J)	<0.001	<0.001	0.00056 (J)	0.0016
9/9/2020	0.00069 (J)	<0.001	0.00048 (J)	0.00047 (J)	0.0021
4/1/2021	0.00049 (J)	<0.001	0.0004 (J)	0.00073 (J)	0.0012
8/11/2021	0.00051 (J)	<0.001	<0.001		
8/18/2021				0.0017	
10/18/2021					0.002
2/15/2022	0.00065 (J)	<0.001	<0.001	0.00052 (J)	0.0022
8/24/2022			0.00082 (J)	0.00086 (J)	
8/25/2022	0.001	<0.001			0.003
12/28/2022					0.0017

Time Series

Constituent: Nickel (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0018	<0.001	<0.001	
5/10/2010	<0.0018				<0.001
6/16/2010	<0.0018				<0.001
6/18/2010		<0.0018	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.0018	<0.0018			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.0018	<0.0018			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.0018	<0.0018			<0.001
4/30/2011				<0.001	
10/27/2011	<0.0018				
10/28/2011		<0.0018	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.0018		<0.001	
5/4/2012	<0.0018		<0.001		
11/9/2012					<0.001
11/10/2012	<0.0018	<0.0018		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.0018	<0.0018			
11/5/2013				<0.001	
11/6/2013	<0.0018	<0.0018			<0.001
11/7/2013			<0.001		
5/20/2014	<0.0018	<0.0018	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.0018	<0.0018	<0.001	<0.001	
5/22/2015					0.0045 (O)
5/23/2015		<0.0018			
5/24/2015	<0.0018		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.0018	<0.0018	<0.001		
4/11/2016					<0.001
4/13/2016	<0.0018 (D)	<0.0018 (D)	<0.001 (D)	<0.001 (D)	
10/4/2016				<0.001	
10/5/2016	<0.0018	<0.0018			<0.001
10/7/2016			<0.001		
4/5/2017		<0.0018			
4/6/2017	<0.0018		<0.001	<0.001	<0.001
10/5/2017	<0.0018	<0.0018		<0.001	<0.001
10/6/2017			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.0018	<0.0018 (D)			
3/22/2018			<0.001		
10/2/2018	<0.0018	<0.0018		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.0018	<0.001	<0.001	<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.0018				
9/11/2019	0.00066 (J)	0.00084 (J)	0.00039 (J)	<0.001	0.00048 (J)
3/18/2020	0.0005 (J)	0.0006 (J)	0.00061 (J)	<0.001	0.00034 (J)
9/9/2020				<0.001	0.00064 (J)
9/10/2020	0.0012	0.00088 (J)	0.00044 (J)		
4/1/2021	0.00065 (J)	0.00065 (J)		<0.001	<0.001
4/6/2021			0.00053 (J)		
8/11/2021	0.0006 (J)	0.0008 (J)	<0.001	<0.001	<0.001
2/16/2022	0.0007 (J)	0.00076 (J)	<0.001	<0.001	<0.001
8/25/2022	0.00081 (J)				<0.001
8/26/2022		0.00096 (J)	<0.001	<0.001	

Time Series

Constituent: Nickel (mg/L) Analysis Run 1/9/2023 11:26 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	0.0033 (O)	<0.0018	<0.0018	<0.0018
6/16/2010	<0.001				
6/17/2010			<0.0018	<0.0018	<0.0018
6/19/2010		<0.0018			
7/27/2010	<0.001	<0.0018	<0.0018		
7/28/2010				0.019 (O)	<0.0018
9/7/2010	<0.001		<0.0018	0.0093 (O)	
9/8/2010					<0.0018
9/9/2010		<0.0018			
4/28/2011		<0.0018			<0.0018
4/29/2011	<0.001		<0.0018	<0.0018	
10/28/2011	<0.001	<0.0018	0.003 (J)	<0.0018	
10/29/2011					<0.0018
5/2/2012	<0.001				
5/3/2012		<0.0018	<0.0018	<0.0018	<0.0018
11/9/2012	<0.001	<0.0018		0.0035 (J)	
11/10/2012			<0.0018		<0.0018
5/9/2013	<0.001	<0.0018	<0.0018		
5/10/2013				0.0081 (O)	<0.0018
11/5/2013		<0.0018			
11/6/2013	<0.001		<0.0018	<0.0018	<0.0018
5/22/2014	<0.001	<0.0018	<0.0018	<0.0018	<0.0018
11/8/2014	<0.001				
11/9/2014			<0.0018	<0.0018	<0.0018
11/13/2014		<0.0018			
5/22/2015				<0.0018	<0.0018
5/23/2015	0.01 (O)				
5/24/2015		<0.0018	0.0063 (O)		
11/10/2015	<0.001		<0.0018	<0.0018	
11/11/2015		<0.0018			<0.0018
4/11/2016	<0.001				
4/12/2016		0.00206 (J)	<0.0018	<0.0018 (D)	<0.0018
10/4/2016		0.0023 (J)			
10/5/2016	<0.001		<0.0018	<0.0018	
10/6/2016					0.0021 (J)
4/5/2017	<0.001				
4/6/2017		<0.0018	0.002 (J)	<0.0018	<0.0018
10/4/2017		0.0021 (J)			
10/5/2017	<0.001		<0.0018	<0.0018	
10/6/2017					<0.0018
3/20/2018	<0.001	<0.0018			
3/21/2018			<0.0018	0.0022 (J)	<0.0018
10/2/2018	<0.001	<0.0018			
10/3/2018			<0.0018	0.0018 (J)	<0.0018
3/26/2019	<0.001	<0.0018	<0.0018	<0.0018	0.0036
9/10/2019		0.0022		0.0016	0.00079 (J)
9/12/2019	0.0015		0.00097 (J)		
3/18/2020		0.0016		0.00091 (J)	
3/19/2020	0.00047 (J)		0.00098 (J)		0.00073 (J)
9/9/2020	0.00039 (J)	0.0016			
9/10/2020			0.00098 (J)	0.0014	0.0013
4/1/2021		0.0022			

Time Series

Constituent: Nickel (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					0.0012
4/5/2021	0.00047 (J)		0.00048 (J)		
4/6/2021				0.0018	
8/11/2021	<0.001		0.00056 (J)		
8/12/2021		0.0028		0.0029	0.00076 (J)
2/15/2022		0.0018		0.0013	0.00076 (J)
2/16/2022	<0.001		0.00055 (J)		
8/25/2022	0.0017		0.00074 (J)	0.0024	0.0015
8/26/2022		0.002			

Time Series

Constituent: Nickel (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.0018	<0.001
5/11/2010	<0.0018	0.0034			
6/16/2010					<0.001
6/18/2010	<0.0018	0.0046	<0.001		
6/19/2010				<0.0018	
7/27/2010	<0.0018	<0.0018			<0.001
7/28/2010			<0.001	<0.0018	
9/8/2010				<0.0018	<0.001
9/9/2010	<0.0018	<0.0018	<0.001		
4/29/2011	<0.0018				<0.001
4/30/2011		<0.0018	<0.001	0.008 (O)	
10/27/2011				0.0044 (J)	<0.001
10/28/2011	<0.0018				
10/29/2011		<0.0018	<0.001		
5/3/2012					<0.001
5/4/2012	<0.0018	<0.0018	<0.001	0.0032 (J)	
11/10/2012	<0.0018	0.0053	<0.001		
11/11/2012				0.0069	<0.001
5/9/2013	<0.0018	<0.0018	<0.001		<0.001
5/10/2013				0.0093 (O)	
11/6/2013	<0.0018				<0.001
11/7/2013		<0.0018	<0.001	0.0033 (J)	
5/21/2014		<0.0018	<0.001	<0.0018	<0.001
5/22/2014	<0.0018				
11/9/2014	<0.0018	<0.0018			
11/12/2014			<0.001		<0.001
11/13/2014				0.0049 (J)	
5/23/2015				0.003 (J)	<0.001
5/24/2015	0.006 (O)	0.0047	0.0044		
11/11/2015	<0.0018	<0.0018	<0.001	<0.0018	
11/12/2015					<0.001
4/12/2016		<0.0018			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	0.00268 (J)			0.00247 (J)	
10/6/2016	<0.0018	<0.0018	<0.001		<0.001
10/10/2016				<0.0018	
4/6/2017	0.0018 (J)	<0.0018			<0.001
4/7/2017			<0.001	0.0022 (J)	
10/5/2017	<0.0018				<0.001
10/6/2017		<0.0018	<0.001		
10/9/2017				<0.0018	
3/21/2018		<0.0018			<0.001
3/22/2018	0.0019 (J)		<0.001	<0.0018	
10/2/2018					<0.001
10/3/2018	<0.0018	<0.0018			
10/4/2018			<0.001	<0.0018	
3/26/2019		<0.0018			
3/27/2019	<0.0018		<0.001	<0.0018	<0.001
9/11/2019	0.0007 (J)	0.00099 (J)	0.00046 (J)	0.0013	0.00063 (J)
3/18/2020	0.00068 (J)	0.00062 (J)		0.0044	<0.001
3/19/2020			<0.001		
9/9/2020	0.00039 (J)			0.0036	0.00046 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		0.0009 (J)	0.0007 (J)		
4/1/2021	0.00042 (J)		0.00036 (J)		0.00058 (J)
4/5/2021		0.00088 (J)		0.0058	
8/11/2021		0.00074 (J)	<0.001		
8/12/2021	0.00061 (J)			0.0035	0.00045 (J)
2/15/2022	0.001	0.00089 (J)	<0.001	0.0055	<0.001
8/25/2022	0.00071 (J)	0.0013	0.0015	0.0053	0.0042
12/28/2022					0.00068 (J)

Time Series

Constituent: pH (S.U.) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/20/2014	5.27	6.18	5.68		
5/21/2014					6.3
5/23/2014				6.46	
11/8/2014		6.52	6.04		
11/12/2014	5.7				6.49
11/13/2014				6.67	
5/22/2015	5.52	6.3	5.87		
5/23/2015				6.53	6.3
11/9/2015			5.97		
11/11/2015	5.63	6.36		6.71	
11/12/2015					6.45
4/6/2016	5.5 (D)	6.46 (D)	5.937 (D)		
4/12/2016				6.53 (D)	
4/13/2016					6.42 (D)
6/15/2016	5.52	6.39	5.96		
6/16/2016				6.49	
6/21/2016					6.36
8/10/2016	5.5	6.39	5.94		
8/11/2016				6.5	
8/15/2016					6.3
10/4/2016	5.56	6.4		6.5	
10/5/2016			5.86		6.25
11/29/2016		6.36	5.82		
11/30/2016	5.46			6.48	
12/1/2016					6.32
2/7/2017	5.28 (O)	6.45	6.15	6.38	
2/8/2017					6.04
4/1/2017	5.48				
4/4/2017	5.48	6.37	6		
4/5/2017				6.36	
4/6/2017					6.35
6/20/2017	5.44	6.4	6.34	6.45	
6/21/2017					6.2
10/4/2017	5.44			6.5	
10/5/2017		6.42	5.93		6.21
3/20/2018	5.48	6.36	5.97	6.63	
3/21/2018					6.56
10/2/2018	5.49	6.38	6.03	6.57	6.35
3/26/2019	5.41	6.42	6.12	6.54	
3/27/2019					6.53
3/18/2020	5.42	6.29	6.03	6.53	6.34
9/9/2020	5.71	6.33	6.05	6.57	6.4
4/1/2021	5.31	6.44	6.14	6.52	6.35
8/11/2021	5.5	6.35	6.14		
10/18/2021				6.36	6.25
2/15/2022	5.4	6.46	6.2	6.83	6.48
5/12/2022				6.55 (R)	6.31 (R)
8/24/2022			6.22	6.42	
8/25/2022	5.4	6.42			6.2
12/28/2022					6.36

Time Series

Constituent: pH (S.U.) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/20/2014	6.14	4.86	5.6	5.38	
5/23/2014					6.19
11/8/2014					6.42
11/12/2014	6.33	5.3	6.02	5.77	
5/22/2015					6.26
5/23/2015		5.04			
5/24/2015	6.04		5.81	5.53	
11/10/2015					6.29
11/11/2015				5.68	
11/12/2015	6.31	5.31	5.93		
4/11/2016					6.3 (D)
4/13/2016	6.17 (D)	5.22 (D)	5.88 (D)	5.58 (D)	
6/16/2016					6.34
6/21/2016	6.19	5.2	5.9	5.59	
8/11/2016					6.28
8/15/2016	6.15	5.12	5.86	5.56	
10/4/2016			5.85	5.66	
10/5/2016	6.1	5.07			6.27
10/7/2016		5.07	5.85		
11/29/2016					6.39
12/1/2016	6.15	5.08	5.85	5.54	
2/7/2017				5.42 (O)	
2/8/2017	5.9 (O)	4.76 (O)			6.35
2/9/2017			5.92		
4/5/2017		5.1			
4/6/2017	6.13		5.85	5.55	6.26
6/20/2017	6.12	5.13		5.57	
6/21/2017					6.24
6/22/2017			5.9		
10/5/2017	6.11	5.1		5.55	6.31
10/6/2017			5.88		
3/20/2018				5.73	6.34
3/21/2018	6.21	5.33			
3/22/2018			5.88		
10/2/2018	6.21	5.16		5.68	6.38
10/3/2018			5.95		
3/26/2019		5.25	5.89	5.63	6.38
3/27/2019	6.22				
3/18/2020	6.17	5.19	5.81	5.61	6.32
9/9/2020				5.88	6.3
9/10/2020	6.16	5.1	5.83		
4/1/2021	6.11	5.18		5.53	6.37
4/6/2021			5.95		
8/11/2021	6.21	5.2	5.92	5.61	6.43
2/16/2022	6.16	5.11	5.79	5.6	6.54
5/12/2022					6.39 (R)
8/25/2022	6.01				6.45
8/26/2022		5.07	5.91	5.51	

Time Series

Constituent: pH (S.U.) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/22/2014	6.37	6.74	6.33	5.82	6.17
11/8/2014	6.51				
11/9/2014			6.66	6.1	6.45
11/13/2014		6.94			
5/22/2015	6.35		6.49	5.92	6.26
5/24/2015		7			
11/10/2015	6.41		6.53		
11/11/2015		6.55			6.3
11/16/2015				6.02	
4/11/2016	6.36 (D)				
4/12/2016		6.52	6.53 (D)	5.97 (D)	6.44 (D)
6/16/2016	6.35	6.38	6.51		
6/20/2016				5.93	6.33
8/11/2016	6.37	6.38	6.49		
8/12/2016				5.86	
8/16/2016				5.86	6.3
10/4/2016		6.39			
10/5/2016	5.78 (O)		6.46	5.1 (O)	
10/6/2016					6.21
11/29/2016	6.44				
11/30/2016		6.38	6.5	5.88	6.26
2/7/2017		6.43			
2/8/2017	6.4		6.59	5.89	6.35
4/5/2017	6.35				
4/6/2017		6.23 (O)	6.47	5.84	6.29
6/20/2017		6.36			
6/21/2017	6.36		6.53	5.91	
6/22/2017					6.31
10/4/2017		6.35			
10/5/2017	6.41		6.51	5.93	
10/6/2017					5.9
3/20/2018	6.37	6.52			
3/21/2018			6.5	5.96	6.23
10/2/2018	6.41	6.51			
10/3/2018			6.48	5.97	6.25
3/26/2019	6.35	6.44	6.52	6.02	6.34
3/18/2020		6.41		5.9	
3/19/2020	6.27		6.47		6.32
9/9/2020	6.27	6.44			
9/10/2020			6.49	6.24	6.46
4/1/2021		7.32			
4/2/2021					6.35
4/5/2021	6.37		6.64		
4/6/2021				6.01	
6/1/2021	6.18		6.39		
8/11/2021	6.35		6.58		
8/12/2021		6.41		6.12	6.3
2/15/2022		6.61		5.87	6.37
2/16/2022	6.47		6.71		
5/12/2022			6.52 (R)		6.19 (R)
8/25/2022	6.36		6.62	5.99	6.19
8/26/2022		6.37			

Time Series

Constituent: pH (S.U.) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
12/28/2022	6.29		6.56		6.2

Time Series

Constituent: pH (S.U.) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/21/2014		6.09	6.25	7.11	6.31
5/22/2014	5.89				
11/9/2014	6.14	6.36			
11/12/2014					6.81
11/13/2014				6.55	
5/23/2015				6.36	6.42
5/24/2015	5.7	6.17	6.32		
11/11/2015	5.78	6.19	6.35	6.36	
11/12/2015					6.7
4/12/2016		6.22			
4/13/2016			6.42		6.59
4/19/2016	5.55			6.4	
6/20/2016		6.2	6.4		
6/22/2016	5.6				6.49
6/23/2016				6.35	
8/12/2016		6.17			
8/15/2016			6.31		6.61
8/16/2016	5.7				
8/23/2016				6.29	
10/6/2016	5.64	6.14	6.27		6.55
10/10/2016				6.3	
11/30/2016		6.14			
12/1/2016	5.62		6.28	6.37	6.59
2/8/2017					6.63
2/9/2017	5.64	6.18	6.32	6.39	
2/27/2017				6.24	
4/6/2017	5.66	6.17			6.58
4/7/2017			6.28	6.93	
6/21/2017	5.68	6.17		7.11 (D)	6.56
6/22/2017			6.29		
8/15/2017				6.95	
9/1/2017				6.86	
10/5/2017	5.64				6.58
10/6/2017		6.19	5.96		
10/9/2017				6.75	
3/21/2018		6.21			6.76
3/22/2018	5.9		6.34	7.05	
10/2/2018					6.65
10/3/2018	5.74	6.22			
10/4/2018			6.36	7.26	
3/26/2019		6.25			
3/27/2019	5.78		6.38	6.69	6.7
3/18/2020	5.81	6.19		6.42	6.61
3/19/2020			6.41		
9/9/2020	6.08			6.3	6.8
9/10/2020		6.43	6.32		
4/1/2021	6.01		6.4		6.28
4/5/2021		6.36		6.35	
6/1/2021				6.28	
6/2/2021		6.09			
8/11/2021		6.14	6.26		
8/12/2021	5.87			6.37	6.66

Time Series

Constituent: pH (S.U.) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
2/15/2022	6.16	6.1	6.22	6.34	6.61
5/12/2022	5.99 (R)				
8/25/2022	5.96	6.13	6.31	6.29	6.48
12/28/2022					6.62

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/10/2010					<0.005
5/11/2010				<0.005	
6/16/2010		<0.005	<0.005		<0.005
6/17/2010				<0.005	
6/18/2010	<0.005				
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	
7/28/2010	<0.005				<0.005
9/7/2010		<0.005	<0.005		
9/8/2010					<0.005
9/9/2010	<0.005			<0.005	
4/28/2011				<0.005	
4/29/2011		<0.005	<0.005		<0.005
4/30/2011	<0.005				
10/27/2011					<0.005
10/28/2011	<0.005	<0.005	<0.005		
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	
5/4/2012					<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	
11/11/2012					<0.005
5/8/2013	<0.005	<0.005	0.0044		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/21/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				<0.005
11/13/2014				<0.005	
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				0.0053	0.0043
11/9/2015		0.0043	<0.005		
11/11/2015	<0.005			<0.005	
11/12/2015					0.0046
4/6/2016	<0.005	<0.005	<0.005		
4/12/2016				<0.005	
4/13/2016					<0.005 (D)
6/15/2016	<0.005	<0.005	<0.005		
6/16/2016				<0.005	
6/21/2016					<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	
8/15/2016					<0.005
10/4/2016	<0.005	<0.005		0.00037 (J)	
10/5/2016			<0.005		<0.005
11/29/2016		0.00024 (J)	<0.005		
11/30/2016	<0.005			<0.005	

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.005
2/7/2017	<0.005	<0.005	<0.005	<0.005	
2/8/2017					<0.005
4/4/2017	0.00067 (J)	0.0017	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
6/20/2017	<0.005	<0.005	<0.005	<0.005	
6/21/2017					<0.005
10/4/2017	<0.005			<0.005	
10/5/2017		<0.005	0.00027 (J)		<0.005
3/20/2018	<0.005 (XD)	<0.005	<0.005	<0.005 (X)	
3/21/2018					<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	
3/27/2019					<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005	
9/11/2019					<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/17/2021					<0.005
8/18/2021				<0.005	
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	<0.005	
8/25/2022	<0.005	<0.005			<0.005

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.005	<0.005	<0.005	
5/10/2010	<0.005				<0.005
6/16/2010	<0.005				<0.005
6/18/2010		<0.005	<0.005	<0.005	
7/26/2010					<0.005
7/27/2010	<0.005	<0.005			
7/28/2010				<0.005	
7/29/2010			<0.005		
9/7/2010					<0.005
9/8/2010	<0.005	<0.005			
9/9/2010			<0.005	<0.005	
4/26/2011			<0.005		
4/29/2011	<0.005	<0.005			<0.005
4/30/2011				<0.005	
10/27/2011	<0.005				
10/28/2011		0.004	<0.005	<0.005	<0.005
5/2/2012					<0.005
5/3/2012		<0.005		<0.005	
5/4/2012	<0.005		<0.005		
11/9/2012					<0.005
11/10/2012	<0.005	<0.005		<0.005	
11/11/2012			<0.005		
5/8/2013			<0.005	<0.005	<0.005
5/9/2013	<0.005	<0.005			
11/5/2013				<0.005	
11/6/2013	<0.005	<0.005			<0.005
11/7/2013			<0.005		
5/20/2014	<0.005	<0.005	<0.005	<0.005	
5/23/2014					<0.005
11/8/2014					<0.005
11/12/2014	<0.005	<0.005	<0.005	<0.005	
5/22/2015					<0.005
5/23/2015		<0.005			
5/24/2015	0.005		<0.005	<0.005	
11/10/2015					0.0041
11/11/2015				0.0052	
11/12/2015	0.0042	<0.005	<0.005		
4/11/2016					<0.005
4/13/2016	<0.005 (D)	<0.005 (D)	<0.005 (D)	<0.005 (D)	
6/16/2016					<0.005
6/21/2016	<0.005	<0.005	<0.005	<0.005	
8/11/2016					<0.005
8/15/2016	<0.005	<0.005	<0.005	<0.005	
10/4/2016				<0.005	
10/5/2016	<0.005	<0.005			<0.005
10/7/2016			<0.005		
11/29/2016					<0.005
12/1/2016	<0.005	<0.005	<0.005	0.00025 (J)	
2/7/2017				<0.005	
2/8/2017	<0.005	<0.005			<0.005
2/9/2017			<0.005		
4/5/2017		<0.005			

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.00031 (J)		<0.005	<0.005	<0.005
6/20/2017	<0.005	<0.005		<0.005	
6/21/2017					<0.005
6/22/2017			<0.005		
10/5/2017	<0.005	<0.005		<0.005	<0.005
10/6/2017			<0.005		
3/20/2018				<0.005	<0.005
3/21/2018	<0.005	<0.005 (D)			
3/22/2018			<0.005		
10/2/2018	<0.005	<0.005		<0.005	<0.005
10/3/2018			<0.005		
3/26/2019		<0.005	<0.005	<0.005	<0.005
3/27/2019	<0.005				
9/11/2019		<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020				<0.005	<0.005
9/10/2020	<0.005	<0.005	<0.005		
4/1/2021	<0.005	<0.005		<0.005	<0.005
4/6/2021			<0.005		
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/25/2022	<0.005				<0.005
8/26/2022		<0.005	<0.005	<0.005	

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.005	<0.005	<0.005	<0.005	<0.005
6/16/2010	<0.005				
6/17/2010			<0.005	<0.005	<0.005
6/19/2010		<0.005			
7/27/2010	<0.005	<0.005	<0.005		
7/28/2010				<0.005	<0.005
9/7/2010	<0.005		<0.005	<0.005	
9/8/2010					<0.005
9/9/2010		<0.005			
4/28/2011		<0.005			<0.005
4/29/2011	<0.005		<0.005	<0.005	
10/28/2011	<0.005	<0.005	<0.005	<0.005	
10/29/2011					<0.005
5/2/2012	<0.005				
5/3/2012		<0.005	<0.005	<0.005	<0.005
11/9/2012	<0.005	<0.005		<0.005	
11/10/2012			<0.005		<0.005
5/9/2013	<0.005	<0.005	<0.005		
5/10/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013	<0.005		<0.005	<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005				
11/9/2014			<0.005	<0.005	<0.005
11/13/2014		<0.005			
5/22/2015				<0.005	<0.005
5/23/2015	<0.005				
5/24/2015		0.0044	<0.005		
11/10/2015	0.0044		<0.005	<0.005	
11/11/2015		0.0045			<0.005
4/11/2016	<0.005				
4/12/2016		<0.005	<0.005	<0.005 (D)	<0.005
6/16/2016	<0.005	<0.005	<0.005		
6/20/2016				<0.005	<0.005
8/11/2016	<0.005	<0.005	<0.005		
8/12/2016				0.00036 (J)	<0.005
10/4/2016		<0.005			
10/5/2016	<0.005		<0.005	<0.005	
10/6/2016					<0.005
11/29/2016	<0.005				
11/30/2016		<0.005	<0.005	<0.005	<0.005
2/7/2017		<0.005			
2/8/2017	<0.005		<0.005	<0.005	<0.005
4/5/2017	<0.005				
4/6/2017		0.0023	<0.005	<0.005	<0.005
6/20/2017		<0.005			
6/21/2017	<0.005		<0.005	<0.005	
6/22/2017					<0.005
10/4/2017		<0.005			
10/5/2017	<0.005		<0.005	<0.005	
10/6/2017					<0.005
3/20/2018	<0.005	<0.005 (X)			

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.005	<0.005	<0.005 (X)
10/2/2018	<0.005	<0.005			
10/3/2018			<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019		<0.005		<0.005	<0.005
9/12/2019	<0.005		<0.005		
3/18/2020		<0.005		<0.005	
3/19/2020	<0.005		<0.005		<0.005
9/9/2020	<0.005	<0.005			
9/10/2020			<0.005	<0.005	<0.005
4/1/2021		<0.005			
4/2/2021					<0.005
4/5/2021	<0.005		<0.005		
4/6/2021				<0.005	
8/11/2021	<0.005		<0.005		
8/12/2021		<0.005		<0.005	<0.005
2/15/2022		<0.005		<0.005	0.0013 (J)
2/16/2022	<0.005		<0.005		
8/25/2022	<0.005		<0.005	<0.005	0.0012 (J)
8/26/2022		<0.005			

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.005	<0.005	<0.005
5/11/2010	<0.01	<0.005			
6/16/2010					<0.005
6/18/2010	<0.01	<0.005	<0.005		
6/19/2010				<0.005	
7/27/2010	<0.01	<0.005			<0.005
7/28/2010			<0.005	<0.005	
9/8/2010				<0.005	<0.005
9/9/2010	<0.01	<0.005	<0.005		
4/29/2011	<0.01				<0.005
4/30/2011		<0.005	<0.005	<0.005	
10/27/2011				<0.005	<0.005
10/28/2011	<0.01				
10/29/2011		<0.005	<0.005		
5/3/2012					<0.005
5/4/2012	<0.01	<0.005	<0.005	<0.005	
11/10/2012	<0.01	<0.005	<0.005		
11/11/2012				<0.005	<0.005
5/9/2013	<0.01	<0.005	<0.005		<0.005
5/10/2013				<0.005	
11/6/2013	<0.01				<0.005
11/7/2013		<0.005	<0.005	<0.005	
5/21/2014		<0.005	<0.005	<0.005	<0.005
5/22/2014	<0.01				
11/9/2014	<0.01	<0.005			
11/12/2014			<0.005		<0.005
11/13/2014				<0.005	
5/23/2015				0.0045	<0.005
5/24/2015	0.013 (J)	<0.005	0.0053		
11/11/2015	0.037	0.007	0.0049	0.0043	
11/12/2015					0.0065
4/12/2016		<0.005			
4/13/2016			<0.005 (D)		<0.005 (D)
4/19/2016	0.0587			<0.005	
6/20/2016		0.00032 (J)	<0.005		
6/22/2016	0.0435				<0.005
8/12/2016		0.00035 (J)			
8/15/2016			<0.005		<0.005
8/16/2016	0.029				
10/6/2016	0.027	0.00029 (J)	<0.005		<0.005
10/10/2016				<0.005	
11/30/2016		0.00026 (J)			
12/1/2016	0.029		<0.005	<0.005	<0.005
2/8/2017					<0.005
2/9/2017	0.031	<0.005	<0.005	<0.005	
4/6/2017	0.043	<0.005			<0.005
4/7/2017			<0.005	<0.005	
6/21/2017	0.052	0.00031 (J)		<0.005	<0.005
6/22/2017			<0.005		
8/15/2017				<0.005	
9/1/2017				0.00044 (J)	
10/5/2017	0.038				<0.005

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.005	<0.005		
10/9/2017				<0.005	
3/21/2018		<0.005 (X)			<0.005 (X)
3/22/2018	0.038		<0.005	0.00032 (J)	
10/2/2018					<0.005
10/3/2018	0.021	0.00056 (J)			
10/4/2018			<0.005	<0.005	
3/26/2019		<0.005			
3/27/2019	0.023		<0.005	<0.005	<0.005
9/11/2019	0.0079	<0.005	<0.005	<0.005	<0.005
3/18/2020	0.014	<0.005		<0.005	<0.005
3/19/2020			<0.005		
9/9/2020	0.0054			<0.005	<0.005
9/10/2020		<0.005	<0.005		
4/1/2021	0.0065		<0.005		<0.005
4/5/2021		<0.005		<0.005	
8/11/2021		<0.005	<0.005		
8/12/2021	0.0088			<0.005	<0.005
2/15/2022	0.0058	<0.005	<0.005	<0.005	<0.005
8/25/2022	0.0043 (J)	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Silver (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
10/4/2016	<0.001	<0.001		0.00012 (J)	
10/5/2016			<0.001		<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
4/5/2017		<0.001			
4/6/2017	<0.001		<0.001	<0.001	<0.001
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			0.00031		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.001				
9/11/2019	<0.001 (D)	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001				<0.001
8/26/2022		<0.001	<0.001	<0.001	

Time Series

Constituent: Silver (mg/L) Analysis Run 1/9/2023 11:26 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001		<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		<0.001		<0.001	
3/19/2020	<0.001		<0.001		<0.001
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			

Time Series

Constituent: Silver (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					<0.001
4/5/2021	<0.001		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		<0.001	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		
8/25/2022	<0.001		<0.001	<0.001	<0.001
8/26/2022		<0.001			

Time Series

Constituent: Silver (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<0.001		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				<0.001	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	<0.001	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
10/6/2016	<0.001	0.00012 (J)	<0.001		<0.001
10/10/2016				<0.001	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
10/5/2017	<0.001				<0.001
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.001	<0.001		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		<0.001	
8/11/2021		<0.001	<0.001		
8/12/2021	<0.001			<0.001	<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				0.617 (J)	
4/13/2016					0.51 (JD)
6/15/2016	<0.7	<1	<1		
6/16/2016				<1	
6/21/2016					0.58 (J)
8/10/2016	<0.7	<1	<1		
8/11/2016				<1	
8/15/2016					<1
10/4/2016	<0.7	<1		<1	
10/5/2016			<1		<1
11/29/2016		<1	<1		
11/30/2016	<0.7			<1	
12/1/2016					<1
2/7/2017	0.8 (J)	<1	<1	0.92 (J)	
2/8/2017					1
4/4/2017	<0.7	<1	<1		
4/5/2017				1	
4/6/2017					0.81 (J)
6/20/2017	<0.7	<1	<1	0.76 (J)	
6/21/2017					1.1
10/4/2017	<0.7			<1	
10/5/2017		<1	<1		1.1
3/20/2018	1.2	<1	<1	0.95 (J)	
3/21/2018					1.1
10/2/2018	<0.7	<1	<1	<1	1.2
3/26/2019	2.1	<1	0.58 (J)	0.53 (J)	
3/27/2019					1.6
9/10/2019	0.65 (J)	<1	0.44 (J)	0.69 (J)	
9/11/2019					1.8
3/18/2020	3.1	0.67 (J)	0.51 (J)	0.84 (J)	2.4
9/9/2020	1.6	<1	<1	0.77 (J)	2.6
4/1/2021	2.7	<1	<1	<1	2.7
8/11/2021	1.3	<1	<1		
8/17/2021					1.2
8/18/2021				0.79 (J)	
2/15/2022	2.6	<1	<1	1.5	3.5
5/12/2022					2.7 (R)
8/24/2022			<1	<1	
8/25/2022	1.9	<1			3.7

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					<1
4/13/2016	<1 (D)	<1 (D)	0.646 (JD)	<1 (D)	
6/16/2016					<1
6/21/2016	0.16 (J)	0.2 (J)	0.57 (J)	0.16 (J)	
8/11/2016					<1
8/15/2016	<1	<1	<1	<1	
10/4/2016				<1	
10/5/2016	<1	<1			<1
10/7/2016			<1		
11/29/2016					<1
12/1/2016	<1	<1	<1	<1	
2/7/2017				<1	
2/8/2017	<1	<1			<1
2/9/2017			<1		
4/5/2017		<1			
4/6/2017	<1		<1	<1	<1
6/20/2017	<1	<1		<1	
6/21/2017					<1
6/22/2017			<1		
10/5/2017	<1	<1		<1	<1
10/6/2017			<1		
3/20/2018				<1	<1
3/21/2018	<1	<1 (D)			
3/22/2018			<1		
10/2/2018	<1	<1		<1	<1
10/3/2018			<1		
3/26/2019		0.49 (J)	1.3	0.64 (J)	0.39 (J)
3/27/2019	<1				
9/11/2019	0.63 (J)	0.5 (J)	0.81 (J)	0.5 (J)	0.61 (J)
3/18/2020	<1	1.3	25 (o)	<1	0.62 (J)
9/9/2020				<1	<1
9/10/2020	<1	<1	1.3		
4/1/2021	<1	<1		<1	<1
4/6/2021			0.9 (J)		
8/11/2021	<1	<1	0.89 (J)	<1	<1
2/16/2022	<1	<1	<1	<1	<1
8/25/2022	<1				<1
8/26/2022		0.77 (J)	1.3	0.79 (J)	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	<1				
4/12/2016		0.56 (J)	<1	0.419 (JD)	3.56
6/16/2016	<1	<1	<1		
6/20/2016				0.6 (J)	2.4
8/11/2016	<1	<1	<1		
8/16/2016				<1	1.7
10/4/2016		<1			
10/5/2016	<1		<1	<1	
10/6/2016					1.2
11/29/2016	<1				
11/30/2016		<1	<1	1.1	1.2
2/7/2017		<1			
2/8/2017	<1		<1	<1	4.6
4/5/2017	<1				
4/6/2017		<1	<1	<1	4.1
6/20/2017		<1			
6/21/2017	<1		<1	<1	
6/22/2017					3.4
10/4/2017		<1			
10/5/2017	<1		<1	<1	
10/6/2017					3
3/20/2018	<1	<1			
3/21/2018			<1	<1	4.9
10/2/2018	<1	<1			
10/3/2018			<1	<1	2.9
3/26/2019	<1	0.99 (J)	0.45 (J)	0.47 (J)	3.2
9/10/2019		0.63 (J)		0.7 (J)	1.7
9/12/2019	<1		<1		
3/18/2020		0.59 (J)		0.6 (J)	
3/19/2020	0.64 (J)		0.71 (J)		4.6
9/9/2020	1.2	0.59 (J)			
9/10/2020			<1	<1	1.6
4/1/2021		1.1			
4/2/2021					4.6
4/6/2021				<1	
6/1/2021	1.9		1.4		
8/11/2021	<1		<1		
8/12/2021		<1		<1	3.5
2/15/2022		0.79 (J)		0.91 (J)	20
2/16/2022	<1		<1		
5/12/2022					33 (R)
8/25/2022	<1		<1	0.99 (J)	19
8/26/2022		1.1			
12/28/2022					32

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		7.55			
4/13/2016			<1 (D)		8.66 (D)
4/19/2016	575 (o)			32.7	
6/20/2016		14	0.36 (J)		
6/22/2016	470				6.3
8/15/2016			<1		8
8/16/2016	360	12			
10/6/2016	300	13	<1		10
10/10/2016				33	
11/30/2016		14			
12/1/2016	340		<1	31	15
2/8/2017					13
2/9/2017	350	9.5	<1	34	
4/6/2017	380	9.7			14
4/7/2017			<1	37	
6/21/2017	490	13		35	11
6/22/2017			<1		
8/15/2017				42	
9/1/2017				40	
10/5/2017	380				10
10/6/2017		7.3	<1		
3/21/2018		9.5			12
3/22/2018	400		<1	39	
10/2/2018					8.2
10/3/2018	270	10			
10/4/2018			<1	30	
3/26/2019		6.3			
3/27/2019	260		0.51 (J)	18	6.8
9/11/2019	130	12	0.52 (J)	32	9.6
3/18/2020	170	5.6		16	6.9
3/19/2020			0.54 (J)		
9/9/2020	110			11	8.4
9/10/2020		9.4	<1		
4/1/2021	100		<1		9.7
6/1/2021				17	
6/2/2021		13			
8/11/2021		11	<1		
8/12/2021	140			27	9.7
2/15/2022	100	13	<1	11	7.2
8/25/2022	100	12	<1	22	19

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<0.001	<0.001	<0.001		
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	0.0003	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		<0.001	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	
6/21/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	0.00021 (J)	0.00023 (J)	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00049 (J)	<0.001
9/9/2020	0.00025 (J)	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	0.00027 (J)	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					<0.001
7/27/2010	<0.001	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					<0.001
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	<0.001	<0.001			<0.001
4/30/2011				<0.001	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			<0.001	<0.001	<0.001
5/9/2013	<0.001	<0.001			
11/5/2013				<0.001	
11/6/2013	<0.001	<0.001			<0.001
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<0.001	<0.001	
10/4/2016				<0.001	
10/5/2016	<0.001	<0.001			<0.001
10/7/2016			<0.001		
11/29/2016					<0.001
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<0.001	<0.001
4/6/2021			<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001				<0.001
8/26/2022		<0.001	<0.001	<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001		<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	<0.001	<0.001	<0.001		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				<0.001	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
6/20/2017		<0.001			
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017					<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		0.00025 (J)		<0.001	
3/19/2020	<0.001		<0.001		0.00036 (J)
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	0.00032 (J)		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		<0.001	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		
8/25/2022	<0.001		<0.001	<0.001	<0.001
8/26/2022		<0.001			

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<0.001		
6/19/2010				<0.001	
7/27/2010	<0.001	<0.001			<0.001
7/28/2010			<0.001	<0.001	
9/8/2010				<0.001	<0.001
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	0.00027		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	0.00026	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		<0.001	<0.001		
6/22/2016	<0.001				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	<0.001	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	<0.001	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		<0.001	<0.001
6/22/2017			<0.001		
8/15/2017				<0.001	
9/1/2017				<0.001	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001
9/10/2020		<0.001	0.00019 (J)		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		0.0003 (J)		0.00081 (J)	
8/11/2021		0.0002 (J)	0.00043 (J)		
8/12/2021	0.00037 (J)			0.00043 (J)	0.00016 (J)
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/9/2023 11:26 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	38	84	61		
4/12/2016				147	
4/13/2016					103 (D)
6/15/2016	<10	139	113		
6/16/2016				150	
6/21/2016					214 (O)
8/10/2016	56	80	74		
8/11/2016				110	
8/15/2016					130
10/4/2016	48	62		140	
10/5/2016			44		84
11/29/2016		110	58		
11/30/2016	46			130	
12/1/2016					130
2/7/2017	18	70	4 (J)	130	
2/8/2017					130
4/4/2017	32	120	78		
4/5/2017				130	
4/6/2017					130
6/20/2017	38	76	50	120	
6/21/2017					120
10/4/2017	42			130	
10/5/2017		110	64		140
3/20/2018	20 (JX)	110	90	110	
3/21/2018					120
10/2/2018	48	110	90	140	150
3/26/2019	45	100	82	150	
3/27/2019					140
9/10/2019	42	75	51	130	
9/11/2019					110
3/18/2020	43	93	75	130	140
9/9/2020	<10	66	64	120	160
4/1/2021	55	100	68	120	140
8/11/2021	55	100	94		
8/17/2021					160
8/18/2021				150	
2/15/2022	42	99	79	120	150
8/24/2022			110	160	
8/25/2022	86	130			170

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/9/2023 11:26 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					89
4/13/2016	99 (D)	<5 (D)	60 (D)	56 (D)	
6/16/2016					88
6/21/2016	293	110	195 (O)	68	
8/11/2016					52
8/15/2016	90	<5	42	46	
10/4/2016				60	
10/5/2016	70	<5			76
10/7/2016			24		
11/29/2016					72
12/1/2016	120	16	68	70	
2/7/2017				40	
2/8/2017	86	12			74
2/9/2017			56		
4/5/2017		18			
4/6/2017	130		68	74	84
6/20/2017	86	<5		34	
6/21/2017					88
6/22/2017			56		
10/5/2017	94	28		98	110
10/6/2017			90		
3/20/2018				42	92
3/21/2018	100	28 (JX)			
3/22/2018			76		
10/2/2018	120	38		40	100
10/3/2018			22		
3/26/2019		29	59	60	94
3/27/2019	100				
9/11/2019	94	14	33	26	77
3/18/2020	100	26	100	57	92
9/9/2020				54	77
9/10/2020	95	13	60		
4/1/2021	90	17		43	62
4/6/2021			55		
8/11/2021	120	18	75	71	98
2/16/2022	79	16	55	46	70
8/25/2022	130				130
8/26/2022		29	84	91	

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/9/2023 11:26 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	99				
4/12/2016		93	104	92 (D)	80
6/16/2016	102	130	111		
6/20/2016				78	111
8/11/2016	38	92	70		
8/16/2016				76	100
10/4/2016		120			
10/5/2016	26		92	64	
10/6/2016					110
11/29/2016	82				
11/30/2016		130	92	82	110
2/7/2017		36			
2/8/2017	78		98	92	120
4/5/2017	100				
4/6/2017		150	92	88	130
6/20/2017		92			
6/21/2017	100		100	88	
6/22/2017					110
10/4/2017		120			
10/5/2017	100		130	86	
10/6/2017					120
3/20/2018	100	120			
3/21/2018			100	98	160
10/2/2018	130	140			
10/3/2018			130	60	120
3/26/2019	100	130	110	86	130
9/10/2019		140		66	93
9/12/2019	70		84		
3/18/2020		140		72	
3/19/2020	110		120		130
9/9/2020	120	110			
9/10/2020			110	59	130
4/1/2021		120			
4/2/2021					150
4/6/2021				81	
6/1/2021	130		120		
8/11/2021	120		110		
8/12/2021		130		89	130
2/15/2022		120		53	140
2/16/2022	110		110		
8/25/2022	150		140	110	170
8/26/2022		180			

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/9/2023 11:26 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		138			
4/13/2016			130 (D)		135 (D)
4/19/2016	1290			179	
6/20/2016		154	116		
6/22/2016	1060				199
8/15/2016			92		120
8/16/2016	880	140			
10/6/2016	820	150	110		140
10/10/2016				110 (O)	
11/30/2016		160			
12/1/2016	900		140	170	160
2/8/2017					130
2/9/2017	940	160	120	180	
4/6/2017	1100	140			140
4/7/2017			120	200	
6/21/2017	1200	150		190	150
6/22/2017			100		
8/15/2017				190	
9/1/2017				160	
10/5/2017	950				170
10/6/2017		160	140		
3/21/2018		170			160
3/22/2018	1000		130	220	
10/2/2018					34
10/3/2018	620	120			
10/4/2018			110		
10/17/2018				170	
3/26/2019		130			
3/27/2019	580		120	300	140
9/11/2019	310	120	100	210	130
3/18/2020	430	140		300	130
3/19/2020			98		
9/9/2020	270			360	150
9/10/2020		140	120		
4/1/2021	260		110		120
6/1/2021				340	
6/2/2021		140			
8/11/2021		160	130		
8/12/2021	370			240	150
2/15/2022	290	140	140	330	140
8/25/2022	290	170	150	270	180

Time Series

Constituent: Vanadium (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.0024 (J)		
5/9/2010	<0.001	0.0049 (J)			
5/10/2010					0.011
5/11/2010				0.012	
6/16/2010		0.0054 (J)	0.002 (J)		0.01
6/17/2010				0.0082 (J)	
6/18/2010	<0.001				
7/26/2010			<0.01		
7/27/2010		0.0055 (J)		0.0096 (J)	
7/28/2010	<0.001				0.011
9/7/2010		0.005 (J)	0.0026 (J)		
9/8/2010					0.011
9/9/2010	<0.001			0.0098 (J)	
4/28/2011				0.0085 (J)	
4/29/2011		0.005 (J)	0.0036 (J)		0.01
4/30/2011	<0.001				
10/27/2011					0.014
10/28/2011	<0.001	0.0081 (J)	<0.01		
10/29/2011				0.011	
5/2/2012	<0.001	0.0059 (J)	0.003 (J)		
5/3/2012				0.013	
5/4/2012					0.0096 (J)
11/9/2012	<0.001	0.0062 (J)	0.0081 (J)	0.013	
11/11/2012					0.011
5/8/2013	<0.001	0.0079 (J)	<0.01		
5/9/2013				0.012	0.011
11/5/2013	<0.001			0.015	0.013
11/6/2013		0.0068 (J)	0.0032 (J)		
5/20/2014	<0.001	0.0074 (J)	0.0036 (J)		
5/21/2014					0.012
5/23/2014				0.015	
11/8/2014		0.0097 (J)	0.0065 (J)		
11/12/2014	0.0035 (J)				0.016
11/13/2014				0.02	
5/22/2015	<0.001	0.0085 (J)	<0.01		
5/23/2015				0.018	0.011
11/9/2015		<0.01	0.0047 (J)		
11/11/2015	<0.001			0.018	
11/12/2015					0.0053 (J)
4/6/2016	<0.001	0.00726 (J)	0.00424 (J)		
4/12/2016				0.0173	
4/13/2016					0.0124 (D)
10/4/2016	0.0031	0.013		0.021	
10/5/2016			0.0049		0.013
4/4/2017	<0.001	0.0046	0.0048		
4/5/2017				0.017	
4/6/2017					0.013
10/4/2017	0.0021 (J)			0.02	
10/5/2017		0.0071	0.0024 (J)		0.015
3/20/2018	<0.001 (D)	0.0067	0.0041	0.016	
3/21/2018					0.012
10/2/2018	<0.001	0.0069	0.004	0.017	0.012

Time Series

Constituent: Vanadium (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.001	0.007	0.0051	0.017	
3/27/2019					0.012
9/10/2019	0.0022	0.01	0.0091	0.02	
9/11/2019					0.017
3/18/2020	0.0011	0.0078	0.0051	0.02	0.013
9/9/2020	<0.001	0.0072	0.0053	0.018	0.012
4/1/2021	<0.001	0.0078	0.005	0.019	0.013
8/11/2021	<0.001	0.0082	0.0055		
8/18/2021				0.018	
10/18/2021					0.013
2/15/2022	<0.001	0.0077	0.0052	0.018	0.012
8/24/2022			0.0051	0.017	
8/25/2022	<0.001	0.0079			0.011

Time Series

Constituent: Vanadium (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.0014	<0.001	
5/10/2010	0.009 (J)				0.0052 (J)
6/16/2010	0.0089 (J)				0.0059 (J)
6/18/2010		<0.001	<0.0014	<0.001	
7/26/2010					0.0052 (J)
7/27/2010	0.0089 (J)	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.0014		
9/7/2010					0.0056 (J)
9/8/2010	0.009 (J)	<0.001			
9/9/2010			<0.0014	<0.001	
4/26/2011			<0.0014		
4/29/2011	0.0082 (J)	<0.001			0.005 (J)
4/30/2011				<0.001	
10/27/2011	0.009 (J)				
10/28/2011		<0.001	<0.0014	<0.001	0.0048 (J)
5/2/2012					0.0057 (J)
5/3/2012		<0.001		<0.001	
5/4/2012	0.0091 (J)		<0.0014		
11/9/2012					0.0057 (J)
11/10/2012	0.0096 (J)	<0.001		<0.001	
11/11/2012			<0.0014		
5/8/2013			0.0039 (J)	<0.001	0.0069 (J)
5/9/2013	0.01	<0.001			
11/5/2013				<0.001	
11/6/2013	0.01	<0.001			0.0052 (J)
11/7/2013			<0.0014		
5/20/2014	0.011	<0.001	<0.0014	<0.001	
5/23/2014					0.0081 (J)
11/8/2014					0.01
11/12/2014	0.012	0.0032 (J)	0.004 (J)	<0.001	
5/22/2015					0.0052 (J)
5/23/2015		<0.001			
5/24/2015	0.012		<0.0014	<0.001	
11/10/2015					<0.01
11/11/2015				<0.001	
11/12/2015	<0.01	<0.001	<0.0014		
4/11/2016					0.00604 (J)
4/13/2016	0.00976 (JD)	<0.001 (D)	<0.0014 (D)	<0.001 (D)	
10/4/2016				0.0026	
10/5/2016	0.013	<0.001			0.0075
10/7/2016			<0.0014		
4/5/2017		<0.001			
4/6/2017	0.011		<0.0014	<0.001	0.0065
10/5/2017	0.013	0.0022 (J)		0.0024 (J)	0.0052
10/6/2017			0.0032		
3/20/2018				<0.001	0.0064
3/21/2018	0.0098	<0.0014 (JX)			
3/22/2018			<0.0014		
10/2/2018	0.01	<0.001		<0.001	0.0064
10/3/2018			<0.0014		
3/26/2019		0.0029	0.0041	0.0034	0.0094

Time Series

Constituent: Vanadium (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	0.012				
9/11/2019	0.015	0.0052	0.0062	0.0062	0.011
3/18/2020	0.011	<0.001	0.001	<0.001	0.0075
9/9/2020				<0.001	0.007
9/10/2020	0.01	<0.001	0.0011		
4/1/2021	0.011	<0.001		0.0013	0.0081
4/6/2021			0.0028		
8/11/2021	0.011	<0.001	0.0013	0.0012	0.008
2/16/2022	0.0099	<0.001	0.0011	0.00091 (J)	0.0066
8/25/2022	0.0099				0.007
8/26/2022		<0.001	0.0016	0.0017	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.0064 (J)	0.0078 (J)	0.014	0.0046 (J)	0.0068 (J)
6/16/2010	0.0061 (J)				
6/17/2010			0.014	0.0046 (J)	0.0079 (J)
6/19/2010		<0.01			
7/27/2010	0.006 (J)	0.0096 (J)	0.016		
7/28/2010				0.019 (O)	0.0077 (J)
9/7/2010	0.0066 (J)		0.017	0.0072 (J)	
9/8/2010					0.0077 (J)
9/9/2010		0.0095 (J)			
4/28/2011		0.01			0.0099 (J)
4/29/2011	0.0066 (J)		0.015	0.0052 (J)	
10/28/2011	0.0057 (J)	0.014	0.016	0.0059 (J)	
10/29/2011					0.006 (J)
5/2/2012	0.006 (J)				
5/3/2012		0.013	0.016	0.0049 (J)	0.0084 (J)
11/9/2012	0.0073 (J)	0.012		0.007 (J)	
11/10/2012			0.018		0.0061 (J)
5/9/2013	0.0069 (J)	0.012	0.019		
5/10/2013				0.0094 (J)	0.009 (J)
11/5/2013		0.014			
11/6/2013	0.0077 (J)		0.019	0.0059 (J)	0.0089 (J)
5/22/2014	0.0075 (J)	0.013	0.018	0.0057 (J)	0.0084 (J)
11/8/2014	0.0081 (J)				
11/9/2014			0.02	0.0069 (J)	0.0076 (J)
11/13/2014		0.016			
5/22/2015				0.006 (J)	0.011
5/23/2015	0.01				
5/24/2015		0.014	0.016		
11/10/2015	0.0033 (J)		0.01	0.011	
11/11/2015		0.014			0.0034 (J)
4/11/2016	0.00756 (J)				
4/12/2016		0.0155	0.019	0.00503 (JD)	0.00654 (J)
10/4/2016		0.017			
10/5/2016	0.0084		<0.016	<0.0072	
10/6/2016					<0.0086
4/5/2017	0.0086				
4/6/2017		0.015	0.02	0.0056	0.0073
10/4/2017		0.015			
10/5/2017	0.0062		0.02	0.0061	
10/6/2017					0.0087
3/20/2018	0.0072	0.014			
3/21/2018			0.021	0.0097	0.0058
10/2/2018	0.0073	0.015			
10/3/2018			0.017	0.0053	0.006
3/26/2019	0.0094	0.016	0.018	0.0076	0.011
9/10/2019		0.018		0.0078	0.0086
9/12/2019	0.0083		0.02		
3/18/2020		0.016		0.0051	
3/19/2020	0.008		0.019		0.0065
9/9/2020	0.0071	0.014			
9/10/2020			0.018	0.0061	0.0068
4/1/2021		0.014			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					0.0081
4/5/2021	0.0068		0.017		
4/6/2021				0.0075	
8/11/2021	0.0076		0.019		
8/12/2021		0.016		0.0087	0.007
2/15/2022		0.016		0.0064	0.0059
2/16/2022	0.0068		0.018		
8/25/2022	0.0068		0.018	0.0072	0.0059
8/26/2022		0.015			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.011	0.013	0.0097 (J)
5/11/2010	0.0038 (J)	0.0055			
6/16/2010					0.01
6/18/2010	0.0044 (J)	0.0071 (J)	0.017		
6/19/2010				0.0075 (J)	
7/27/2010	0.0054 (J)	0.0085 (J)			0.012
7/28/2010			0.012	0.01	
9/8/2010				0.038	0.013
9/9/2010	0.0053 (J)	0.0088 (J)	0.013		
4/29/2011	0.0039 (J)				0.0097 (J)
4/30/2011		0.0094 (J)	0.012	0.053 (O)	
10/27/2011				0.016	0.015
10/28/2011	<0.0025				
10/29/2011		0.009 (J)	0.013		
5/3/2012					0.017
5/4/2012	<0.0025	0.0084 (J)	0.012	0.018	
11/10/2012	0.0035 (J)	0.0089 (J)	0.012		
11/11/2012				0.025	0.017
5/9/2013	0.004 (J)	0.0071 (J)	0.013		0.014
5/10/2013				0.09 (O)	
11/6/2013	0.0034 (J)				0.019
11/7/2013		0.0094 (J)	0.014	0.02	
5/21/2014		0.0082 (J)	0.013	0.016	0.016
5/22/2014	0.0047 (J)				
11/9/2014	0.0067 (J)	0.013			
11/12/2014			0.015		0.022
11/13/2014				0.065 (O)	
5/23/2015				0.032	0.016
5/24/2015	0.0033 (J)	0.009 (J)	0.015		
11/11/2015	<0.0025	0.0052	0.0055 (J)	0.033	
11/12/2015					0.015
4/12/2016		0.00896 (J)			
4/13/2016			0.0127 (D)		0.0144 (D)
4/19/2016	<0.0025			0.0233	
10/6/2016	<0.0025	<0.009	<0.012		<0.02
10/10/2016				0.019 (D)	
4/6/2017	0.0018 (J)	0.0089			0.016
4/7/2017			0.013	0.0044	
10/5/2017	<0.0025				0.024
10/6/2017		0.011	0.015		
10/9/2017				0.0047	
3/21/2018		0.0077			0.018
3/22/2018	0.0018 (J)		0.012	0.0043	
10/2/2018					0.021
10/3/2018	0.0018 (J)	0.0081			
10/4/2018			0.012	<0.001	
3/26/2019		0.012			
3/27/2019	0.002 (J)		0.013	0.003	0.019
9/11/2019	0.0047	0.012	0.015	0.0042	0.025
3/18/2020	0.002	0.0099		0.0031	0.012
3/19/2020			0.014		
9/9/2020	0.002			<0.001	0.022

Time Series

Constituent: Vanadium (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		0.0094	0.014		
4/1/2021	0.0027		0.014		0.0095
4/5/2021		0.0091		0.0023	
8/11/2021		0.0099	0.013		
8/12/2021	0.0021			<0.001	0.02
2/15/2022	0.0026	0.0094	0.013	0.00079 (J)	0.017
8/25/2022	0.0026	0.011	0.014	0.0023	0.025

Time Series

Constituent: Zinc (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/10/2010					<0.005
5/11/2010				<0.005	
6/16/2010		<0.005	<0.005		<0.005
6/17/2010				<0.005	
6/18/2010	<0.005				
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	
7/28/2010	<0.005				<0.005
9/7/2010		<0.005	<0.005		
9/8/2010					<0.005
9/9/2010	<0.005			<0.005	
4/28/2011				<0.005	
4/29/2011		<0.005	<0.005		<0.005
4/30/2011	<0.005				
10/27/2011					<0.005
10/28/2011	<0.005	<0.005	<0.005		
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	
5/4/2012					<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	
11/11/2012					<0.005
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/21/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				<0.005
11/13/2014				<0.005	
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				<0.005	<0.005
11/9/2015		<0.005	<0.005		
11/11/2015	<0.005			<0.005	
11/12/2015					<0.005
4/6/2016	<0.005	<0.005	0.00274 (J)		
4/12/2016				<0.005	
4/13/2016					<0.005 (D)
10/4/2016	<0.005	<0.005		<0.005	
10/5/2016			0.0073 (J)		<0.005
4/4/2017	<0.005	<0.005	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
10/4/2017	<0.005			<0.005	
10/5/2017		<0.005	<0.005		<0.005
3/20/2018	<0.005 (D)	<0.005	<0.005	<0.005	
3/21/2018					<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.005	<0.005	<0.005	<0.005	
3/27/2019					<0.005
9/10/2019	0.006	0.0047 (J)	0.0084	0.0038 (J)	
9/11/2019					0.004 (J)
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/18/2021				<0.005	
10/18/2021					<0.005
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	0.0039 (J)	
8/25/2022	<0.005	<0.005			<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.005	<0.005	<0.005	
5/10/2010	<0.005				<0.005
6/16/2010	<0.005				<0.005
6/18/2010		<0.005	<0.005	<0.005	
7/26/2010					<0.005
7/27/2010	<0.005	<0.005			
7/28/2010				<0.005	
7/29/2010			<0.005		
9/7/2010					<0.005
9/8/2010	<0.005	<0.005			
9/9/2010			<0.005	<0.005	
4/26/2011			<0.005		
4/29/2011	<0.005	<0.005			<0.005
4/30/2011				<0.005	
10/27/2011	<0.005				
10/28/2011		<0.005	<0.005	<0.005	<0.005
5/2/2012					<0.005
5/3/2012		<0.005		<0.005	
5/4/2012	<0.005		<0.005		
11/9/2012					<0.005
11/10/2012	<0.005	<0.005		<0.005	
11/11/2012			<0.005		
5/8/2013			<0.005	<0.005	<0.005
5/9/2013	<0.005	<0.005			
11/5/2013				<0.005	
11/6/2013	<0.005	<0.005			<0.005
11/7/2013			<0.005		
5/20/2014	<0.005	<0.005	<0.005	<0.005	
5/23/2014					<0.005
11/8/2014					<0.005
11/12/2014	<0.005	<0.005	<0.005	<0.005	
5/22/2015					<0.005
5/23/2015		<0.005			
5/24/2015	<0.005		<0.005	<0.005	
11/10/2015					<0.005
11/11/2015				<0.005	
11/12/2015	<0.005	<0.005	<0.005		
4/11/2016					<0.005
4/13/2016	0.00241 (JD)	0.00409 (JD)	0.00289 (JD)	<0.005 (D)	
10/4/2016				<0.005	
10/5/2016	<0.005	<0.005			<0.005
10/7/2016			<0.005		
4/5/2017		<0.005			
4/6/2017	<0.005		<0.005	<0.005	<0.005
10/5/2017	<0.005	<0.005		<0.005	<0.005
10/6/2017			0.0071 (J)		
3/20/2018				<0.005	<0.005
3/21/2018	0.007 (J)	<0.005 (D)			
3/22/2018			<0.005		
10/2/2018	0.022 (O)	<0.005		<0.005	<0.005
10/3/2018			<0.005		
3/26/2019		<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.005				
9/11/2019	0.0072	0.0065	0.0085	0.0038 (J)	0.0077
3/18/2020	<0.005	0.005	0.0052	<0.005	<0.005
9/9/2020				<0.005	<0.005
9/10/2020	0.018	0.0037 (J)	0.0038 (J)		
4/1/2021	0.0034 (J)	<0.005		<0.005	<0.005
4/6/2021			0.004 (J)		
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	0.0034 (J)	0.0032 (J)	0.004 (J)	<0.005	<0.005
8/25/2022	<0.005				<0.005
8/26/2022		<0.005	<0.005	<0.005	

Time Series

Constituent: Zinc (mg/L) Analysis Run 1/9/2023 11:26 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.005	<0.005	<0.005	0.018 (O)	<0.005
6/16/2010	<0.005				
6/17/2010			<0.005	<0.005	<0.005
6/19/2010		<0.005			
7/27/2010	<0.005	<0.005	<0.005		
7/28/2010				0.016 (O)	<0.005
9/7/2010	<0.005		<0.005	<0.005	
9/8/2010					<0.005
9/9/2010		<0.005			
4/28/2011		<0.005			<0.005
4/29/2011	<0.005		<0.005	<0.005	
10/28/2011	<0.005	<0.005	<0.005	<0.005	
10/29/2011					<0.005
5/2/2012	<0.005				
5/3/2012		<0.005	<0.005	<0.005	<0.005
11/9/2012	<0.005	<0.005		<0.005	
11/10/2012			<0.005		<0.005
5/9/2013	<0.005	<0.005	<0.005		
5/10/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013	<0.005		<0.005	<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005				
11/9/2014			<0.005	<0.005	<0.005
11/13/2014		<0.005			
5/22/2015				<0.005	<0.005
5/23/2015	<0.005				
5/24/2015		<0.005	<0.005		
11/10/2015	<0.005	<0.005	<0.005	<0.005	
11/11/2015		<0.005			<0.005
4/11/2016	<0.005				
4/12/2016		<0.005	<0.005	<0.005 (D)	0.00203 (J)
10/4/2016		<0.005			
10/5/2016	0.0085 (O)		<0.005	0.01 (O)	
10/6/2016					<0.005
4/5/2017	<0.005				
4/6/2017		<0.005	<0.005	<0.005	<0.005
10/4/2017		<0.005			
10/5/2017	<0.005		<0.005	<0.005	
10/6/2017					<0.005
3/20/2018	<0.005	<0.005			
3/21/2018			<0.005	<0.005	<0.005
10/2/2018	<0.005	<0.005			
10/3/2018			<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019		0.004 (J)		0.0069	0.006
9/12/2019	0.0059		0.0065		
3/18/2020		<0.005		<0.005	
3/19/2020	<0.005		<0.005		<0.005
9/9/2020	<0.005	<0.005			
9/10/2020			<0.005	<0.005	<0.005
4/1/2021		0.01			

Time Series

Constituent: Zinc (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					<0.005
4/5/2021	<0.005		<0.005		
4/6/2021				<0.005	
8/11/2021	<0.005		<0.005		
8/12/2021		<0.005		0.0035 (J)	<0.005
2/15/2022		<0.005		<0.005	<0.005
2/16/2022	<0.005		<0.005		
8/25/2022	<0.005		0.0063	<0.005	<0.005
8/26/2022		<0.005			

Time Series

Constituent: Zinc (mg/L) Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.005	<0.005	<0.005
5/11/2010	<0.005	<0.005			
6/16/2010					<0.005
6/18/2010	<0.005	<0.005	<0.005		
6/19/2010				0.0081 (J)	
7/27/2010	<0.005	<0.005			<0.005
7/28/2010			<0.005	0.017 (J)	
9/8/2010				0.085	<0.005
9/9/2010	<0.005	<0.005	<0.005		
4/29/2011	<0.005				<0.005
4/30/2011		<0.005	<0.005	0.13 (O)	
10/27/2011				0.03	<0.005
10/28/2011	<0.005				
10/29/2011		<0.005	<0.005		
5/3/2012					<0.005
5/4/2012	<0.005	<0.005	<0.005	0.029	
11/10/2012	<0.005	<0.005	<0.005		
11/11/2012				0.046	<0.005
5/9/2013	<0.005	<0.005	<0.005		<0.005
5/10/2013				0.23 (O)	
11/6/2013	<0.005				<0.005
11/7/2013		<0.005	<0.005	0.028	
5/21/2014		<0.005	<0.005	0.015 (J)	<0.005
5/22/2014	<0.005				
11/9/2014	<0.005	<0.005			
11/12/2014			<0.005		<0.005
11/13/2014				0.13 (O)	
5/23/2015				0.059	<0.005
5/24/2015	<0.005	<0.005	<0.005		
11/11/2015	0.0089 (J)	<0.005	<0.005	0.079	
11/12/2015					<0.005
4/12/2016		<0.005			
4/13/2016			<0.005 (D)		<0.005 (D)
4/19/2016	0.0133 (O)			0.0218	
10/6/2016	<0.005	<0.005	<0.005		<0.005
10/10/2016				0.013 (J)	
4/6/2017	0.0087 (J)	<0.005			<0.005
4/7/2017			<0.005	<0.005	
10/5/2017	0.0078 (J)				<0.005
10/6/2017		<0.005	<0.005		
10/9/2017				<0.005	
3/21/2018		<0.005			<0.005
3/22/2018	0.0086 (J)		<0.005	<0.005	
10/2/2018					<0.005
10/3/2018	<0.005	<0.005			
10/4/2018			<0.005	<0.005	
3/26/2019		<0.005			
3/27/2019	<0.005		<0.005	<0.005	<0.005
9/11/2019	0.0074	0.0062	0.0074	0.0052	0.0037 (J)
3/18/2020	0.0045 (J)	<0.005		<0.005	<0.005
3/19/2020			<0.005		
9/9/2020	<0.005			<0.005	<0.005

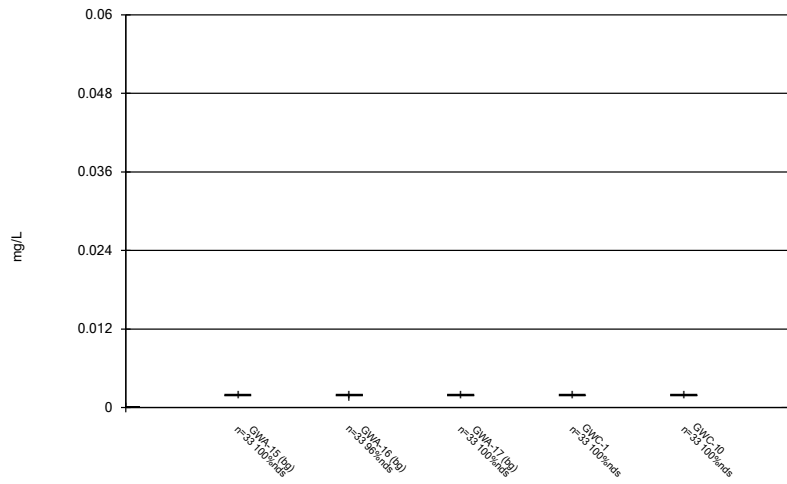
Time Series

Constituent: Zinc (mg/L) Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.005	<0.005		
4/1/2021	<0.005		<0.005		<0.005
4/5/2021		<0.005		<0.005	
8/11/2021		<0.005	<0.005		
8/12/2021	0.0034 (J)			<0.005	<0.005
2/15/2022	0.0034 (J)	<0.005	0.0037 (J)	<0.005	<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005

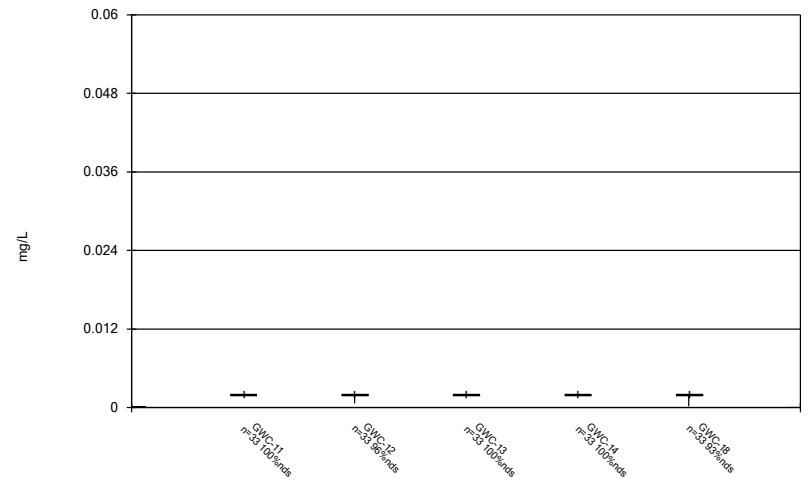
FIGURE B.

Box & Whiskers Plot



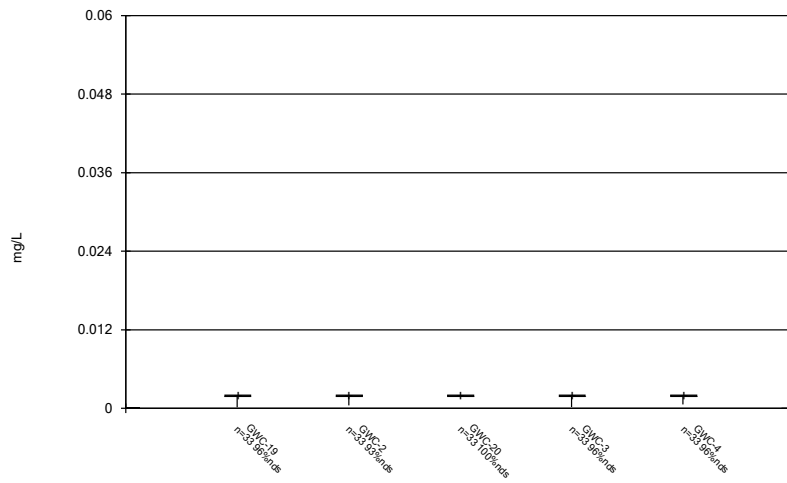
Constituent: Antimony, Total Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



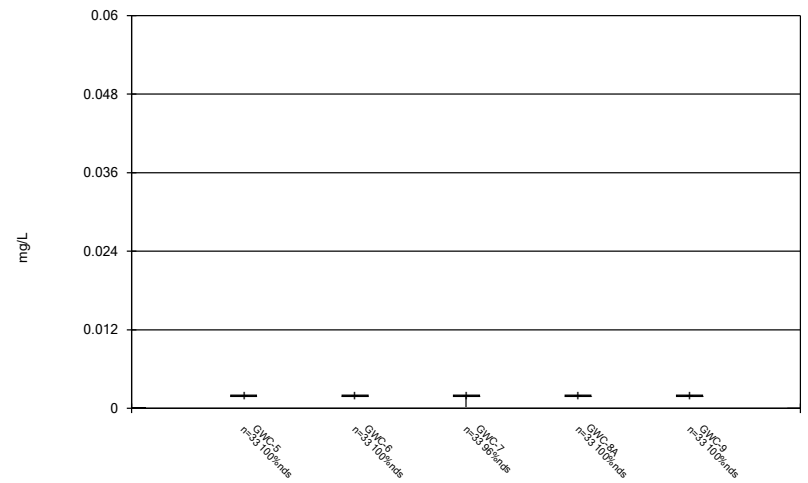
Constituent: Antimony, Total Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



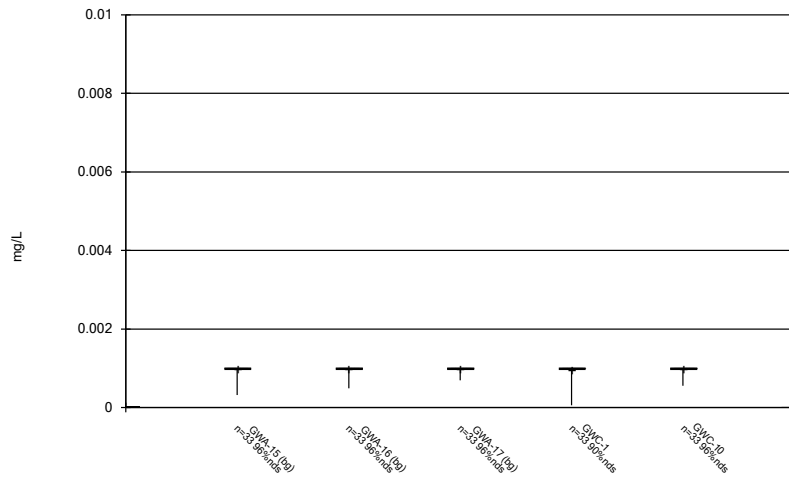
Constituent: Antimony, Total Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



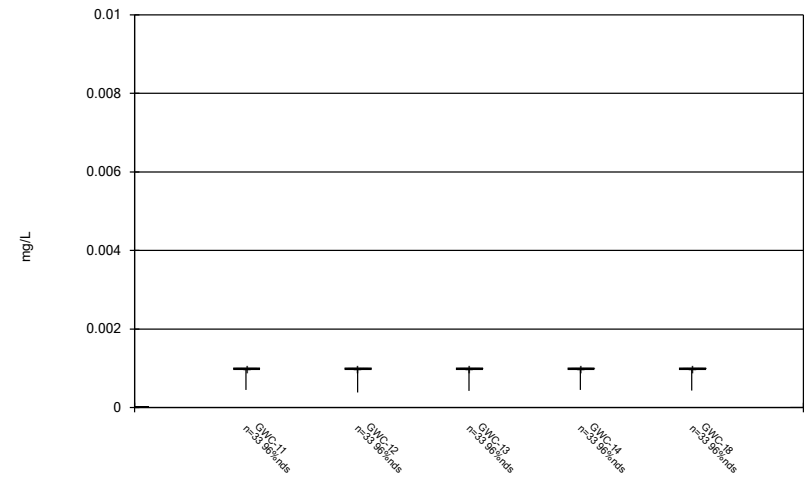
Constituent: Antimony, Total Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



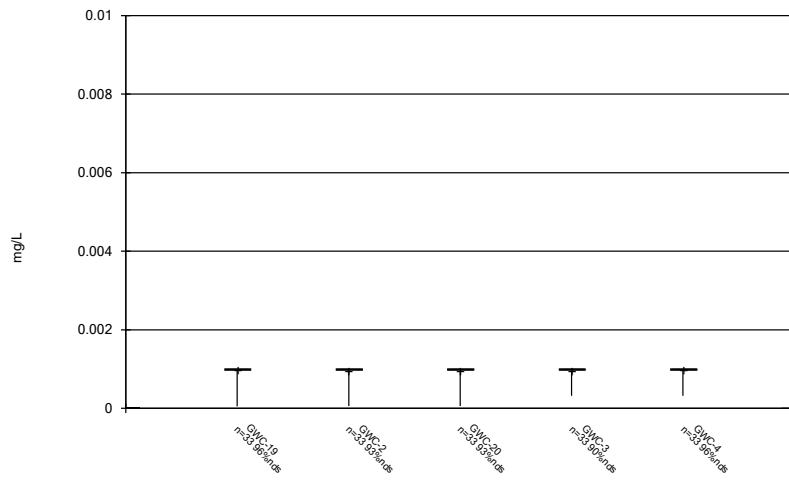
Constituent: Arsenic, Total Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



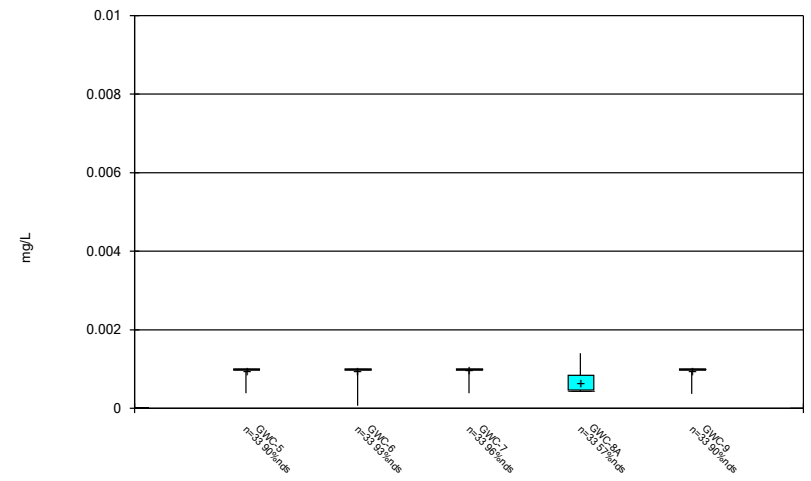
Constituent: Arsenic, Total Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



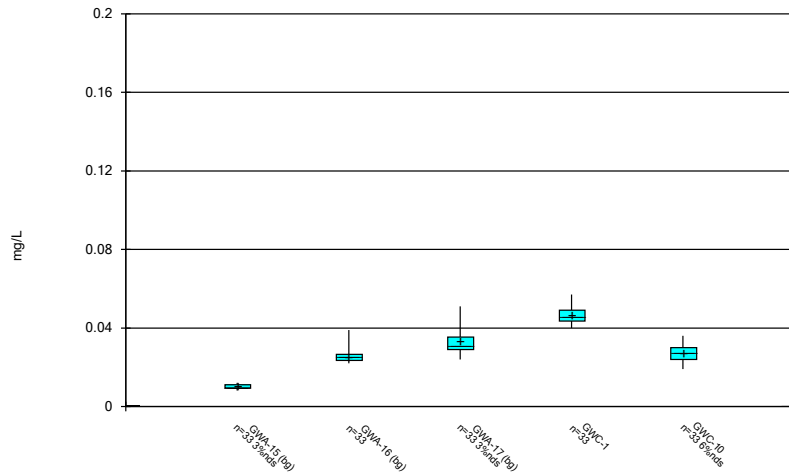
Constituent: Arsenic, Total Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



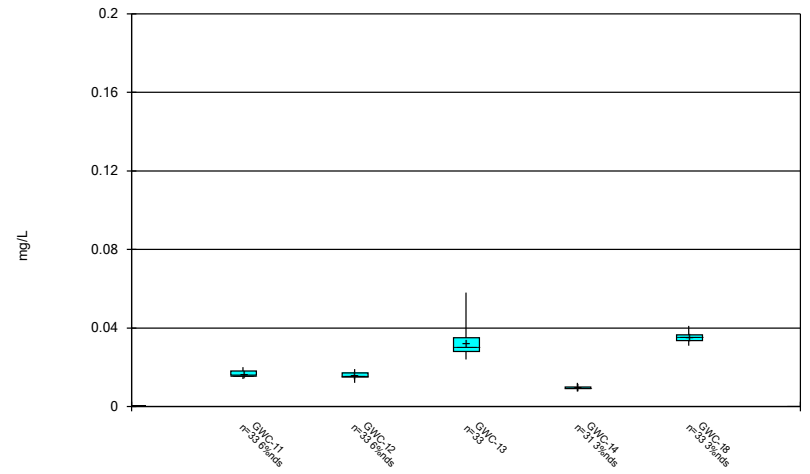
Constituent: Arsenic, Total Analysis Run 1/9/2023 11:26 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



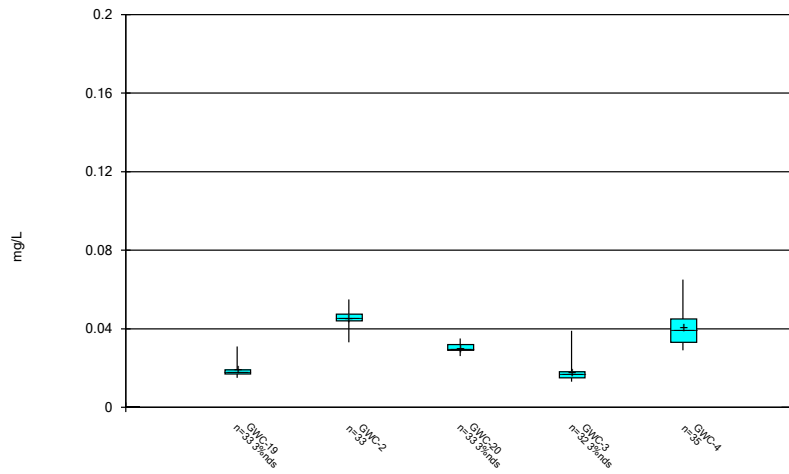
Constituent: Barium, Total Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



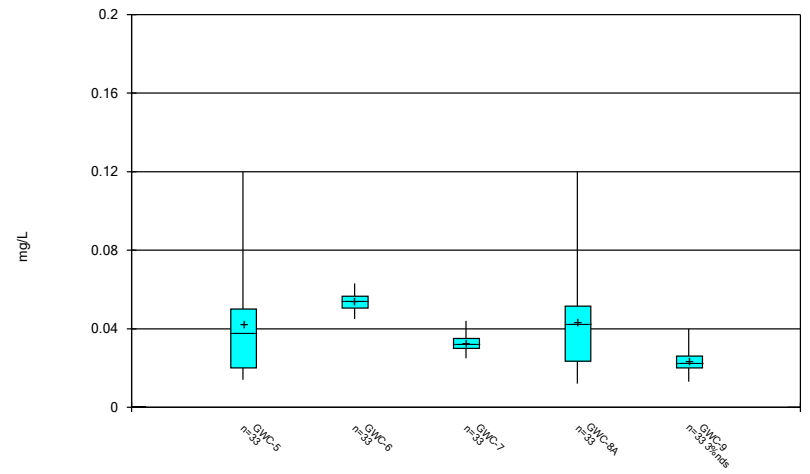
Constituent: Barium, Total Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



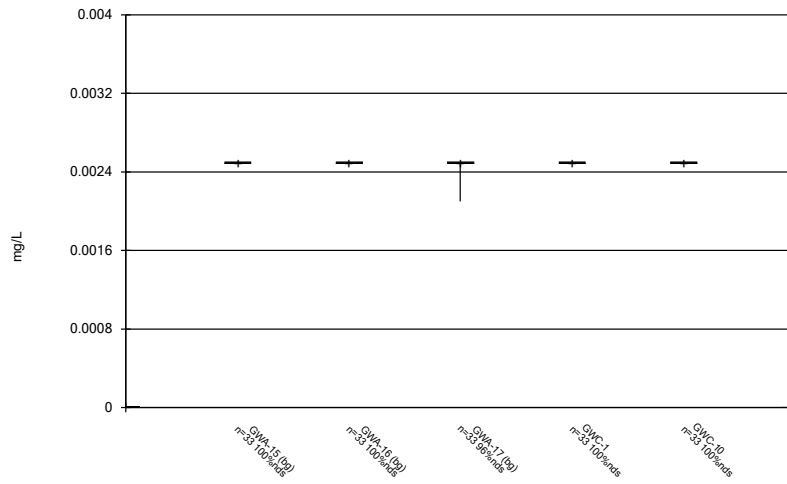
Constituent: Barium, Total Analysis Run 1/9/2023 11:26 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



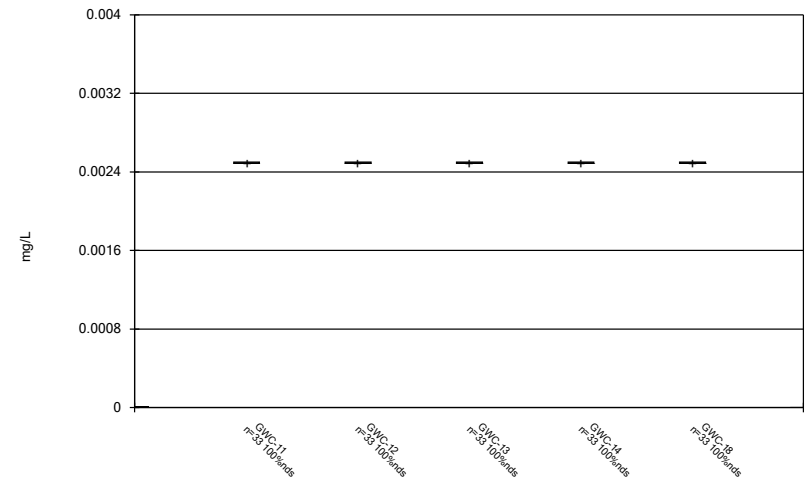
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Box & Whiskers Plot



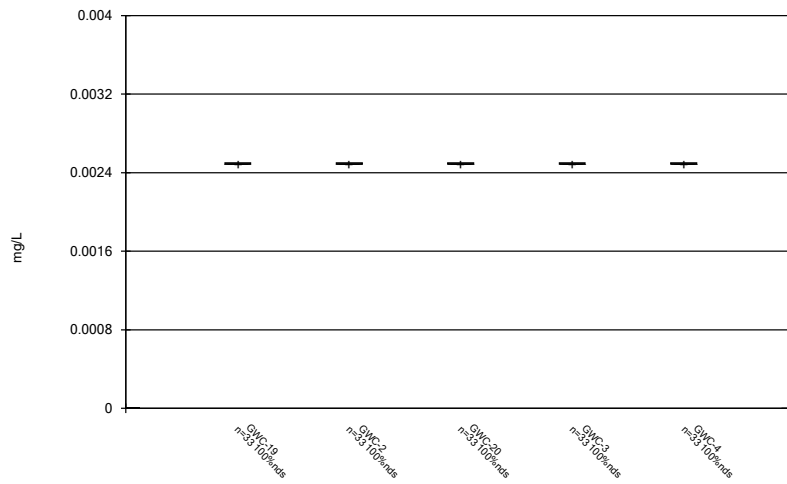
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Box & Whiskers Plot



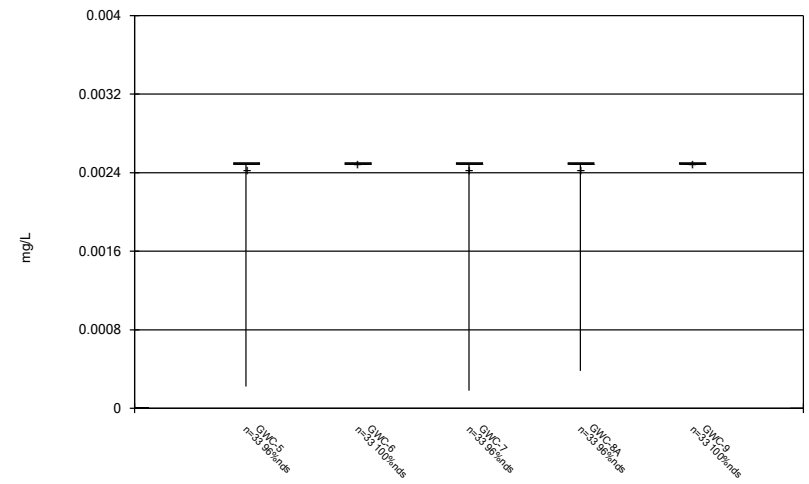
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Box & Whiskers Plot



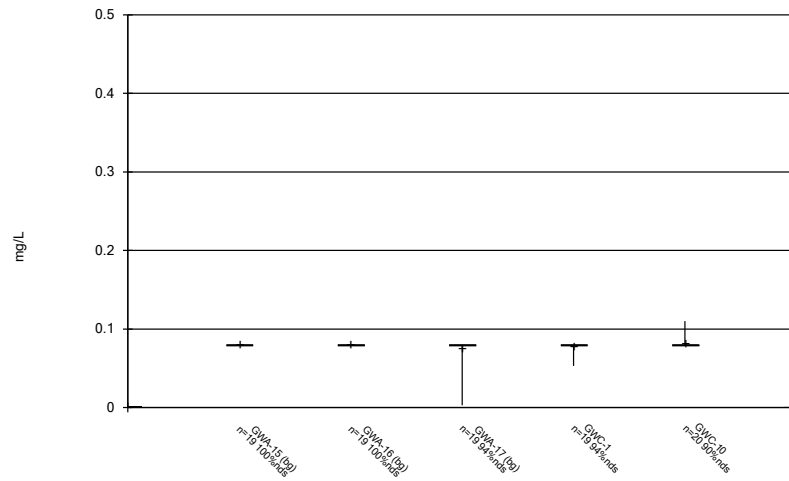
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Box & Whiskers Plot



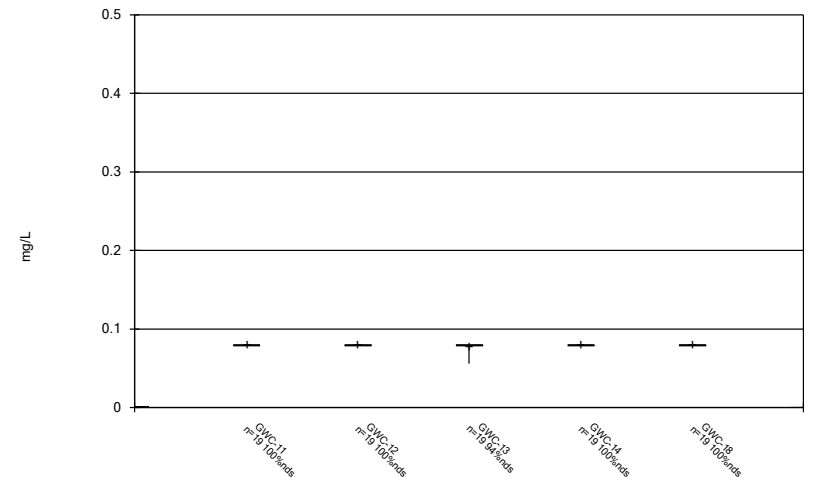
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Box & Whiskers Plot



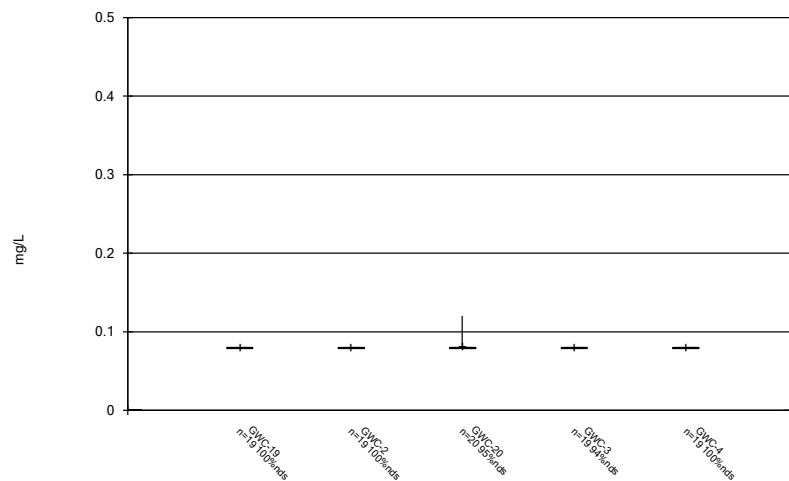
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Box & Whiskers Plot



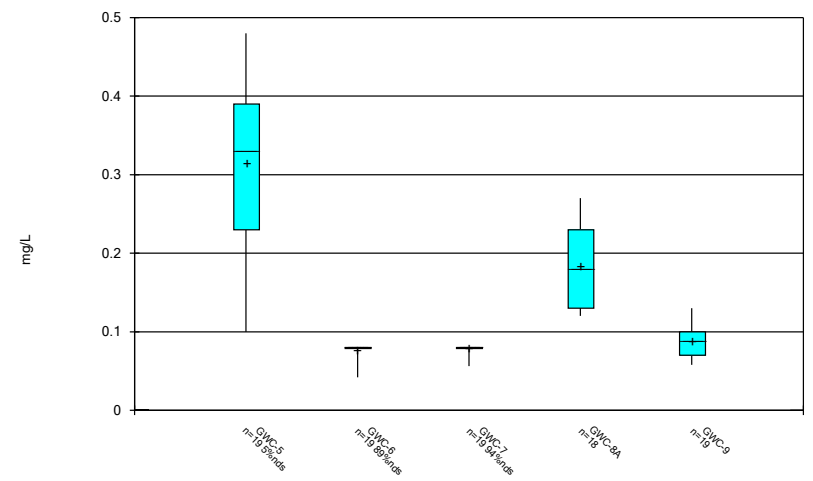
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Box & Whiskers Plot



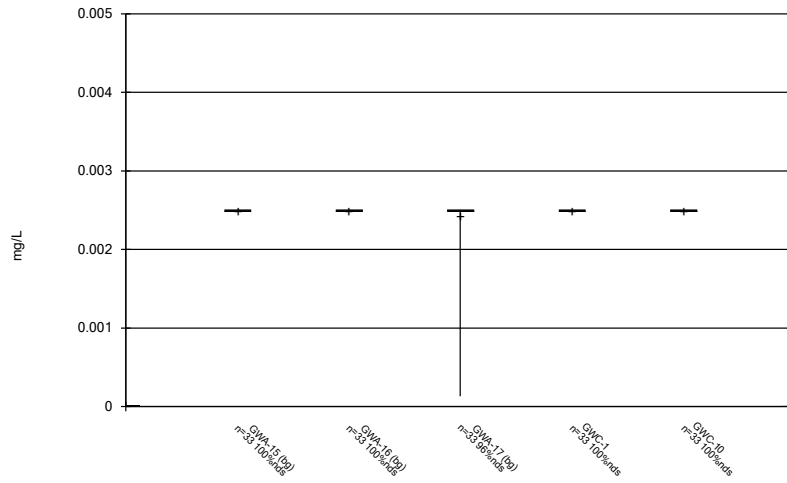
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Box & Whiskers Plot



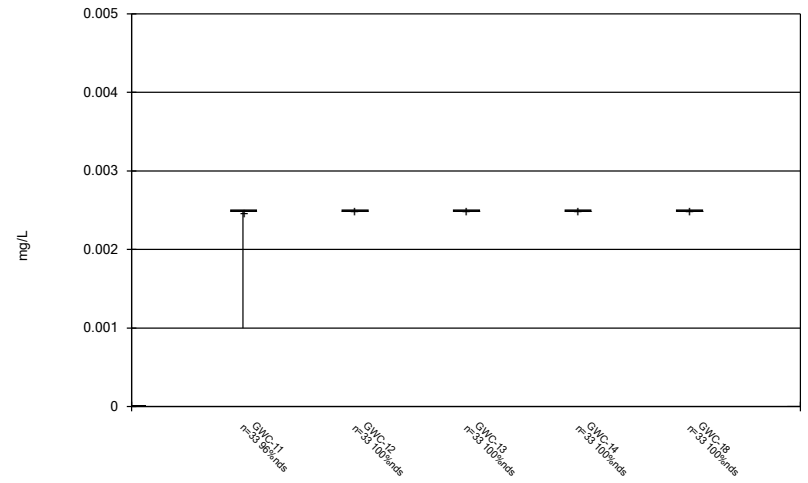
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Box & Whiskers Plot



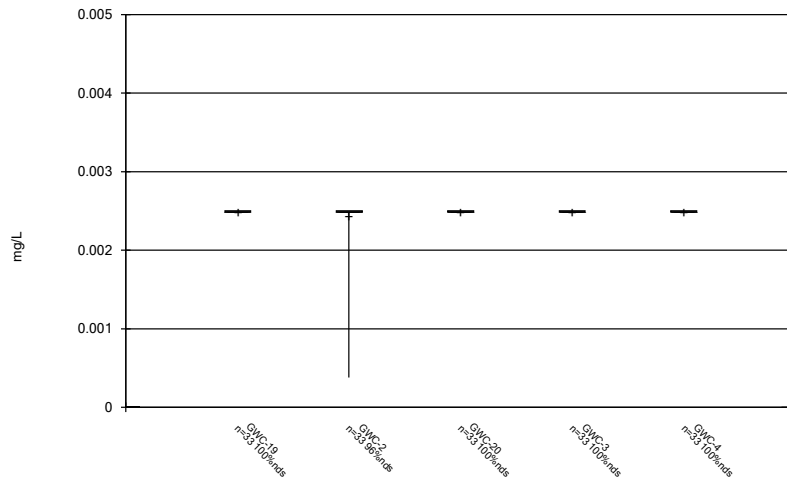
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Box & Whiskers Plot



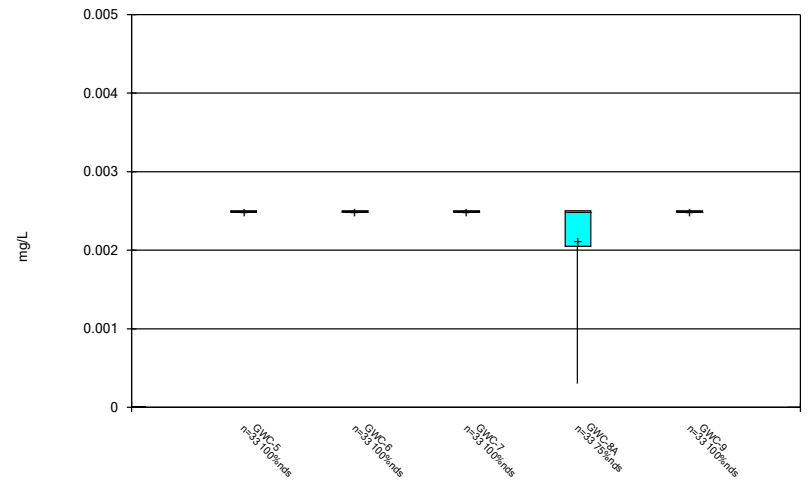
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Box & Whiskers Plot



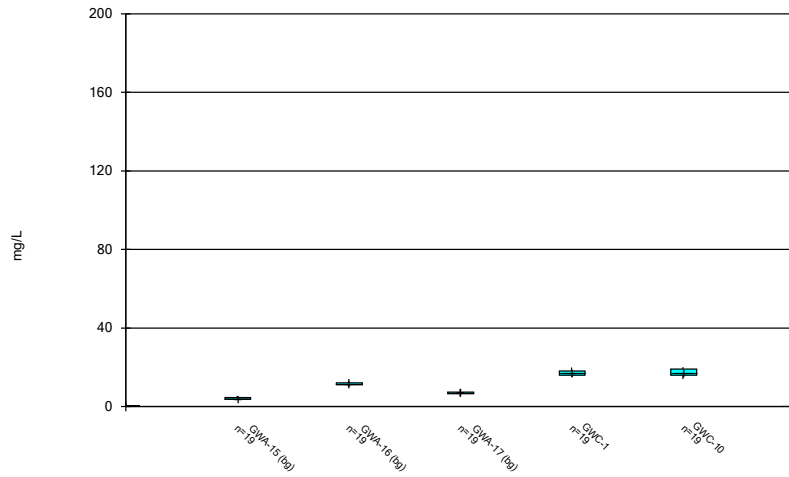
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Box & Whiskers Plot



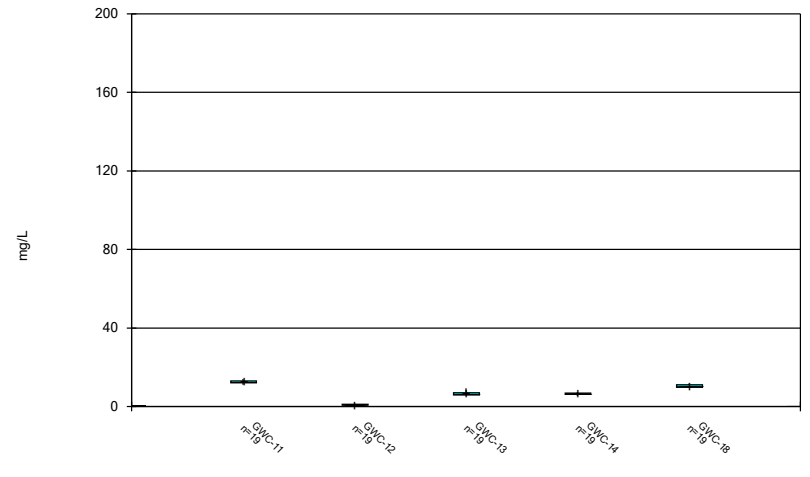
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Box & Whiskers Plot



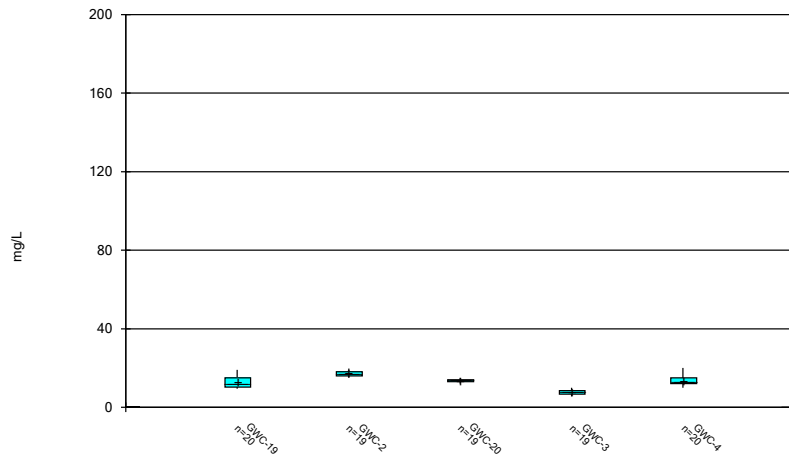
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Box & Whiskers Plot



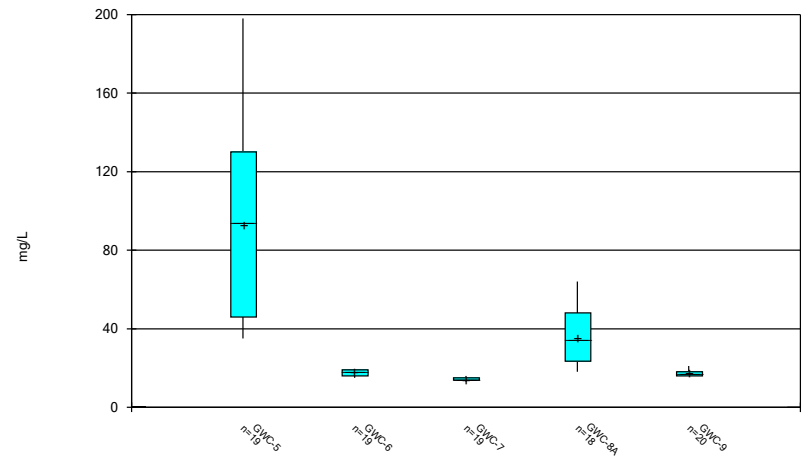
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Box & Whiskers Plot



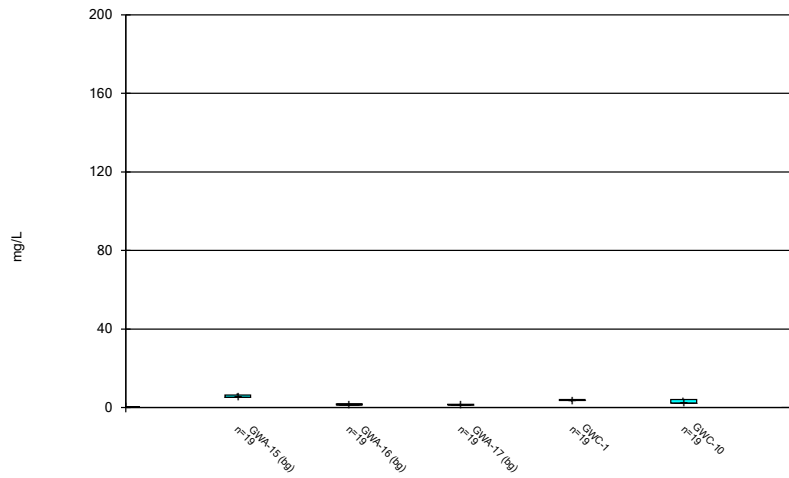
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



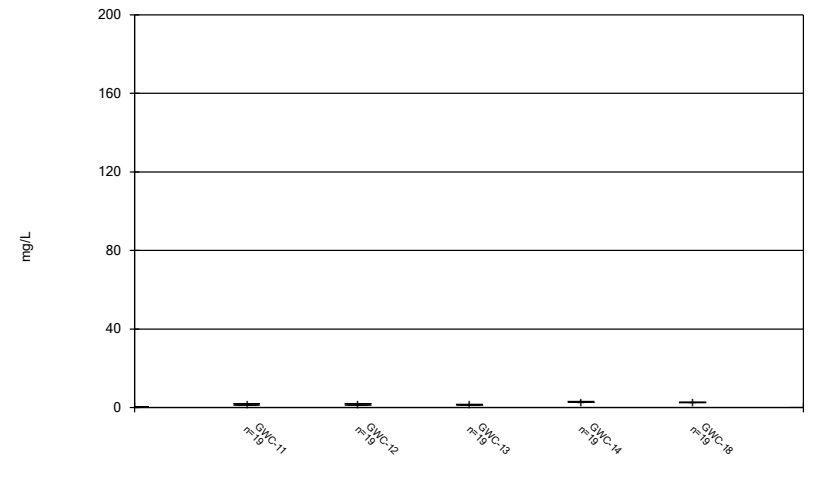
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Box & Whiskers Plot



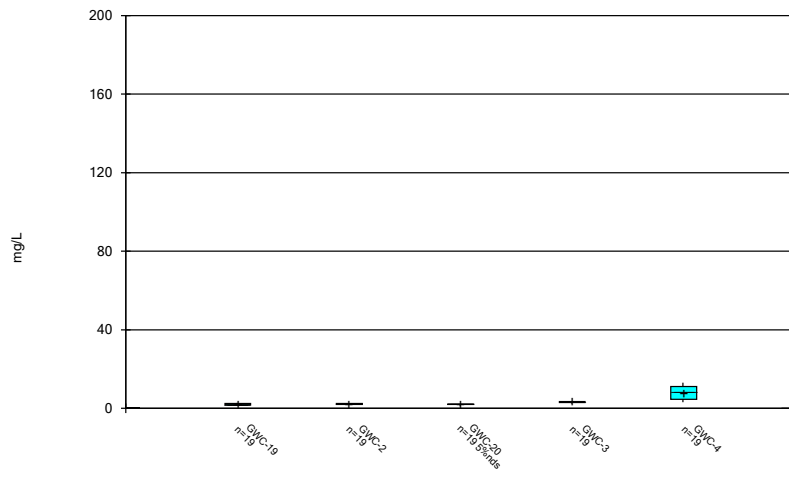
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Box & Whiskers Plot



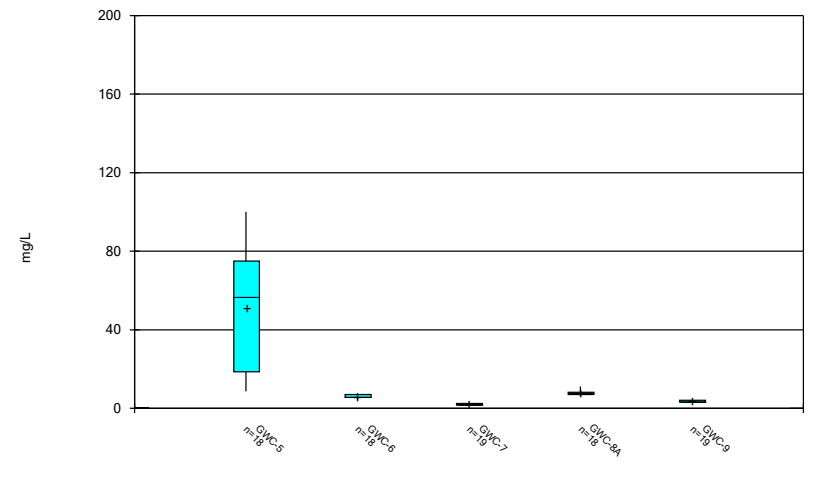
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Box & Whiskers Plot



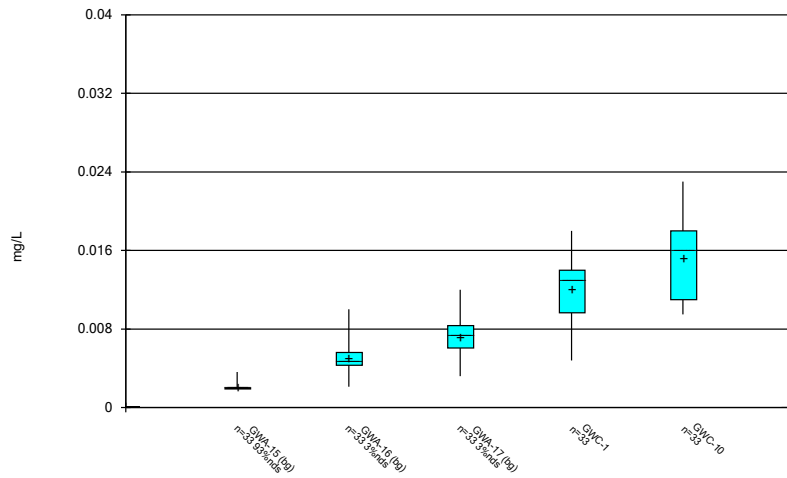
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Box & Whiskers Plot



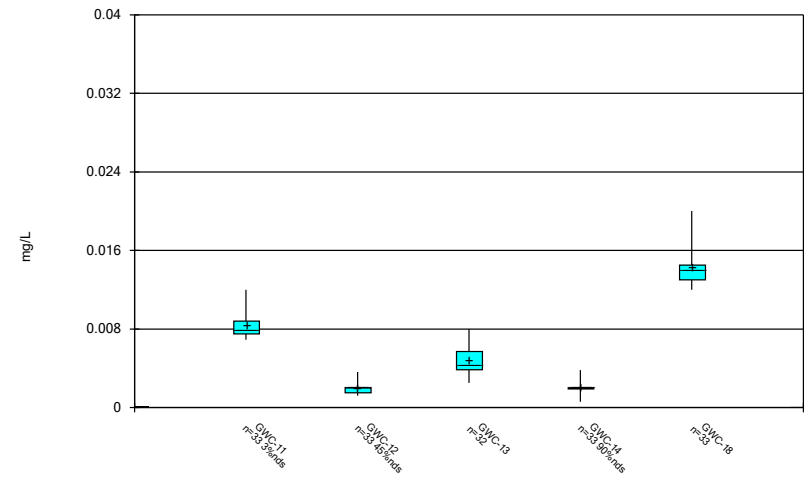
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Box & Whiskers Plot



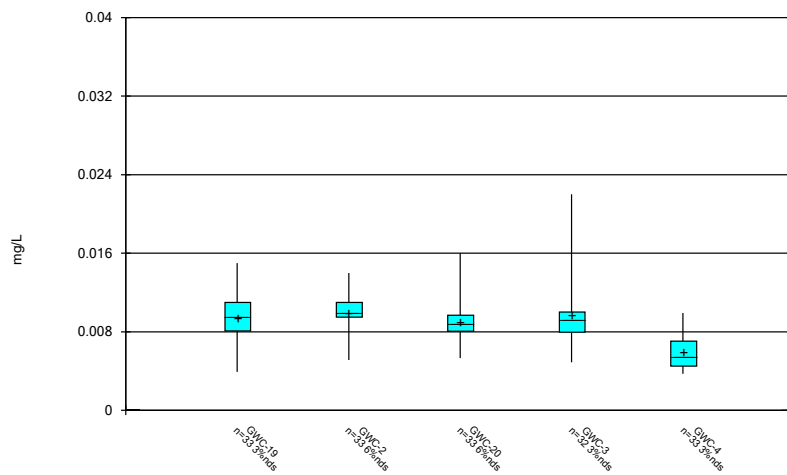
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Box & Whiskers Plot



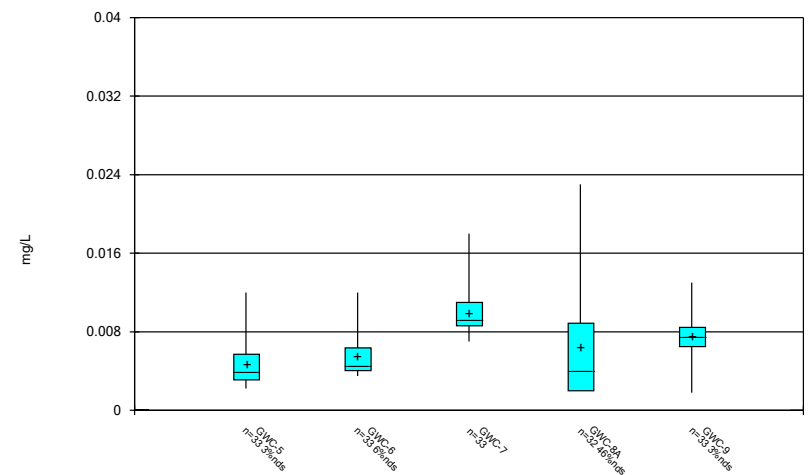
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Box & Whiskers Plot



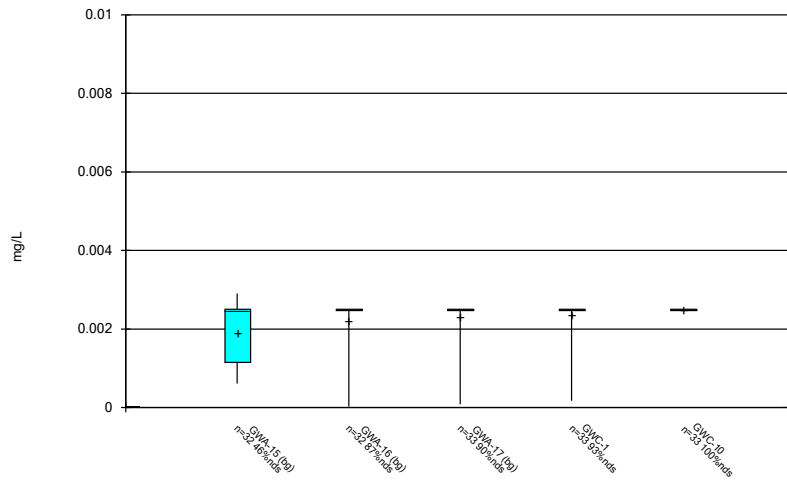
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Box & Whiskers Plot



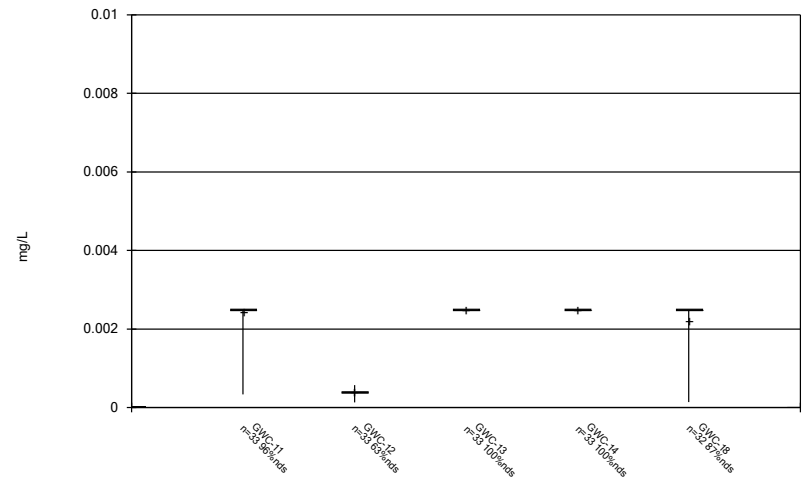
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Box & Whiskers Plot



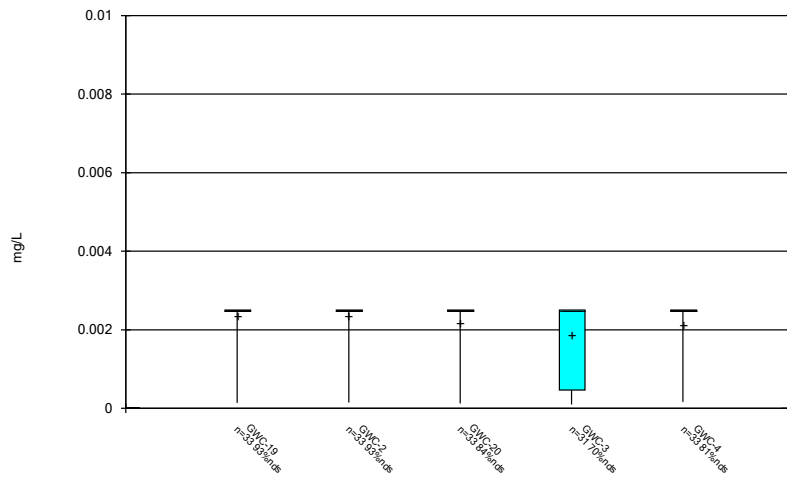
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Box & Whiskers Plot



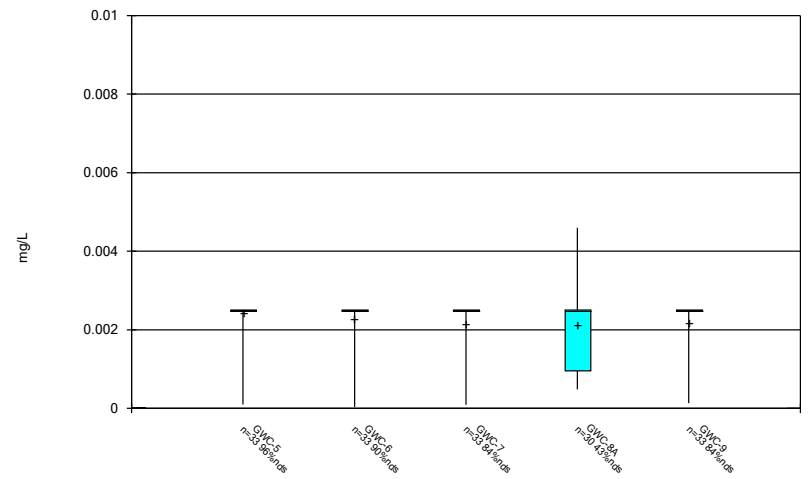
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Box & Whiskers Plot



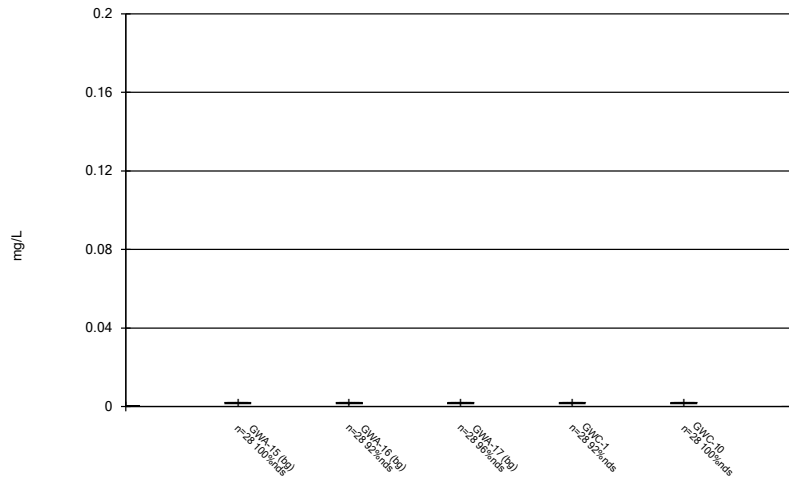
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Box & Whiskers Plot



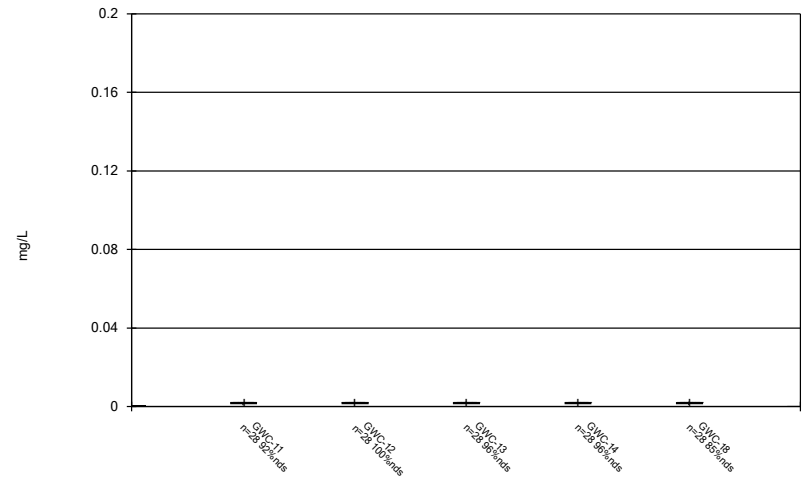
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Box & Whiskers Plot



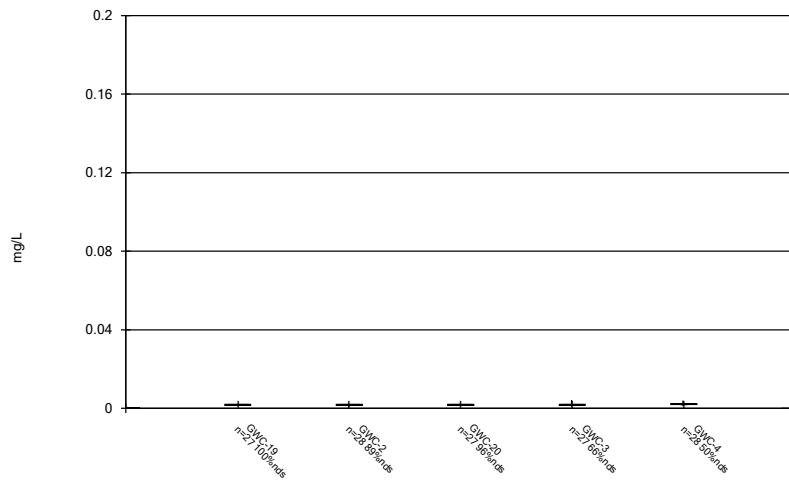
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Box & Whiskers Plot



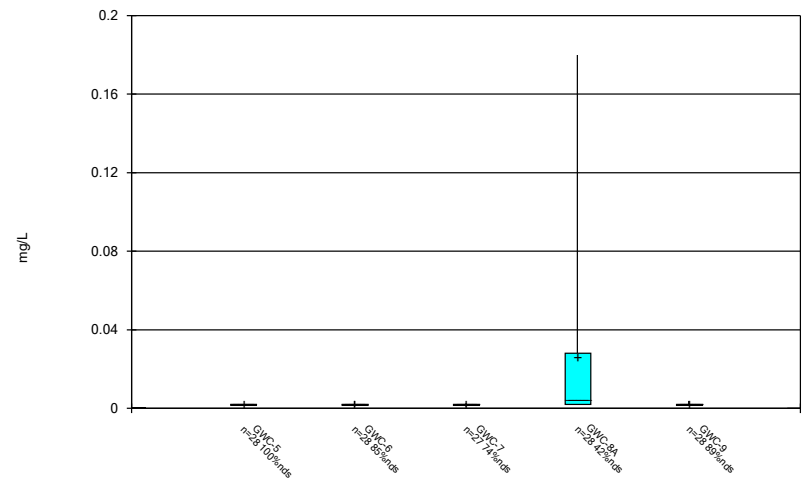
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Box & Whiskers Plot



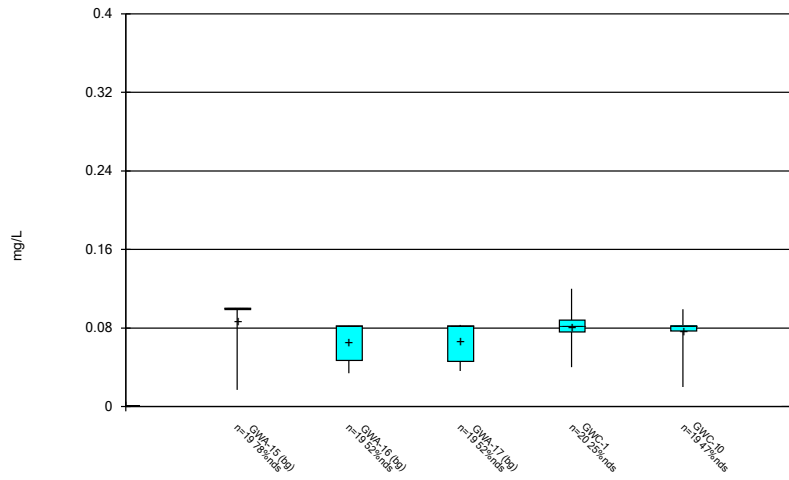
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Box & Whiskers Plot



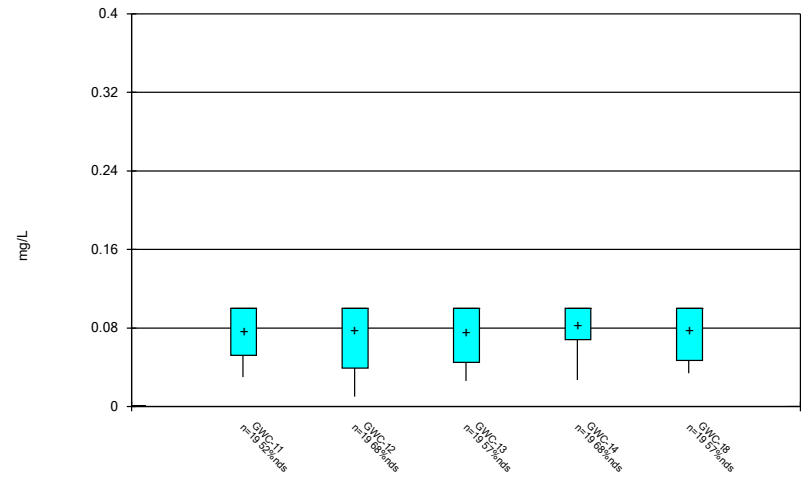
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Box & Whiskers Plot



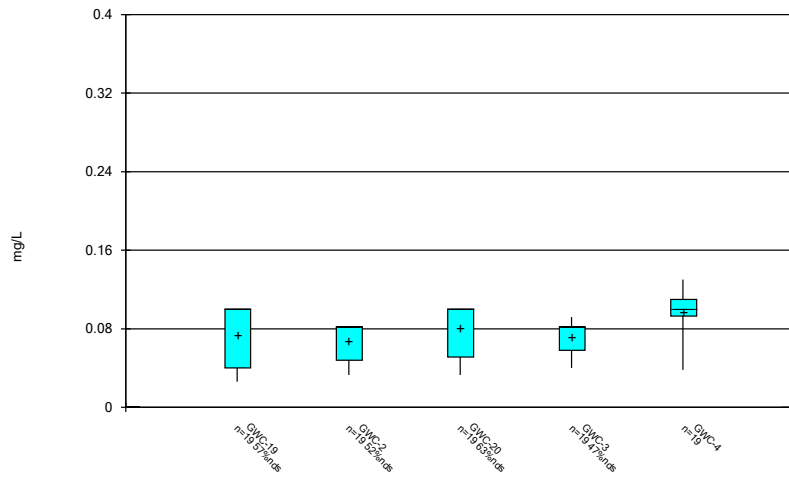
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Box & Whiskers Plot



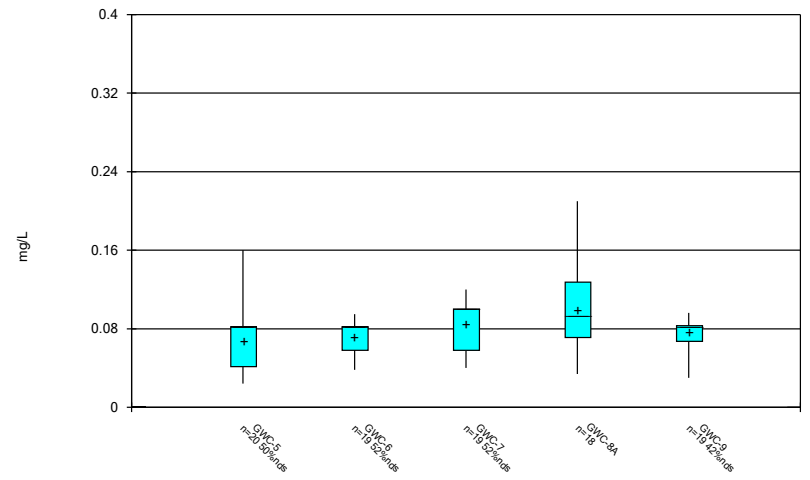
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Box & Whiskers Plot



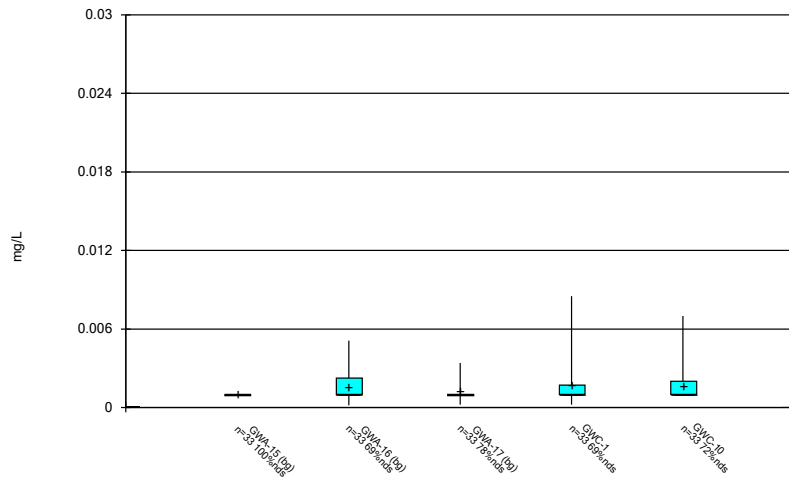
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Box & Whiskers Plot



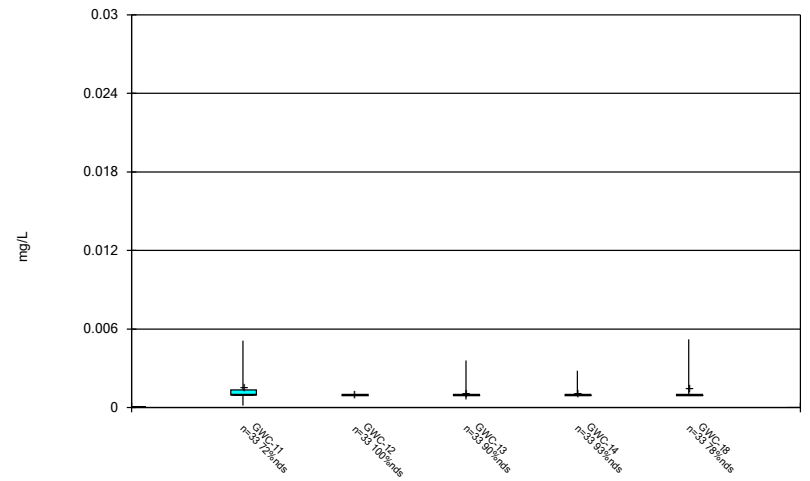
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Box & Whiskers Plot



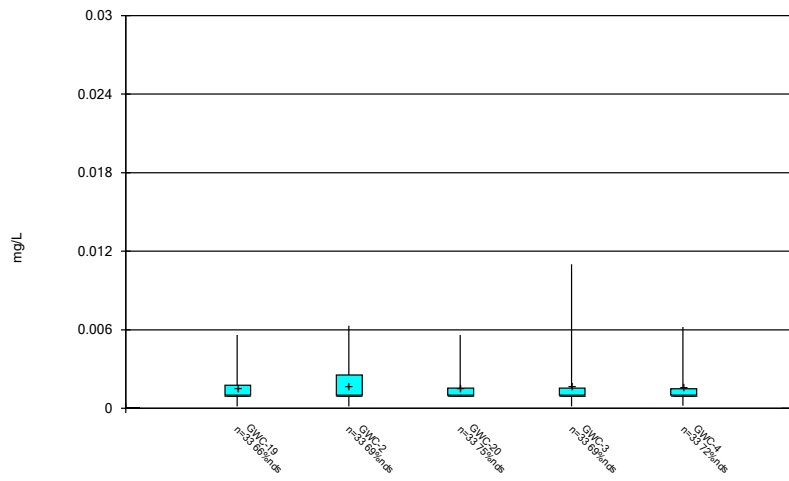
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Box & Whiskers Plot



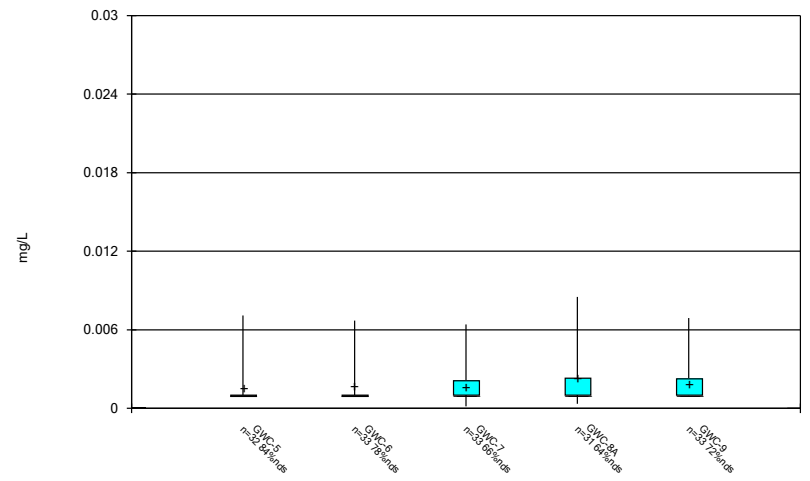
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Box & Whiskers Plot



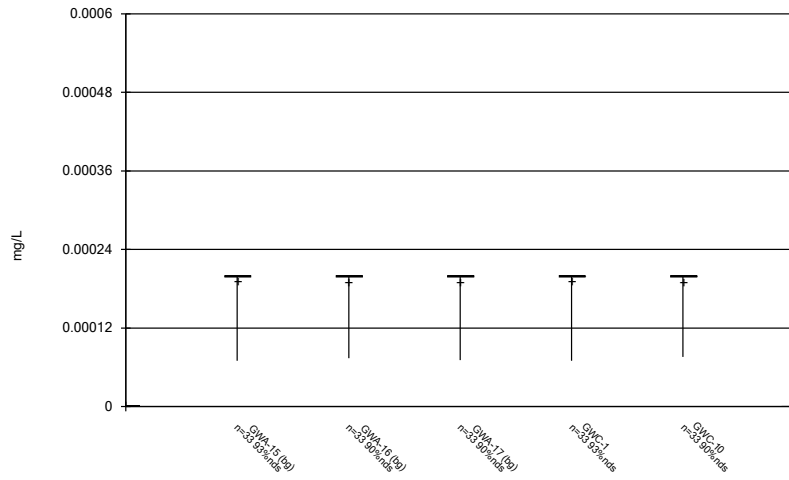
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Box & Whiskers Plot



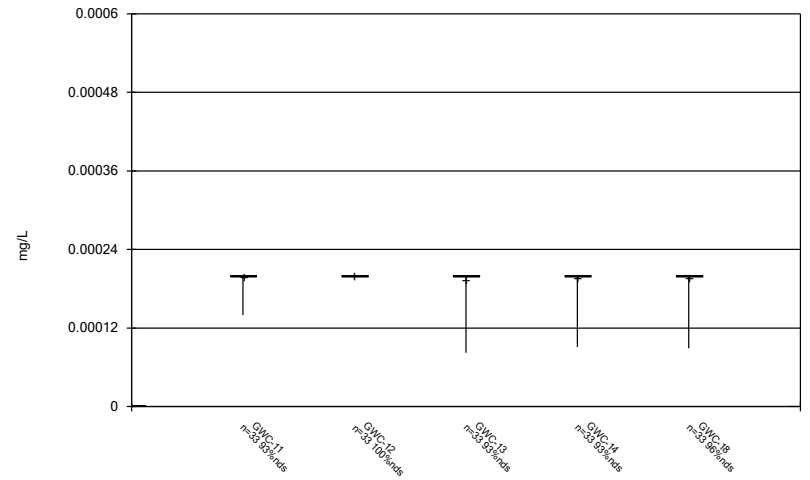
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Box & Whiskers Plot



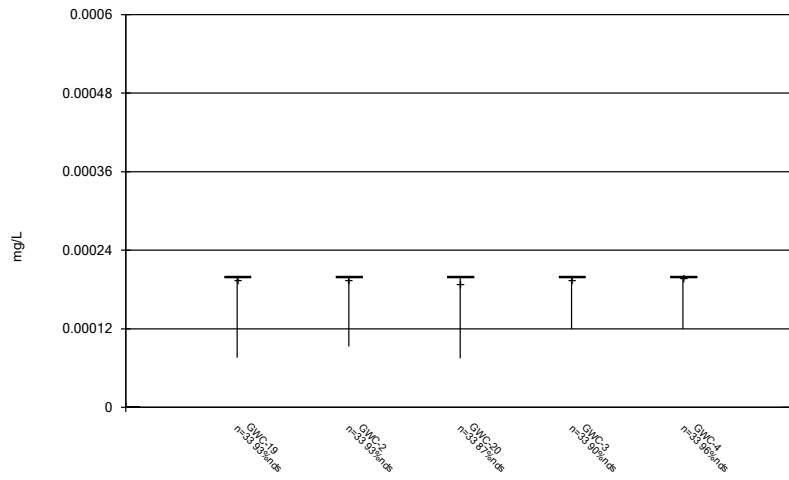
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



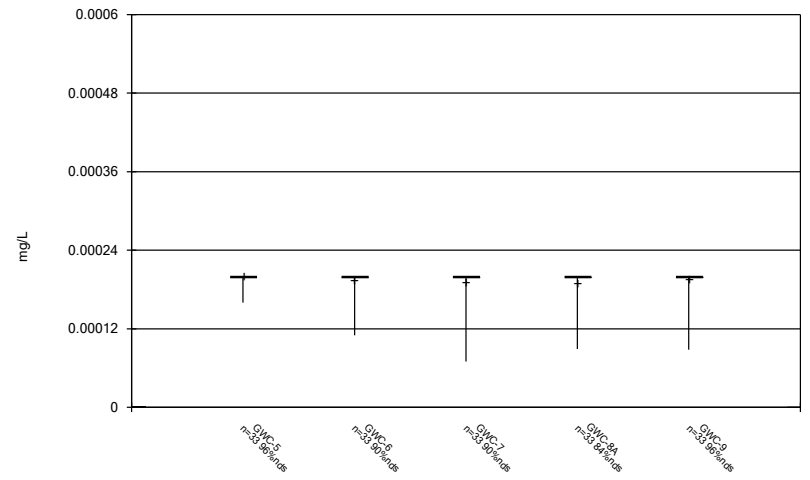
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Box & Whiskers Plot



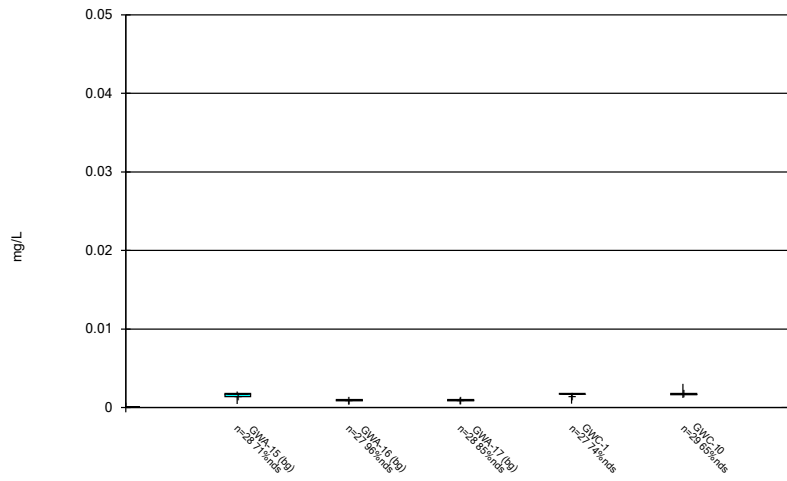
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Box & Whiskers Plot



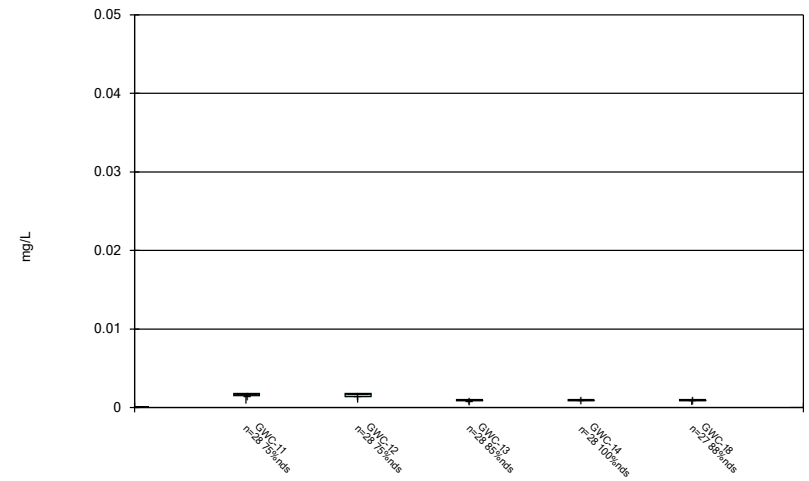
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



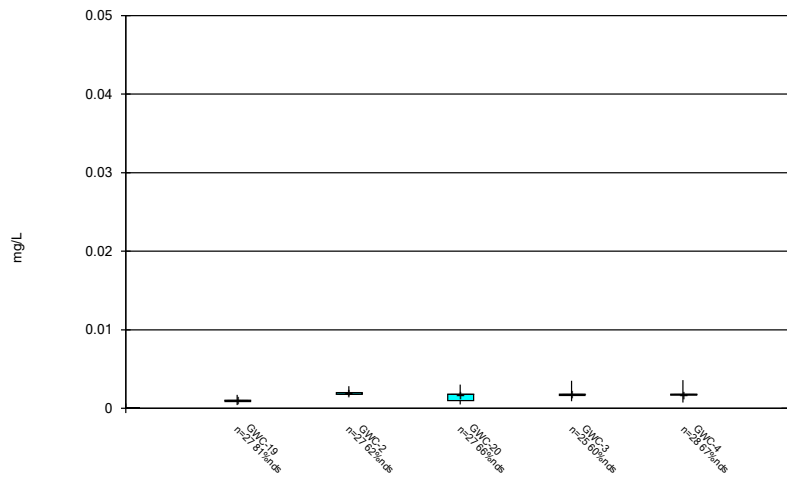
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



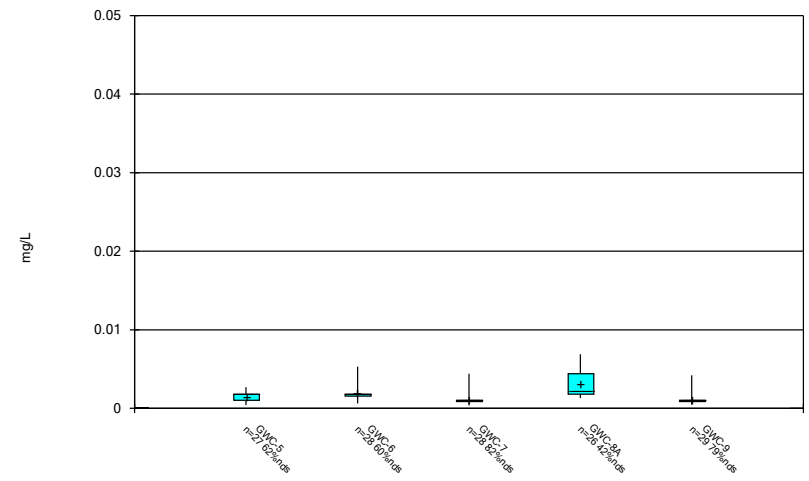
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



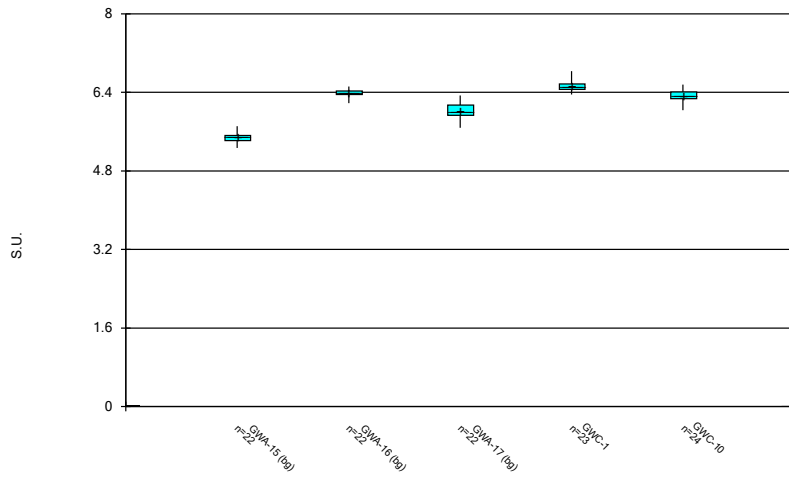
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



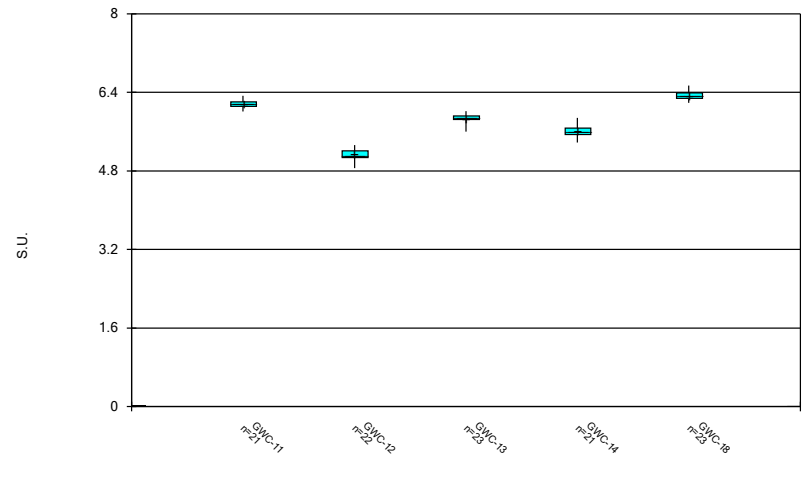
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



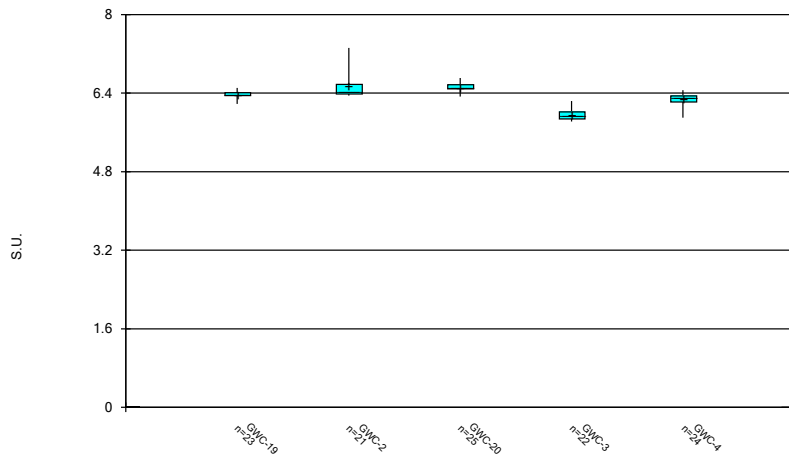
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



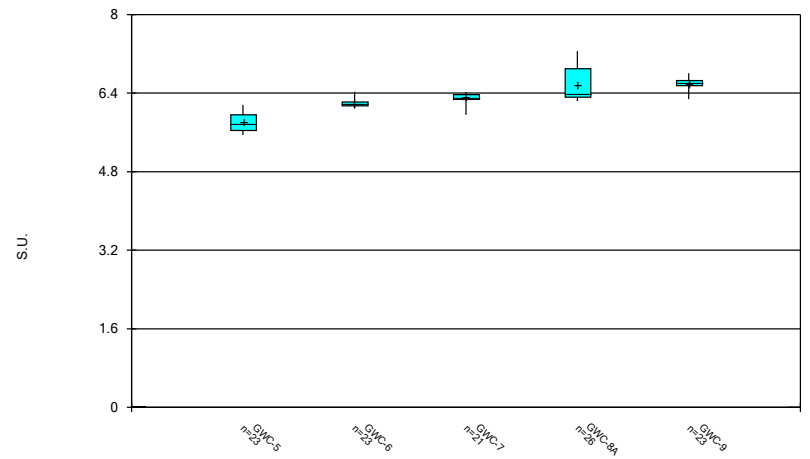
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Box & Whiskers Plot



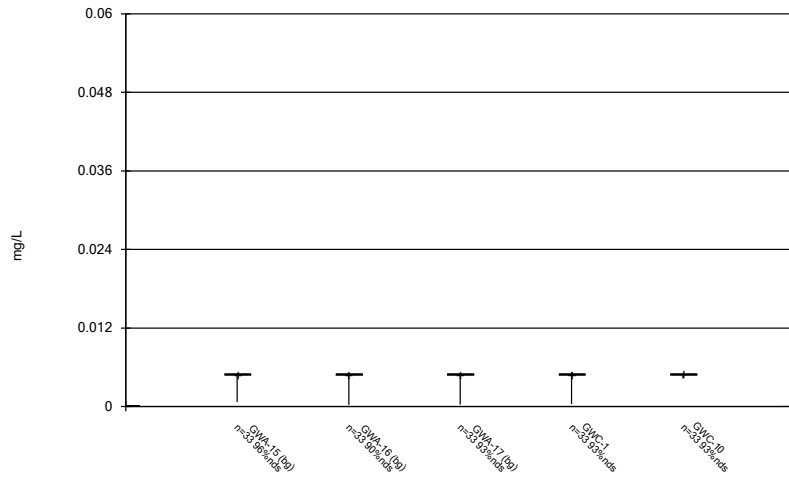
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Box & Whiskers Plot



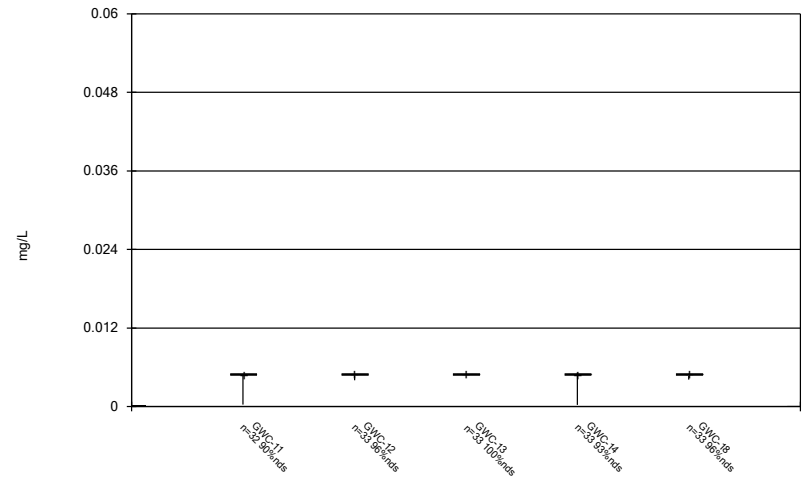
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



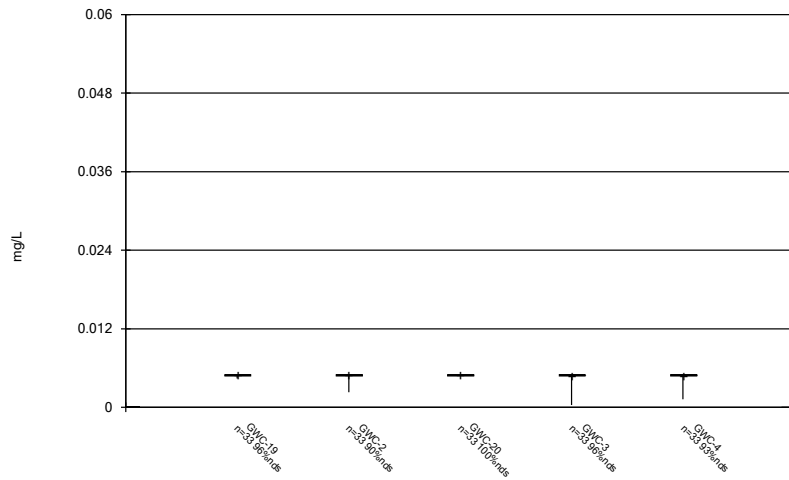
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



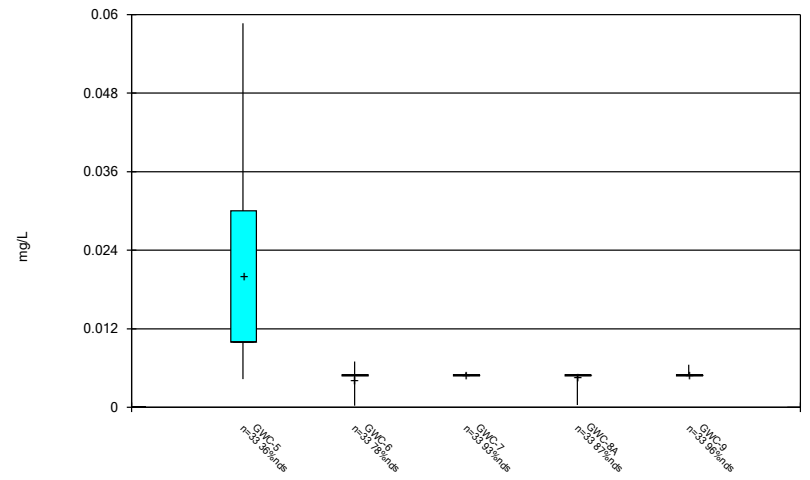
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



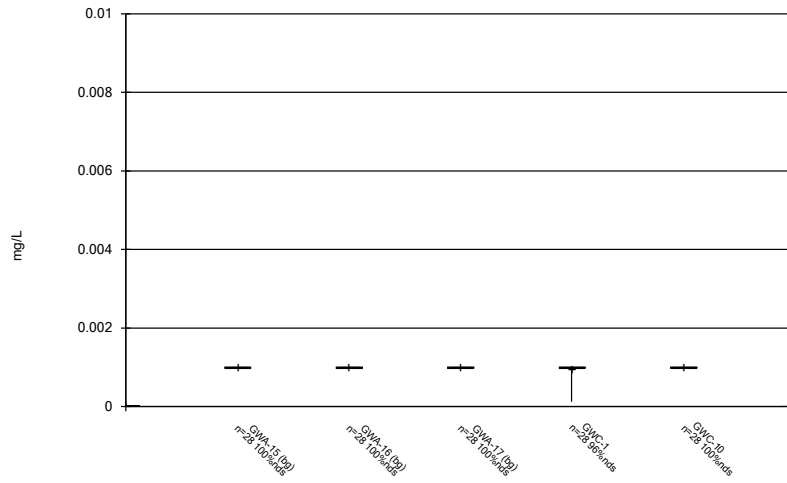
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Box & Whiskers Plot



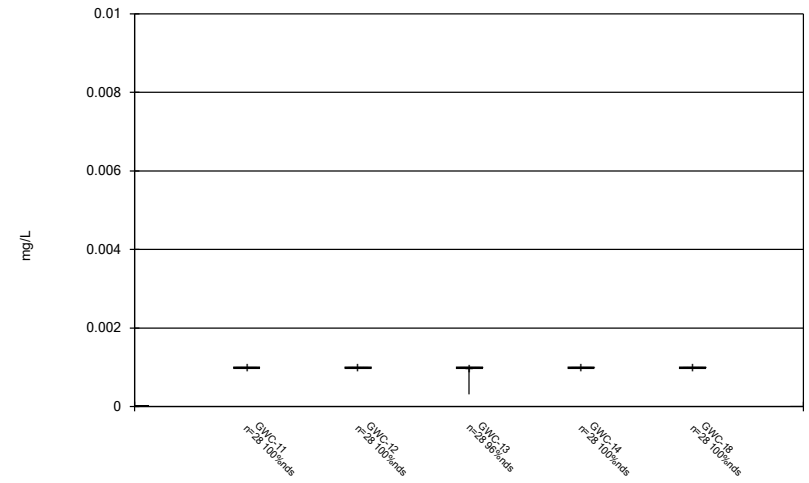
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



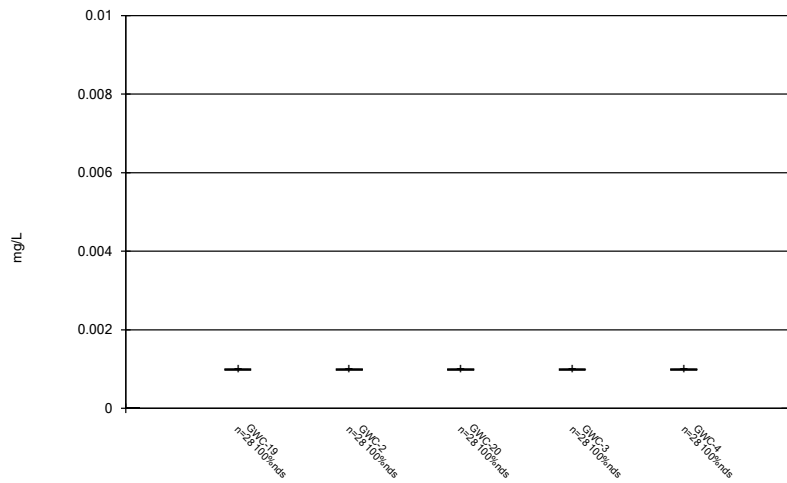
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



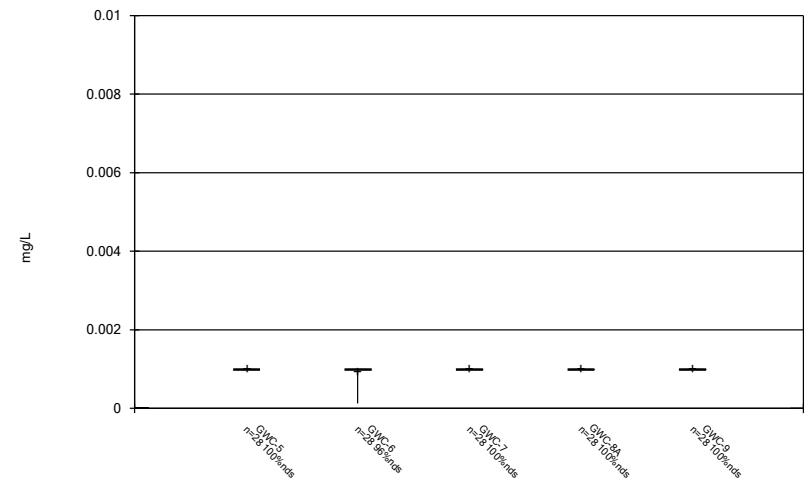
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



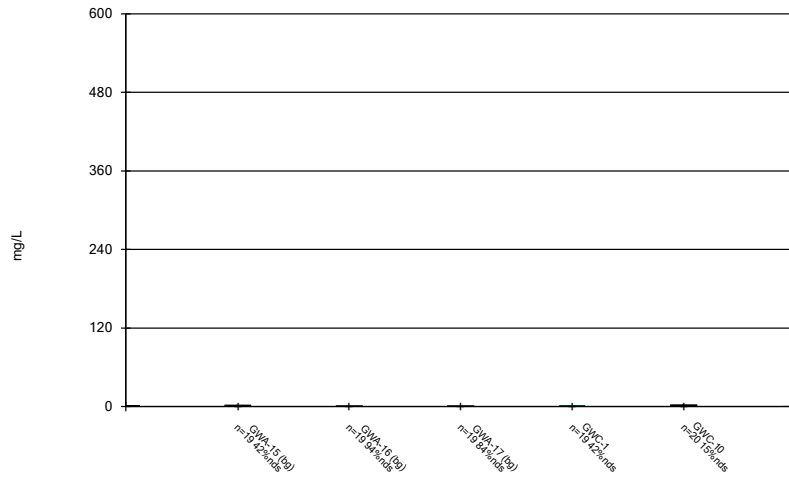
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



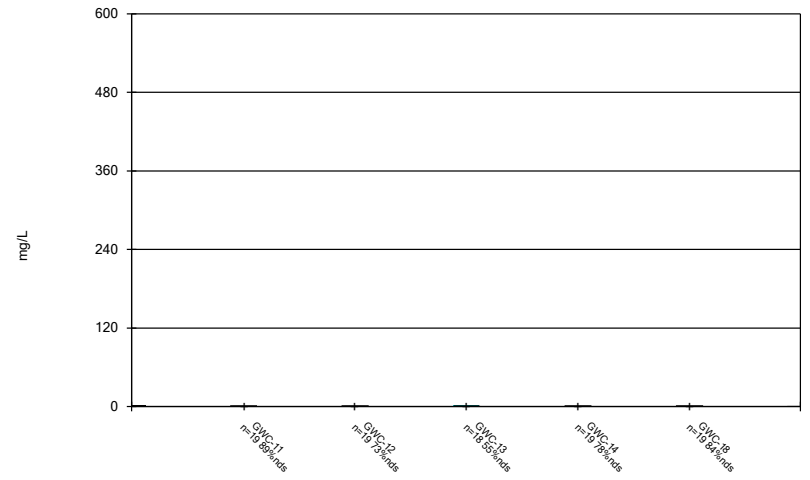
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



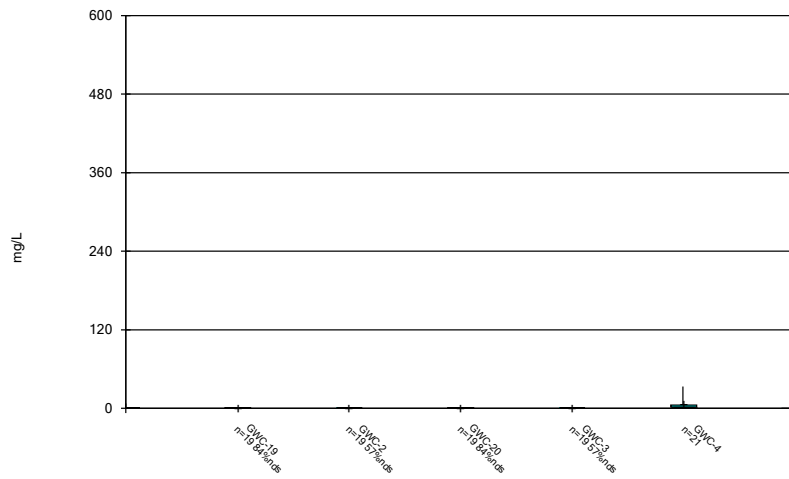
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



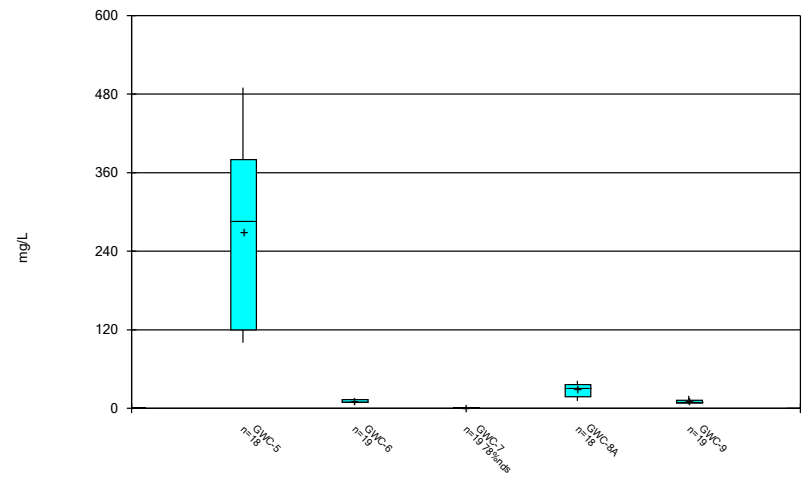
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



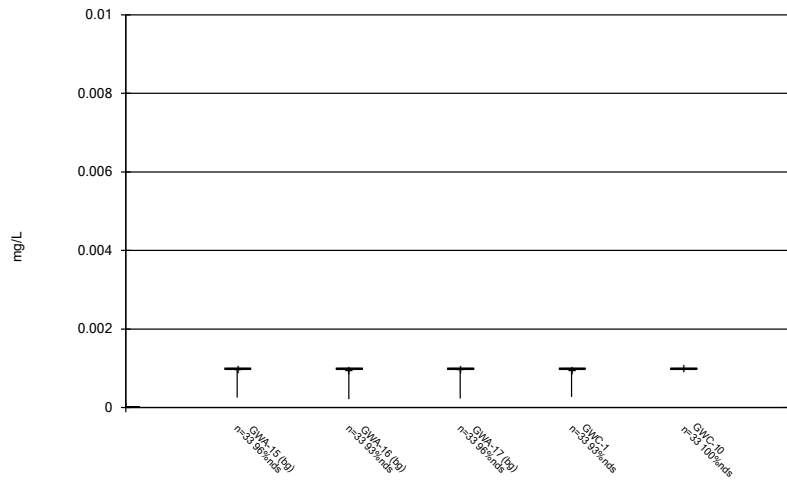
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



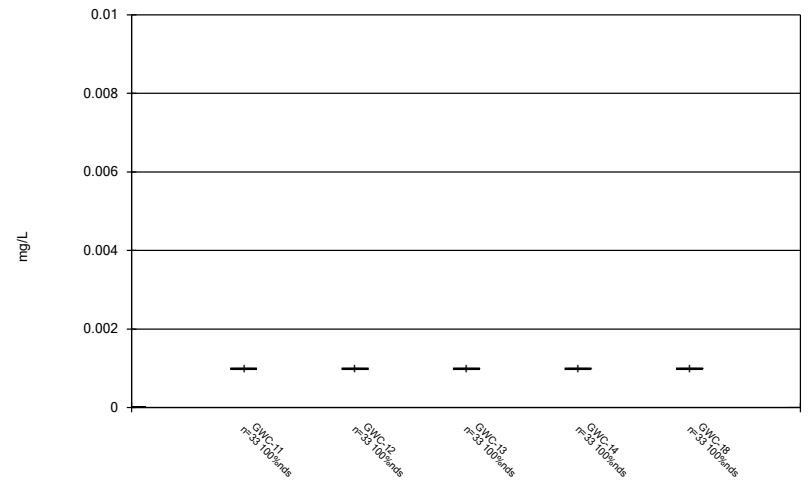
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



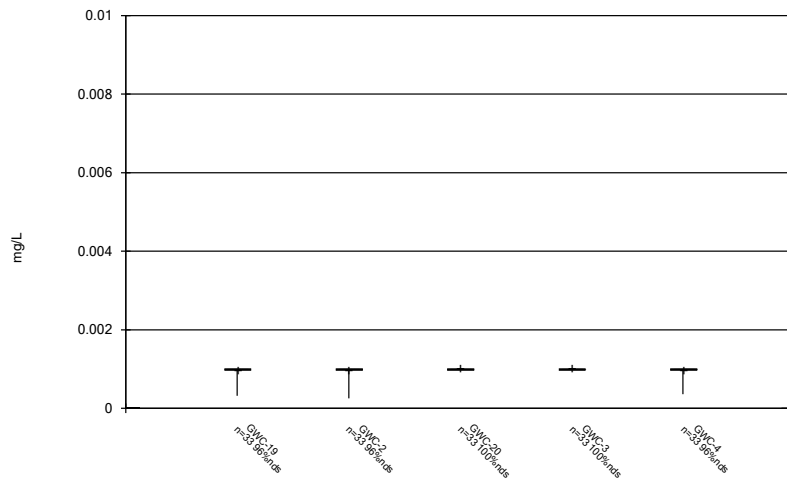
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



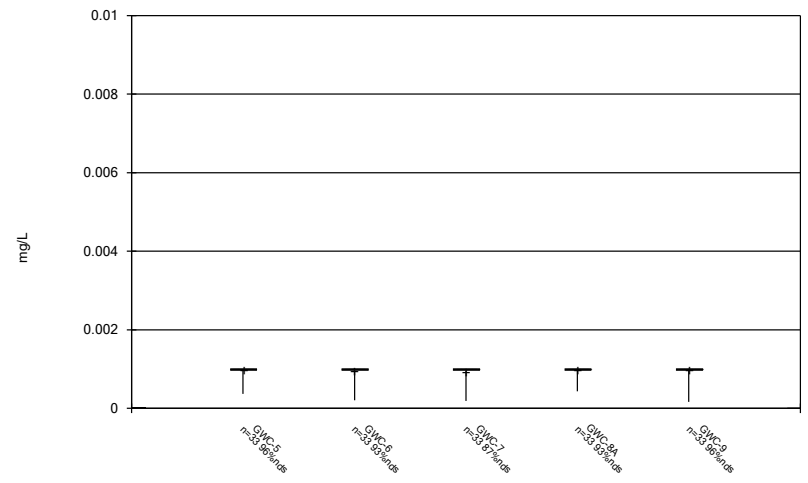
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Box & Whiskers Plot



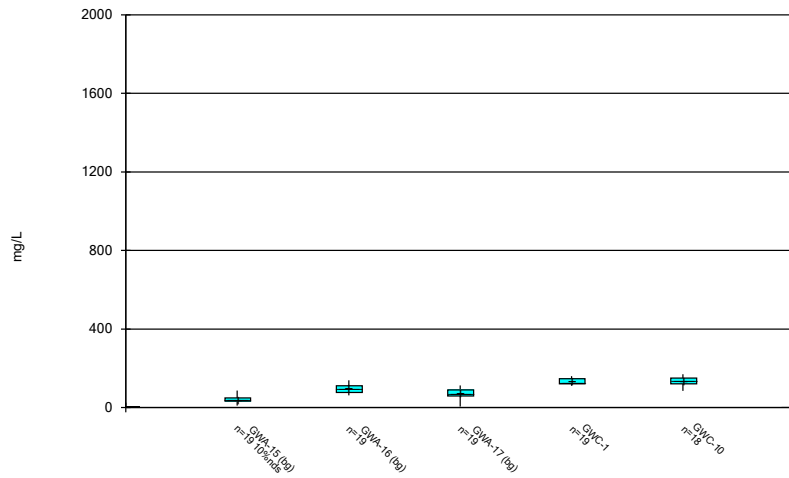
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Box & Whiskers Plot



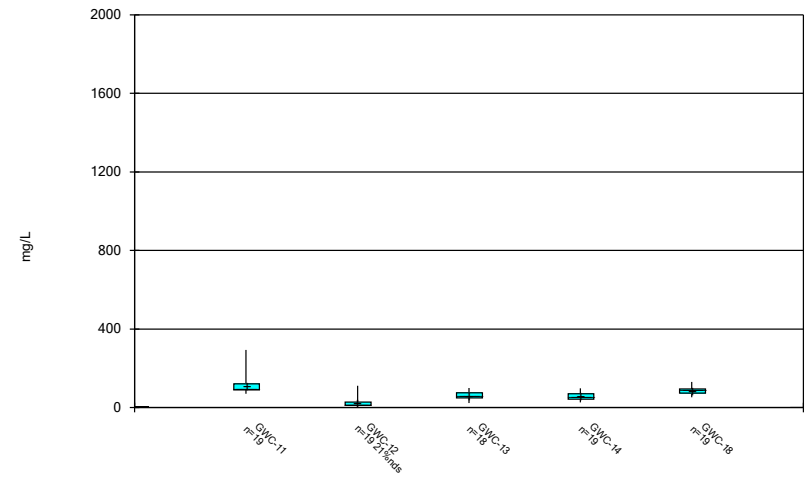
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Box & Whiskers Plot



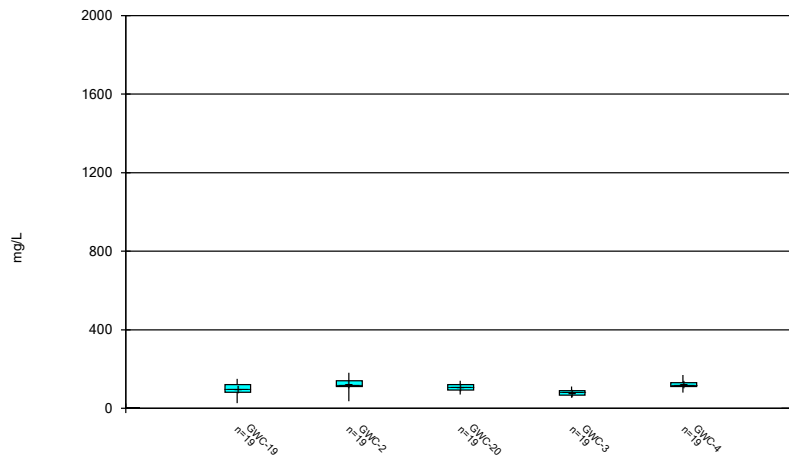
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Box & Whiskers Plot



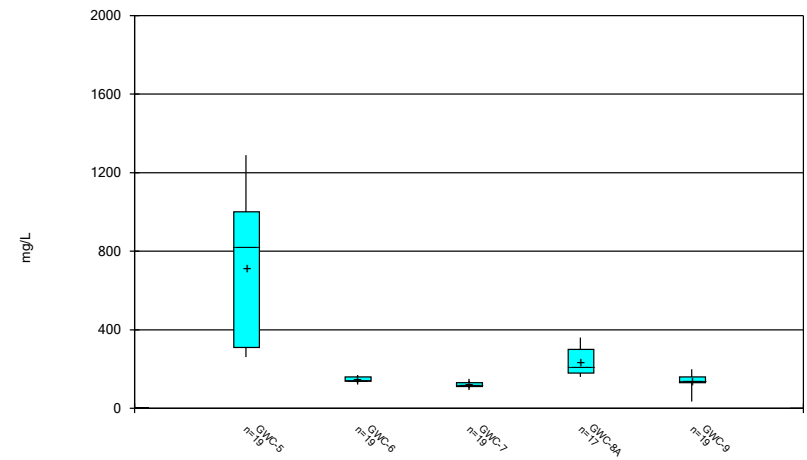
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Box & Whiskers Plot



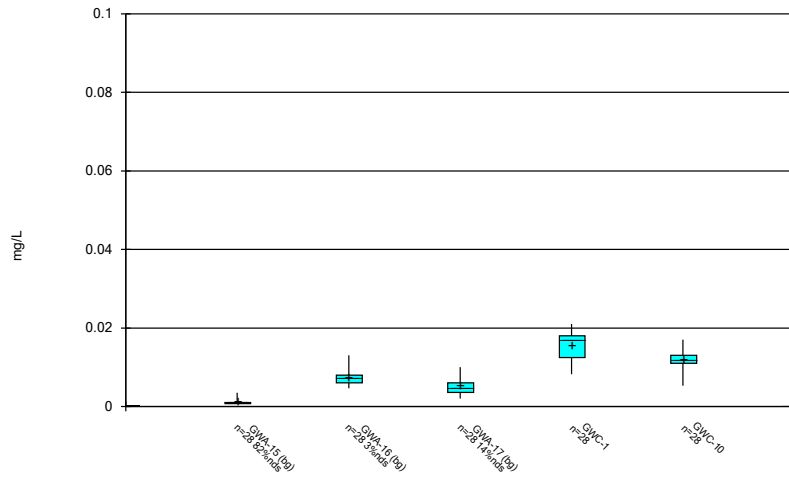
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Box & Whiskers Plot



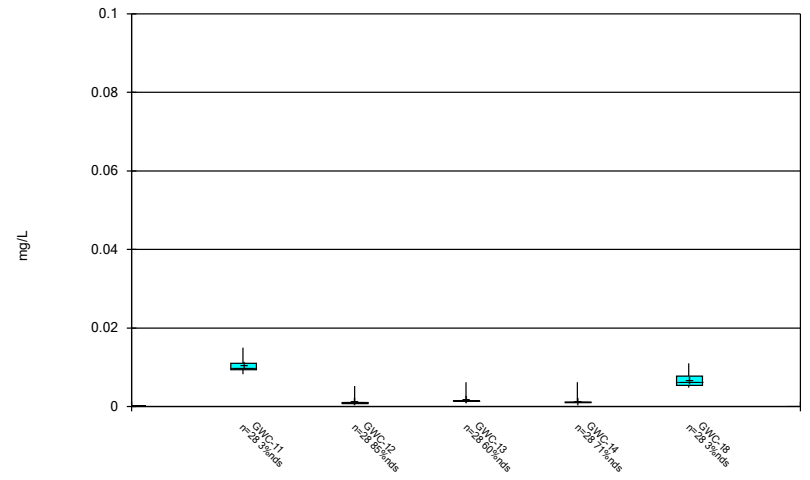
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



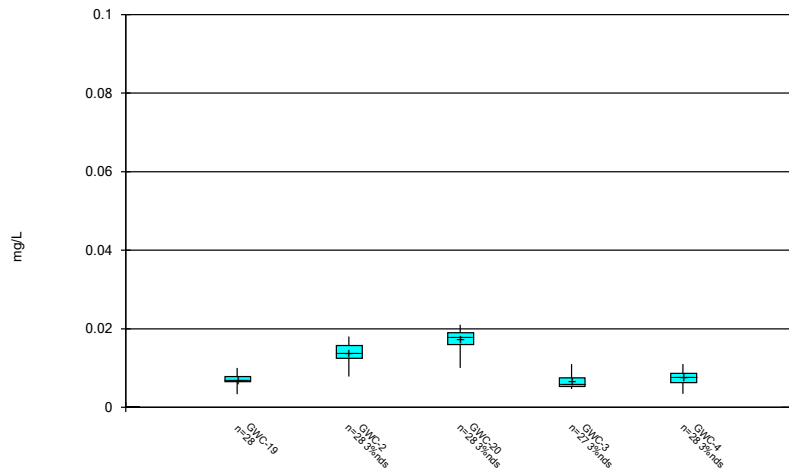
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



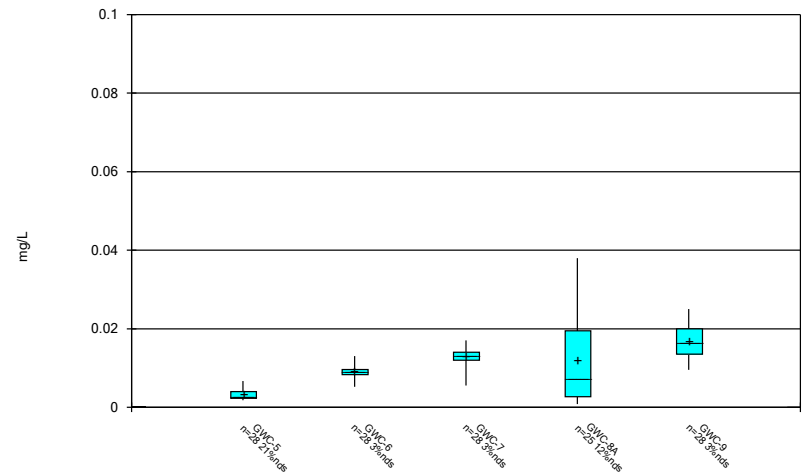
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



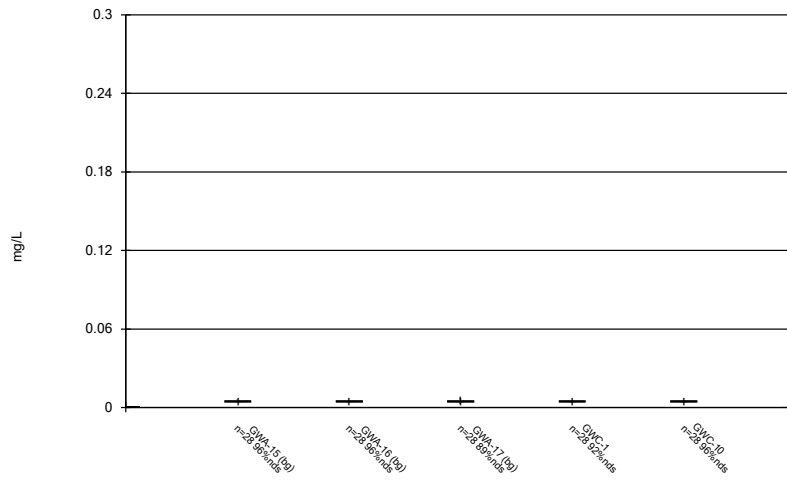
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



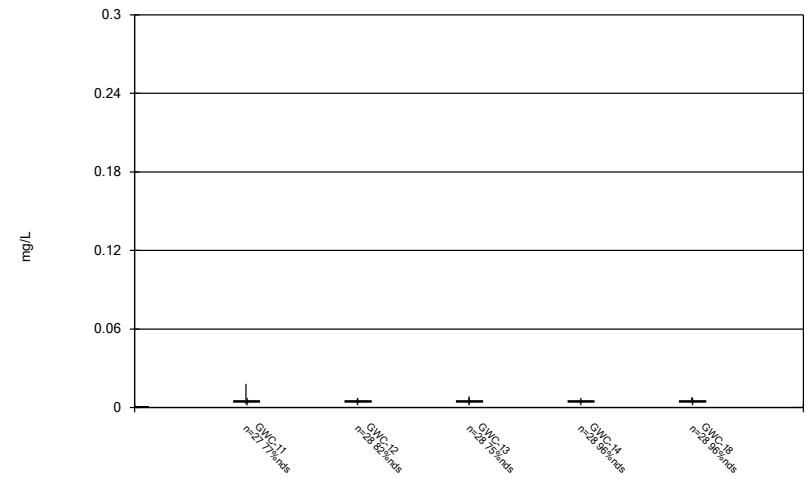
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



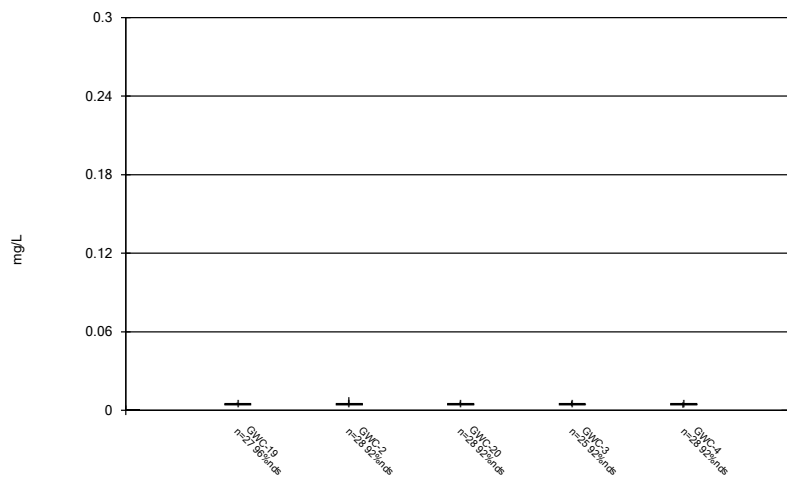
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Box & Whiskers Plot



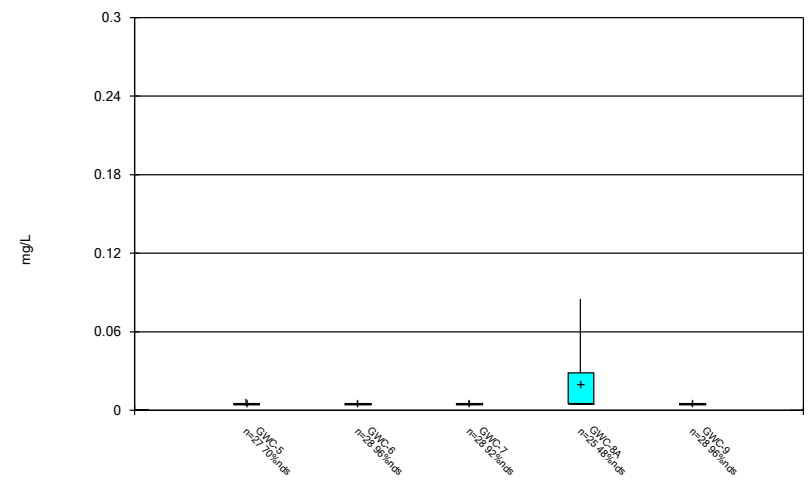
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Box & Whiskers Plot



Constituent: Zinc Analysis Run 1/9/2023 11:28 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



Constituent: Zinc Analysis Run 1/9/2023 11:28 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

FIGURE C.

Outlier Summary

	GWC-3 Zinc (mg/L)	GWC-5 Zinc (mg/L)	GWC-8A Zinc (mg/L)
5/11/2010	0.018 (O)		
6/18/2010			
7/28/2010	0.016 (O)		
9/7/2010			
4/28/2011			
4/29/2011			
4/30/2011		0.13 (O)	
10/28/2011			
5/3/2012			
5/10/2013		0.23 (O)	
11/13/2014		0.13 (O)	
5/22/2015			
5/23/2015			
5/24/2015			
4/6/2016			
4/19/2016		0.0133 (O)	
6/21/2016			
10/5/2016	0.01 (O)		
10/10/2016			
2/7/2017			
2/8/2017			
4/6/2017			
3/20/2018			
3/22/2018			
10/2/2018			
3/18/2020			

FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 4:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-10	0.03499	n/a	8/25/2022	0.035	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	8/25/2022	0.03	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	n/a	8/25/2022	0.054	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-9	0.03624	n/a	8/25/2022	0.04	Yes	29	0.02271	0.005359	3.448	None	No	0.0001937	Param Intra 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	8/25/2022	0.003	Yes	24	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0015	n/a	8/25/2022	0.0017	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	8/25/2022	0.0042	Yes	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 4:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-16	0.002	n/a	8/25/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-12	0.002	n/a	8/26/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-18	0.002	n/a	8/25/2022	0.002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-19	0.002	n/a	8/25/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-2	0.002	n/a	8/26/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-3	0.002	n/a	8/25/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-4	0.002	n/a	8/25/2022	0.00058J	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-7	0.002	n/a	8/25/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-15	0.01222	n/a	8/25/2022	0.012	No	29	1.0e-6	3.3e-7	3.448	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-16	0.039	n/a	8/25/2022	0.025	No	29	n/a	n/a	0	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-17	0.05168	n/a	8/24/2022	0.031	No	29	0.03311	0.007355	3.448	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-1	0.05736	n/a	8/24/2022	0.043	No	29	0.04657	0.004275	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-10	0.03499	n/a	8/25/2022	0.035	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-11	0.02014	n/a	8/25/2022	0.018	No	29	0.000004282	0.000001538	6.897	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-12	0.02024	n/a	8/26/2022	0.018	No	29	0.0002401	0.00006713	6.897	None	x^2	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-13	0.04187	n/a	8/26/2022	0.035	No	25	0.3096	0.01457	0	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-14	0.01121	n/a	8/26/2022	0.011	No	27	8.3e-7	2.3e-7	3.704	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-18	0.04194	n/a	8/25/2022	0.035	No	29	0.0000432	0.00001211	3.448	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	8/25/2022	0.03	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-2	0.05512	n/a	8/26/2022	0.045	No	29	0.04531	0.003886	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-20	0.03633	n/a	8/25/2022	0.031	No	29	0.00002787	0.00000795	3.448	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-3	0.039	n/a	8/25/2022	0.013	No	28	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	n/a	8/25/2022	0.054	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-5	0.1279	n/a	8/25/2022	0.031	No	29	0.1968	0.06373	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-6	0.06608	n/a	8/25/2022	0.055	No	29	0.05388	0.004831	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-7	0.04238	n/a	8/25/2022	0.035	No	29	0.03227	0.004007	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-8A	0.1198	n/a	8/25/2022	0.03	No	29	0.2032	0.05658	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-9	0.03624	n/a	8/25/2022	0.04	Yes	29	0.02271	0.005359	3.448	None	No	0.0001937	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-17	0.0025	n/a	8/24/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-5	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-7	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-8A	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-17	0.0025	n/a	8/24/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-11	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-2	0.0025	n/a	8/26/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-8A	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-15	0.0036	n/a	8/25/2022	0.002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-16	0.007382	n/a	8/25/2022	0.0056	No	29	0.004764	0.001037	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-17	0.01139	n/a	8/24/2022	0.0076	No	29	0.006855	0.001796	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-1	0.01967	n/a	8/24/2022	0.014	No	29	0.01183	0.003104	0	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-10	0.02162	n/a	8/25/2022	0.018	No	25	0.01381	0.003022	0	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-11	0.012	n/a	8/25/2022	0.0069	No	29	n/a	n/a	3.448	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-12	0.0036	n/a	8/26/2022	0.002ND	No	29	n/a	n/a	41.38	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-13	0.009035	n/a	8/26/2022	0.0043	No	28	0.06874	0.01036	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-14	0.0038	n/a	8/26/2022	0.002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWC-18	0.02	n/a	8/25/2022	0.012	No	29	n/a	n/a	0	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-19	0.01525	n/a	8/25/2022	0.015	No	29	0.008864	0.00253	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-2	0.01454	n/a	8/26/2022	0.0095	No	29	0.009614	0.001953	6.897	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-20	0.01486	n/a	8/25/2022	0.0079	No	29	0.008812	0.002395	6.897	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-3	0.02071	n/a	8/25/2022	0.0072	No	28	-4.683	0.3173	3.571	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-4	0.01054	n/a	8/25/2022	0.0038	No	29	0.006034	0.001786	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-5	0.01109	n/a	8/25/2022	0.0058	No	29	-5.516	0.4017	3.448	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-6	0.01026	n/a	8/25/2022	0.0046	No	29	-5.297	0.2843	6.897	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-7	0.01648	n/a	8/25/2022	0.0085	No	29	-4.614	0.2014	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-8A	0.023	n/a	8/25/2022	0.002ND	No	28	n/a	n/a	39.29	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-9	0.01293	n/a	8/25/2022	0.0092	No	29	0.007596	0.002111	3.448	None	No	0.0001937	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 4:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt, Total (mg/L)	GWA-15	0.0025	n/a	8/25/2022	0.0014J	No	28	n/a	n/a	53.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-16	0.0025	n/a	8/25/2022	0.0025ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-17	0.0025	n/a	8/24/2022	0.0025ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-1	0.0025	n/a	8/24/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-11	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-12	0.00057	n/a	8/26/2022	0.00033J	No	29	n/a	n/a	72.41	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-18	0.0025	n/a	8/25/2022	0.0025ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-19	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-2	0.0025	n/a	8/26/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-20	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-3	0.0025	n/a	8/25/2022	0.00046J	No	27	n/a	n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-4	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-5	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-6	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-7	0.0025	n/a	8/25/2022	0.0025ND	No	29	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-8A	0.0046	n/a	8/25/2022	0.0021J	No	26	n/a	n/a	50	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWC-9	0.0025	n/a	8/25/2022	0.00053J	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	8/25/2022	0.002ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	8/24/2022	0.002ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	8/24/2022	0.002ND	No	24	n/a	n/a	100	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	8/25/2022	0.002ND	No	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	8/26/2022	0.002ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	8/26/2022	0.002ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	8/25/2022	0.002ND	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	8/26/2022	0.002ND	No	24	n/a	n/a	100	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	8/25/2022	0.002ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	8/25/2022	0.0013J	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	8/25/2022	0.002ND	No	24	n/a	n/a	50	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	8/25/2022	0.002ND	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	8/25/2022	0.002ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.18	n/a	8/25/2022	0.002ND	No	24	n/a	n/a	33.33	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	8/25/2022	0.0017J	No	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-16	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-17	0.001	n/a	8/24/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-1	0.001	n/a	8/24/2022	0.001ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-10	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-11	0.0017	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-13	0.001	n/a	8/26/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-14	0.001	n/a	8/26/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-18	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-19	0.0015	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-2	0.001	n/a	8/26/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-20	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-3	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-4	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-5	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-6	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-7	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-8A	0.0012	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-9	0.001	n/a	8/25/2022	0.001ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	8/24/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	8/24/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 4:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWC-13	0.0002	n/a	8/26/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	8/26/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	8/26/2022	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	8/25/2022	0.0002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	8/25/2022	0.001	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	8/25/2022	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	8/24/2022	0.00082J	No	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0018	n/a	8/24/2022	0.00086J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	8/25/2022	0.003	Yes	24	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	8/25/2022	0.00081J	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	8/26/2022	0.00096J	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	8/26/2022	0.001ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.001	n/a	8/25/2022	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0015	n/a	8/25/2022	0.0017	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0023	n/a	8/26/2022	0.002	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.003	n/a	8/25/2022	0.00074J	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	8/25/2022	0.0024	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	8/25/2022	0.0015	No	24	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	8/25/2022	0.00071J	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	8/25/2022	0.0013	No	24	n/a	n/a	70.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	8/25/2022	0.0015	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.0069	n/a	8/25/2022	0.0053	No	22	n/a	n/a	50	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	8/25/2022	0.0042	Yes	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-15	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-16	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-17	0.005	n/a	8/24/2022	0.005ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-1	0.0053	n/a	8/24/2022	0.005ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-10	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-11	0.005	n/a	8/25/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-12	0.005	n/a	8/26/2022	0.005ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-14	0.0052	n/a	8/26/2022	0.005ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-18	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-19	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-2	0.005	n/a	8/26/2022	0.005ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-3	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-4	0.005	n/a	8/25/2022	0.0012J	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-5	0.0587	n/a	8/25/2022	0.0043J	No	29	n/a	n/a	41.38	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Selenium, Total (mg/L)	GWC-6	0.007	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-7	0.0053	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-8A	0.005	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-9	0.0065	n/a	8/25/2022	0.005ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-15	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-16	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-17	0.001	n/a	8/24/2022	0.001ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-1	0.001	n/a	8/24/2022	0.001ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-19	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-2	0.001	n/a	8/26/2022	0.001ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2

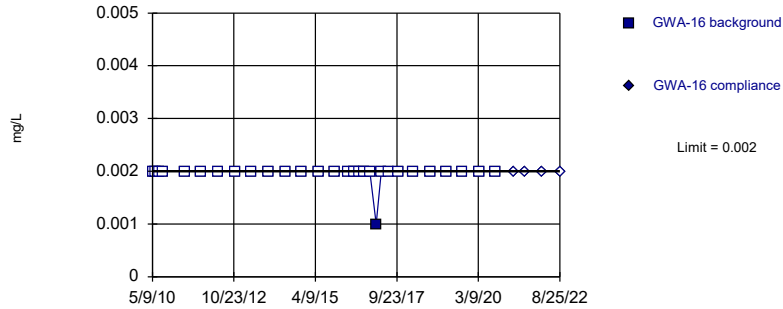
Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 4:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Thallium, Total (mg/L)	GWC-4	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-5	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-6	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-7	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-8A	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-9	0.001	n/a	8/25/2022	0.001ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	8/25/2022	0.001ND	No	24	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01209	n/a	8/25/2022	0.0079	No	24	0.007036	0.001938	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.009175	n/a	8/24/2022	0.0051	No	24	0.00428	0.001876	16.67	Kaplan-Meier	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02568	n/a	8/24/2022	0.017	No	24	0.01527	0.003991	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.018	n/a	8/25/2022	0.011	No	24	0.01197	0.002311	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.01545	n/a	8/25/2022	0.0099	No	24	0.01026	0.00199	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	8/26/2022	0.001ND	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	8/26/2022	0.0016	No	24	n/a	n/a	70.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	8/26/2022	0.0017	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.0116	n/a	8/25/2022	0.007	No	24	-5.061	0.2315	4.167	None	ln(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01075	n/a	8/25/2022	0.0068	No	24	0.007178	0.001371	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.0213	n/a	8/26/2022	0.015	No	24	0.01331	0.003063	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02338	n/a	8/25/2022	0.018	No	24	0.0002985	0.00009509	4.167	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01107	n/a	8/25/2022	0.0072	No	23	0.006358	0.001789	4.348	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01233	n/a	8/25/2022	0.0059	No	24	0.007514	0.001845	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006806	n/a	8/25/2022	0.0026	No	24	0.003039	0.001444	25	Kaplan-Meier	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01407	n/a	8/25/2022	0.011	No	24	0.008748	0.00204	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01769	n/a	8/25/2022	0.014	No	24	0.0001668	0.00005598	4.167	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.04454	n/a	8/25/2022	0.0023	No	21	0.01407	0.01137	9.524	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02787	n/a	8/25/2022	0.025	No	24	0.01612	0.004504	4.167	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.006	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.005	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0084	n/a	8/24/2022	0.005ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.005	n/a	8/24/2022	0.0039J	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.005	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	8/25/2022	0.005ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	8/26/2022	0.005ND	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	8/26/2022	0.005ND	No	24	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.005	n/a	8/26/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0077	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	n/a	8/25/2022	0.005ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.005	n/a	8/26/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	8/25/2022	0.0063	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	n/a	8/25/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	n/a	8/25/2022	0.005ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	8/25/2022	0.005ND	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.005	n/a	8/25/2022	0.005ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

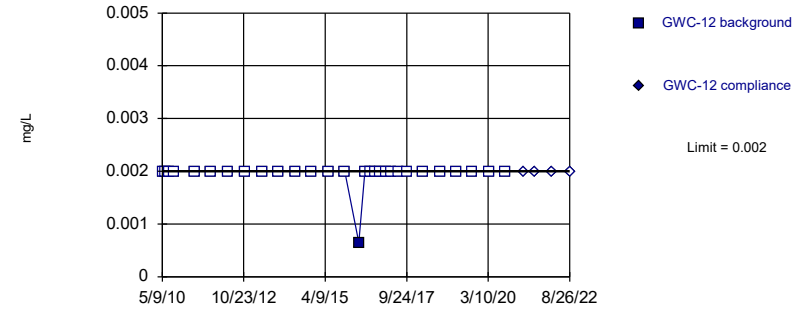


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

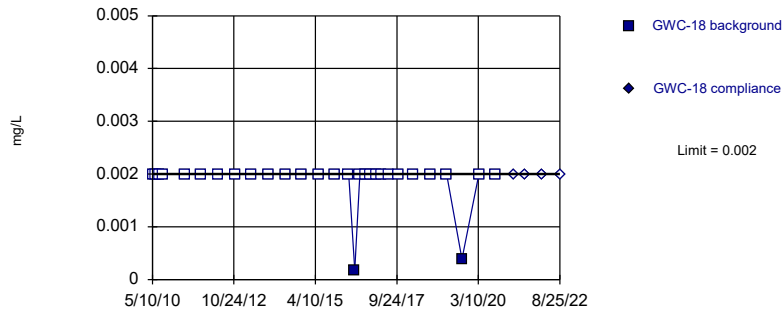


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

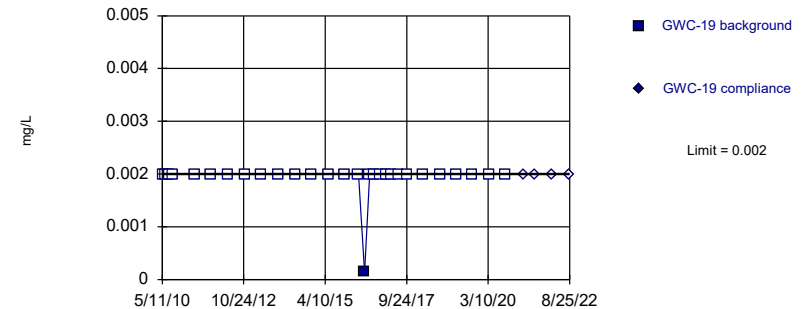


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

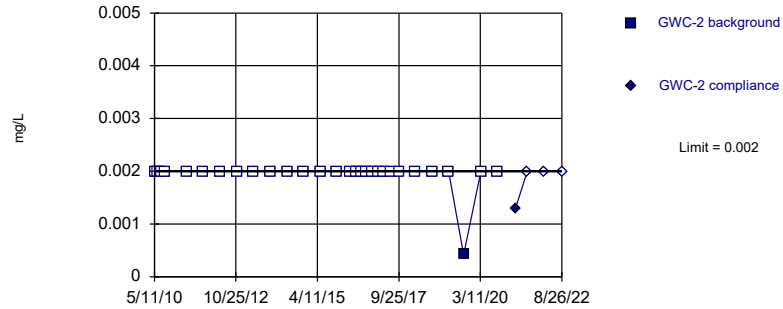


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

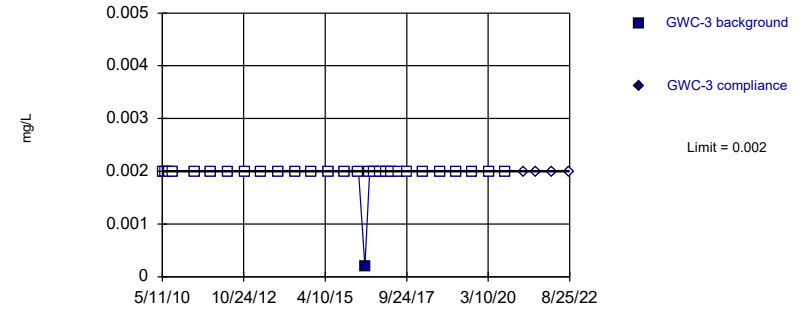


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

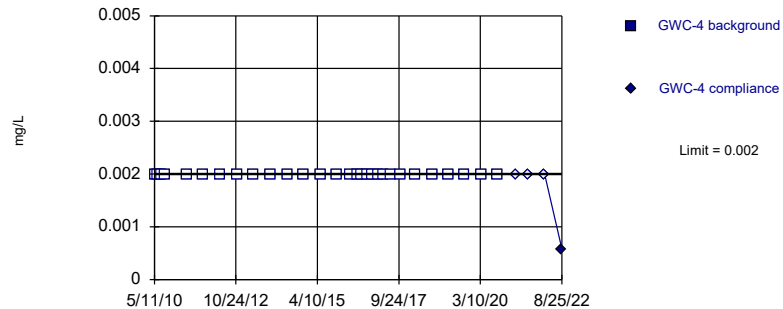


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

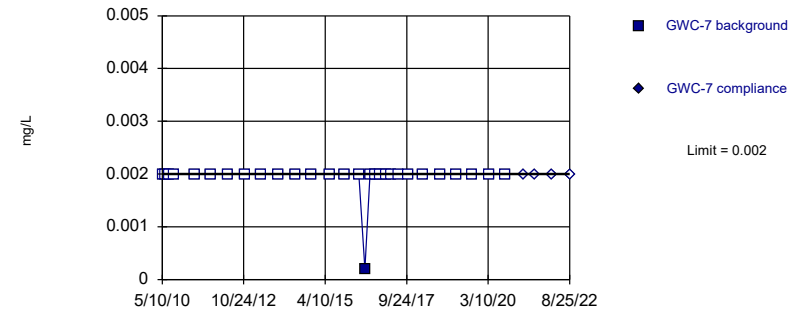


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

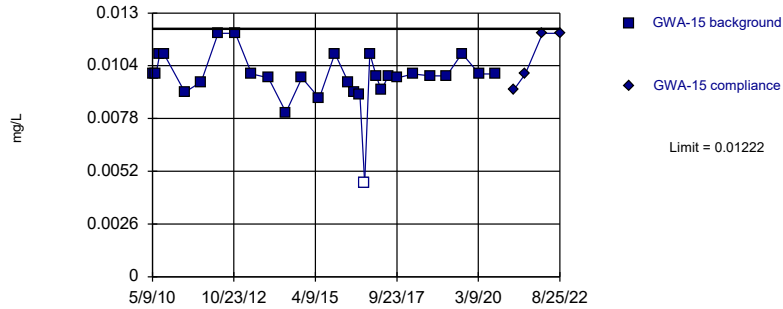


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

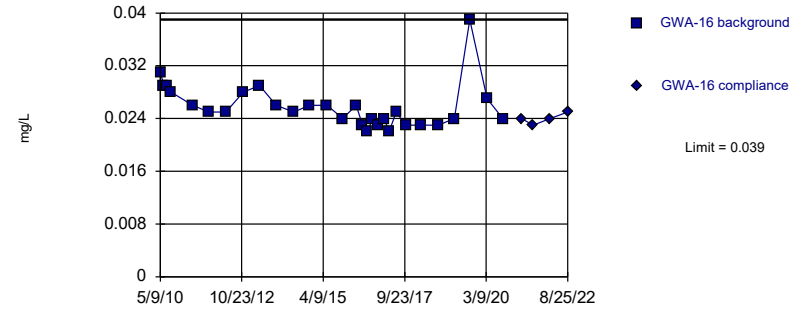


Background Data Summary (based on cube transformation): Mean=1.0e-6, Std. Dev.=3.3e-7, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9129, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

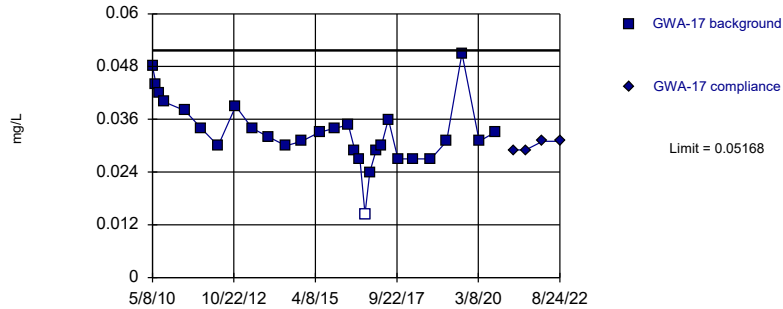


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Barium, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

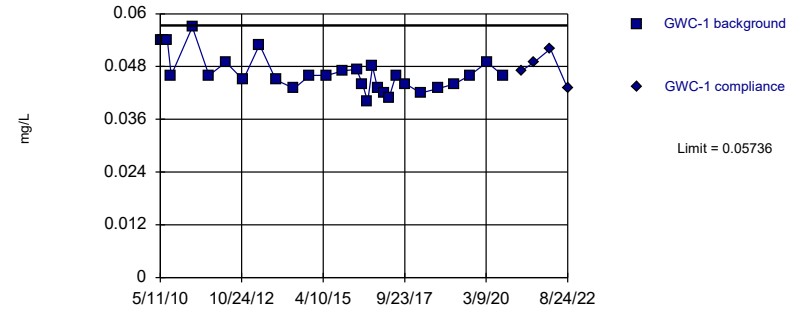


Background Data Summary: Mean=0.03311, Std. Dev.=0.007355, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9538, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

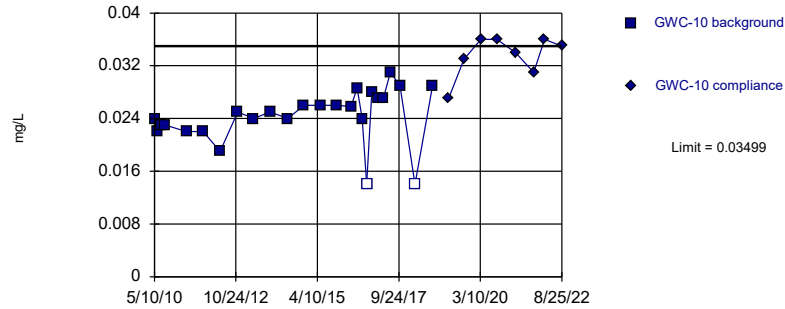


Background Data Summary: Mean=0.04657, Std. Dev.=0.004275, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9101, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

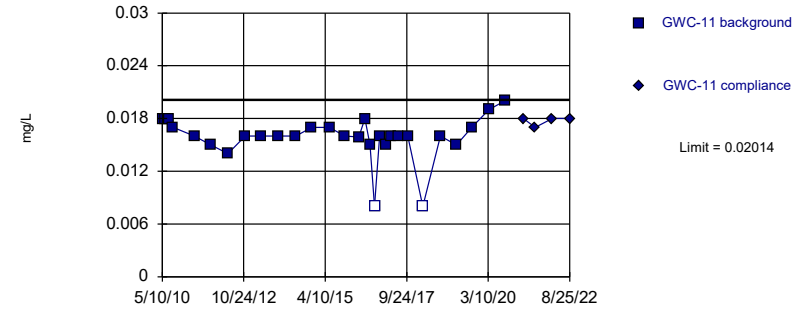


Background Data Summary: Mean=0.02434, Std. Dev.=0.004121, n=25, 8% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9043, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

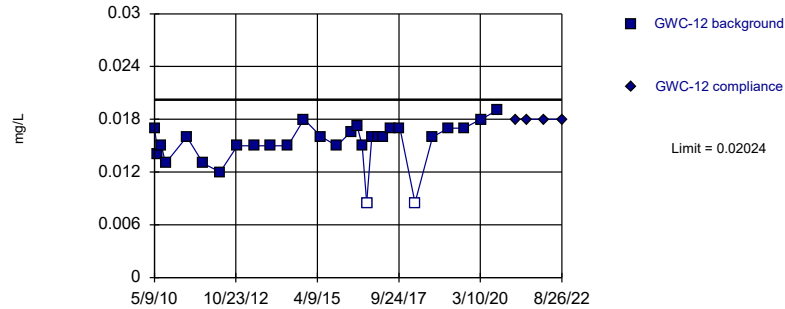


Background Data Summary (based on cube transformation): Mean=0.000004282, Std. Dev.=0.000001538, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9008, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

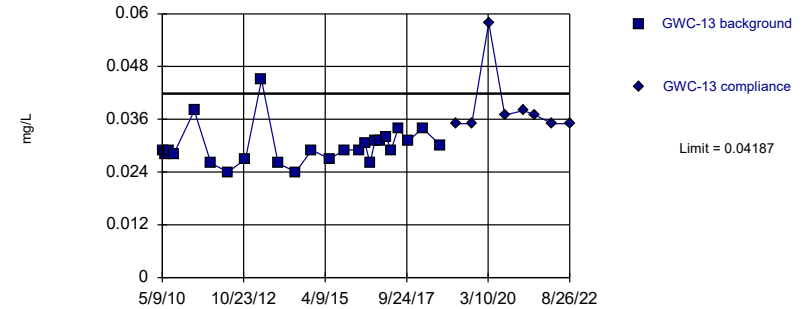


Background Data Summary (based on square transformation): Mean=0.0002401, Std. Dev.=0.00006713, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9197, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

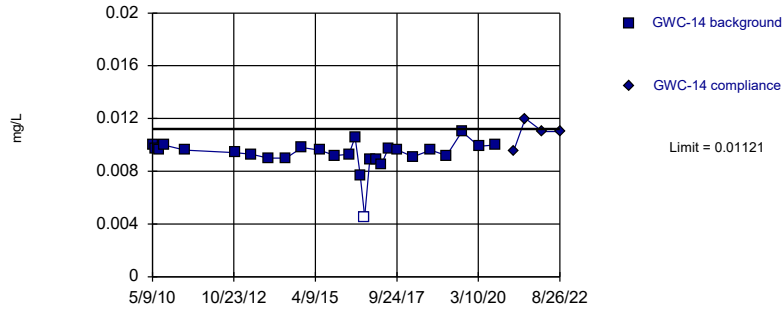


Background Data Summary (based on cube root transformation): Mean=0.3096, Std. Dev.=0.01457, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8937, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

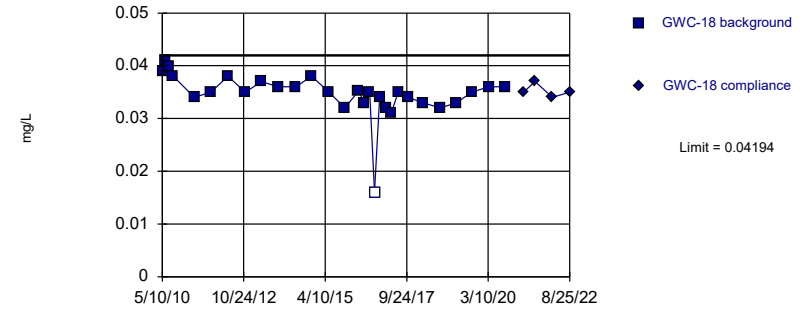


Background Data Summary (based on cube transformation): Mean=8.3e-7, Std. Dev.=2.3e-7, n=27, 3.704% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.894. Kappa = 2.555 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

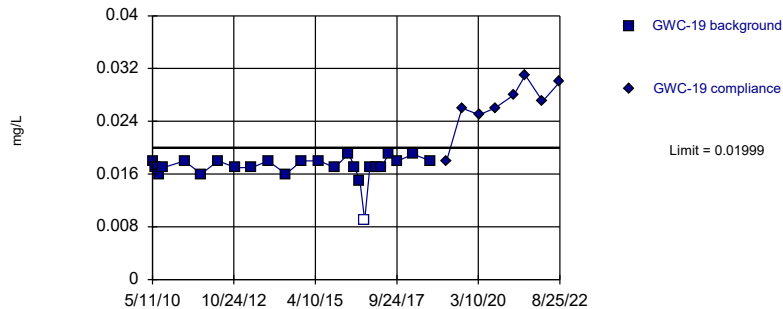


Background Data Summary (based on cube transformation): Mean=0.0000432, Std. Dev.=0.00001211, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9278, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:52 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

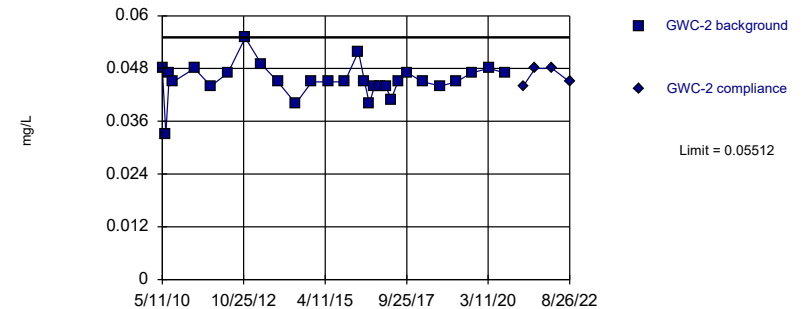


Background Data Summary (based on x^4 transformation): Mean=9.0e-8, Std. Dev.=2.7e-8, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8905, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

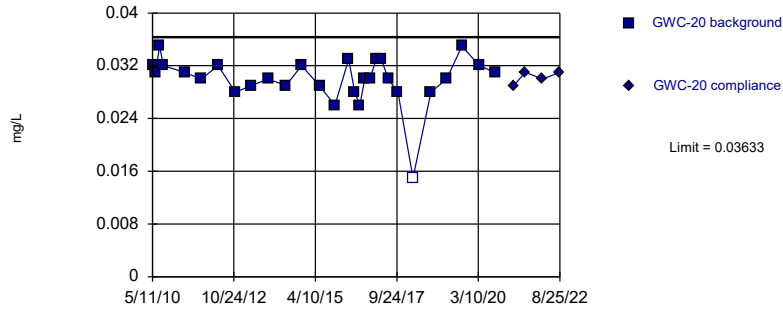


Background Data Summary: Mean=0.04531, Std. Dev.=0.003886, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

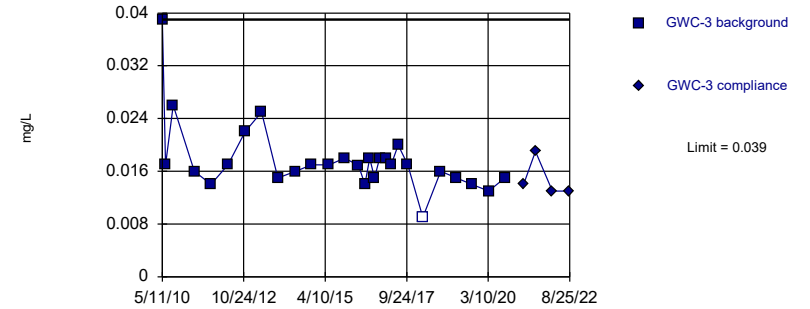


Background Data Summary (based on cube transformation): Mean=0.00002787, Std. Dev.=0.00000795, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.943, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

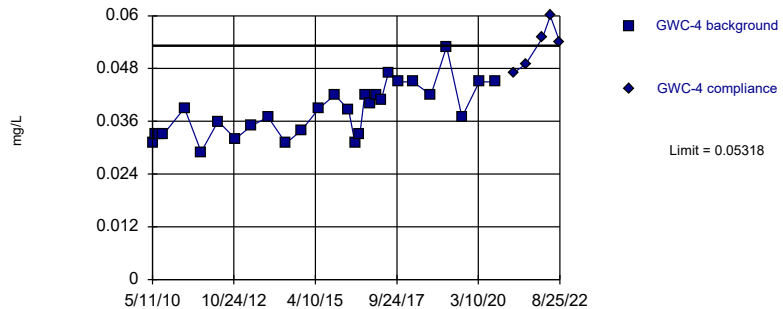


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 3.571% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Barium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

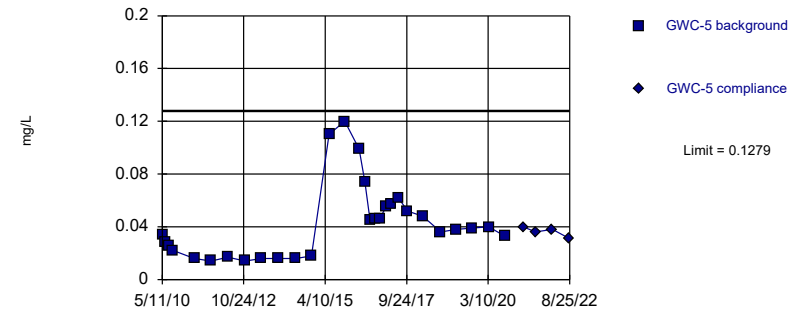


Background Data Summary: Mean=0.0383, Std. Dev.=0.005897, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9543, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

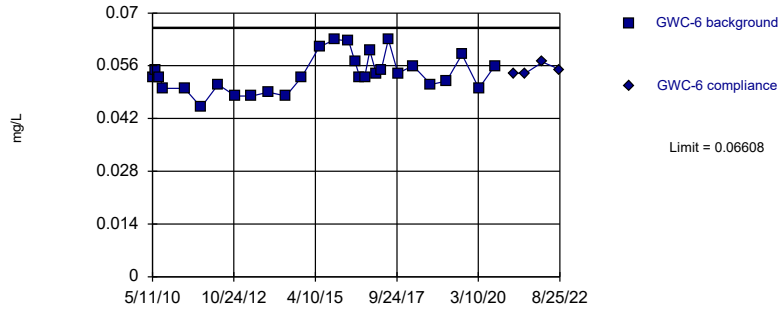


Background Data Summary (based on square root transformation): Mean=0.1968, Std. Dev.=0.06373, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9165, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

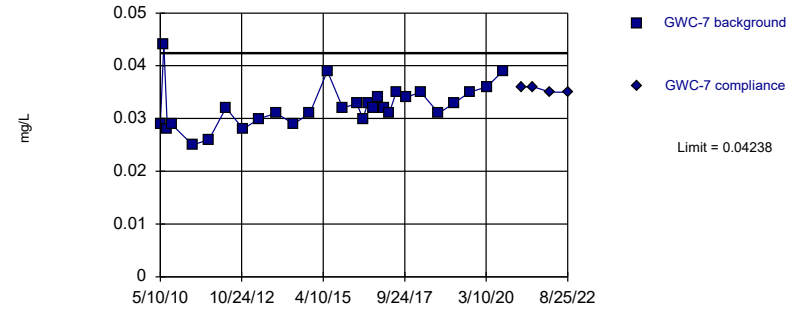


Background Data Summary: Mean=0.05388, Std. Dev.=0.004831, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9503, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

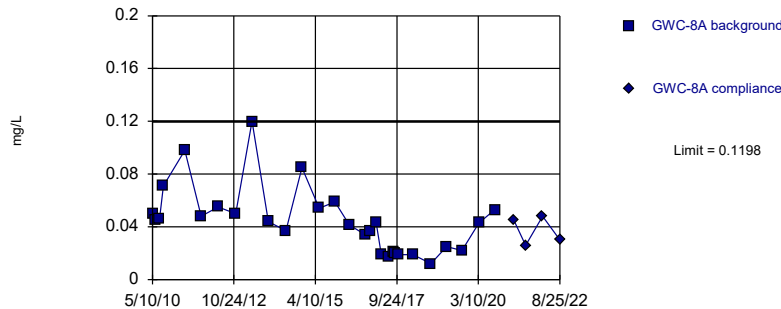


Background Data Summary: Mean=0.03227, Std. Dev.=0.004007, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9528, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric



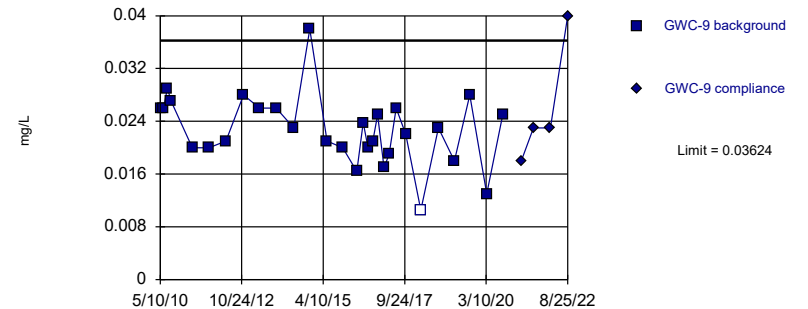
Background Data Summary (based on square root transformation): Mean=0.2032, Std. Dev.=0.05658, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit
Intrawell Parametric



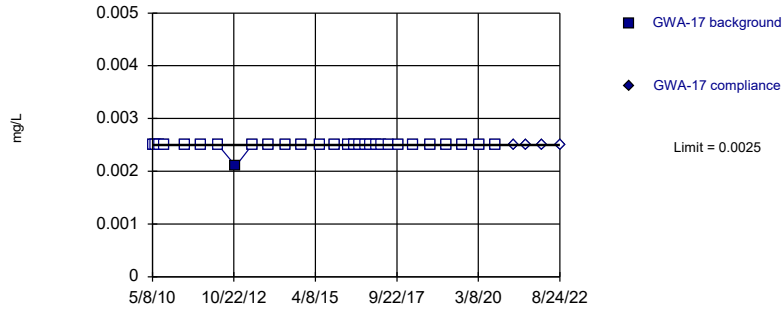
Background Data Summary: Mean=0.02271, Std. Dev.=0.005359, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.963, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



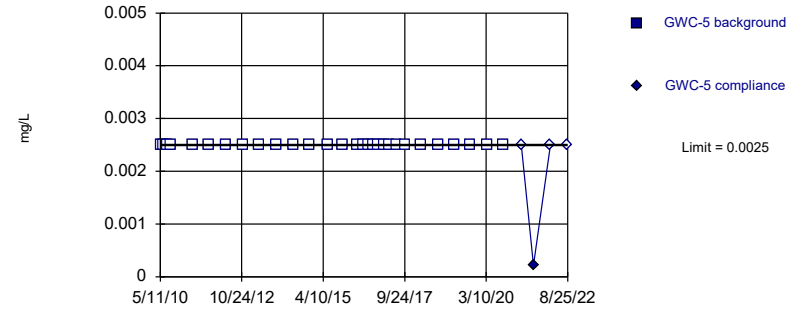
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Beryllium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



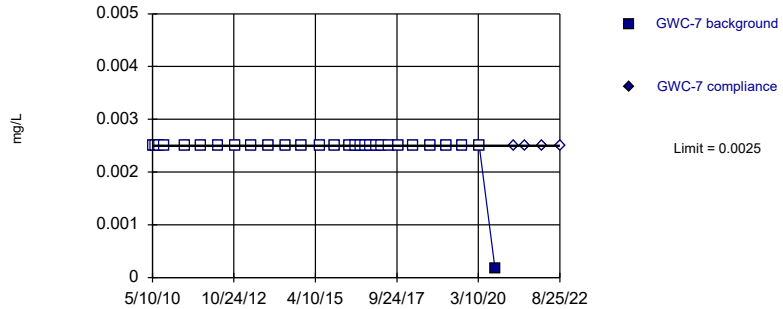
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Beryllium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



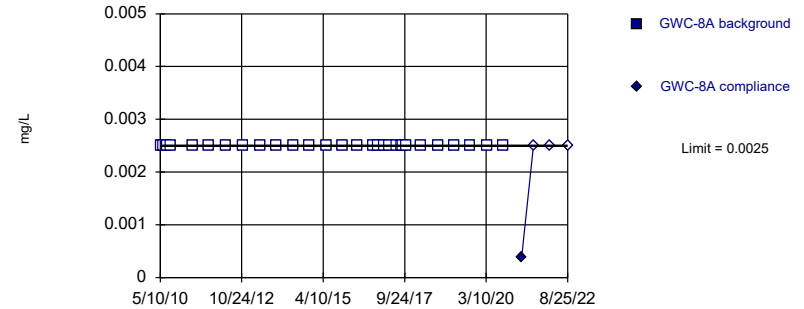
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Beryllium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

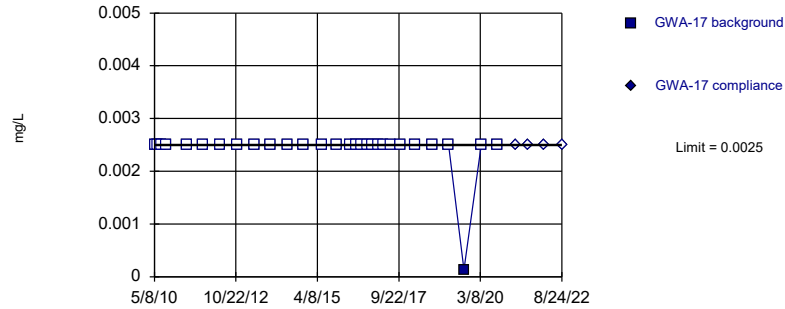


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Beryllium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

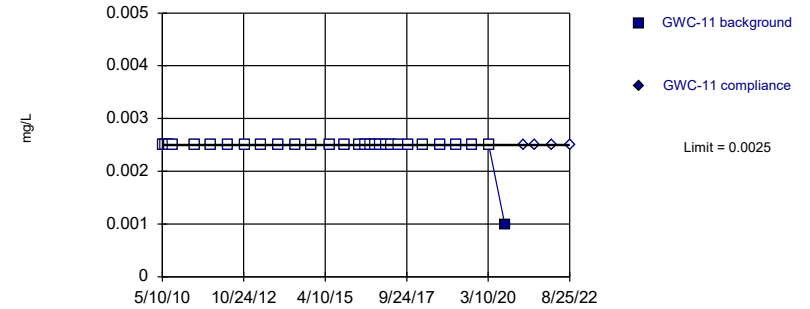


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

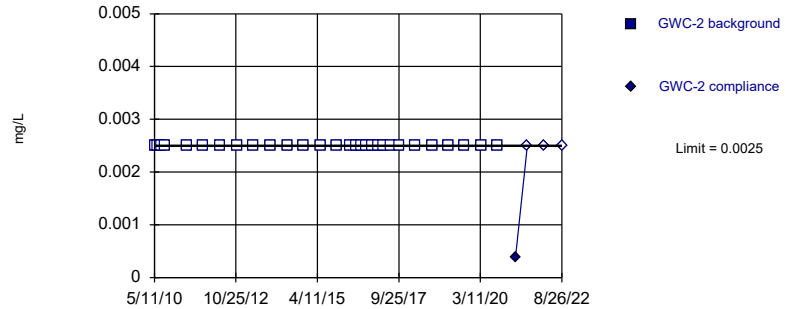


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

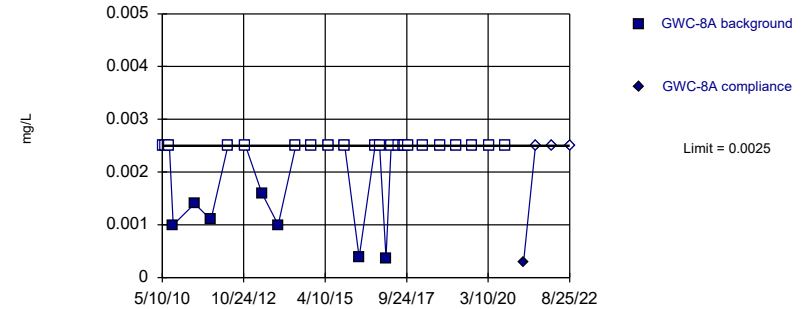


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



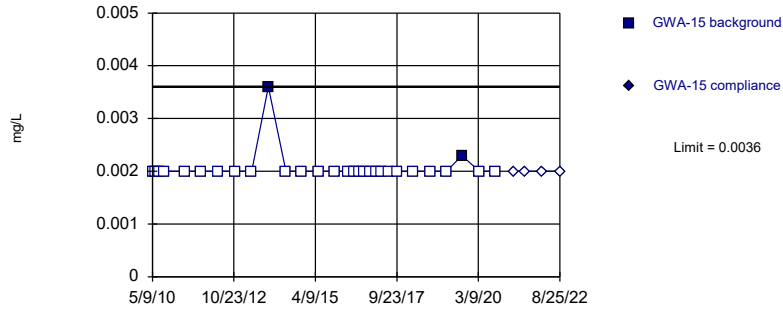
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 75.86% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



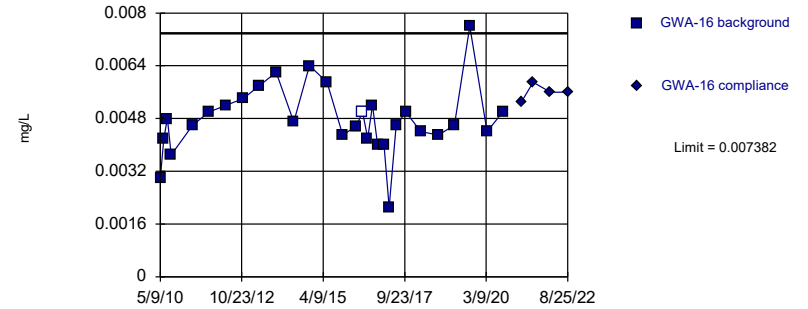
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



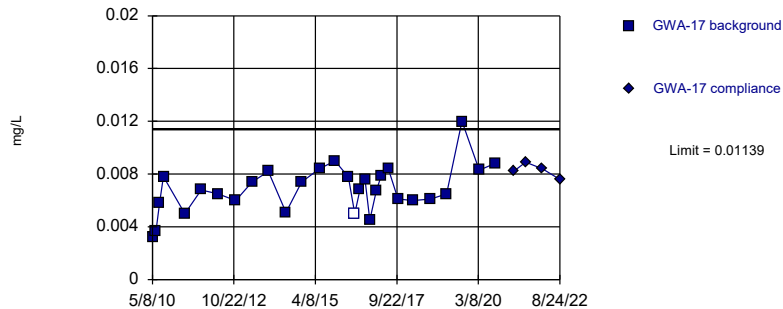
Background Data Summary: Mean=0.004764, Std. Dev.=0.001037, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.956, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



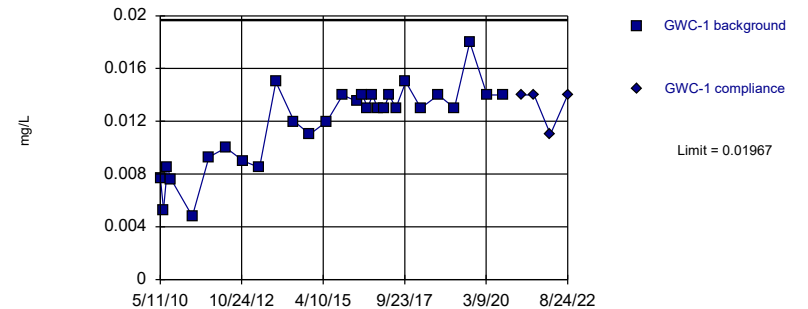
Background Data Summary: Mean=0.006855, Std. Dev.=0.001796, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9691, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric

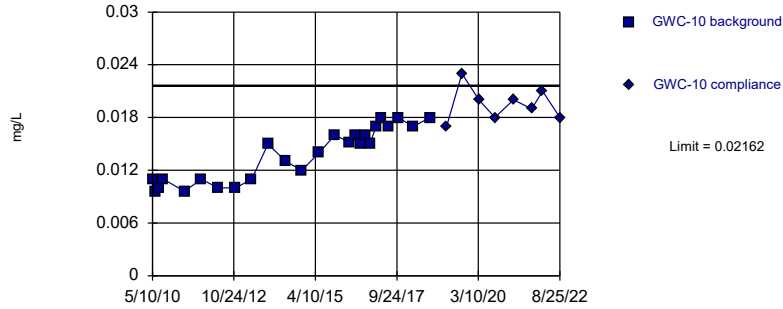


Background Data Summary: Mean=0.01183, Std. Dev.=0.003104, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9149, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

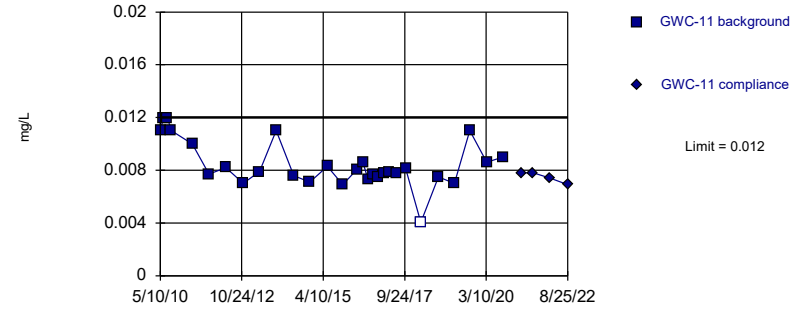


Background Data Summary: Mean=0.01381, Std. Dev.=0.003022, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8903, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

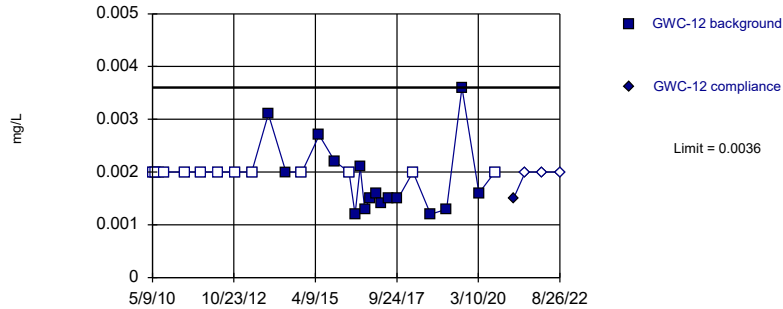


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 3.448% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

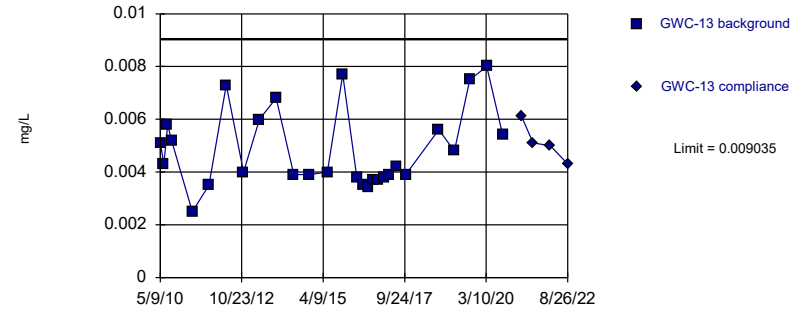


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 41.38% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

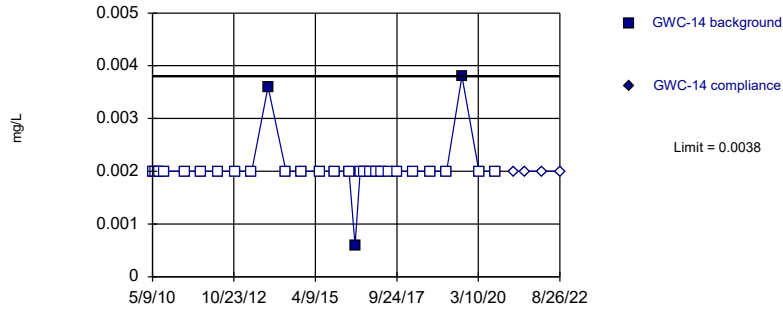


Background Data Summary (based on square root transformation): Mean=0.06874, Std. Dev.=0.01036, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9091, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

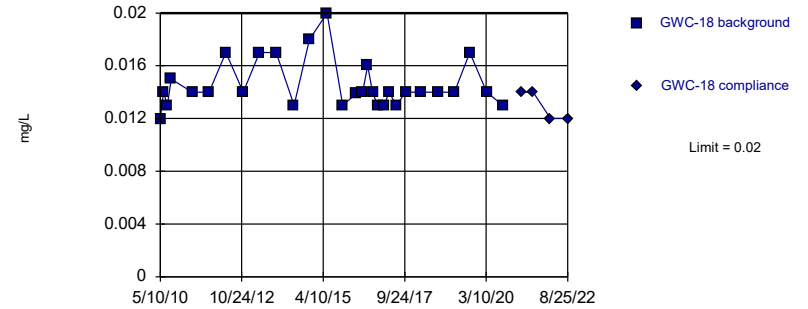


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

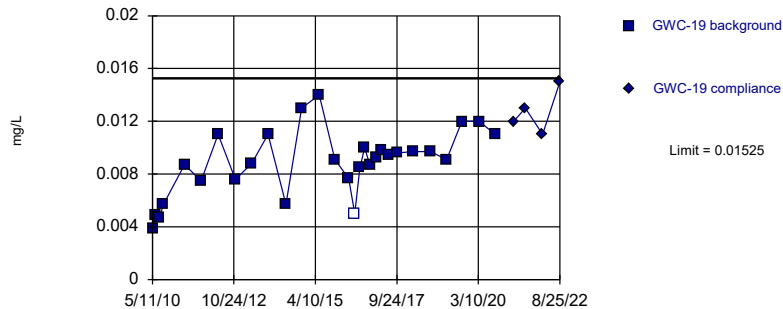


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

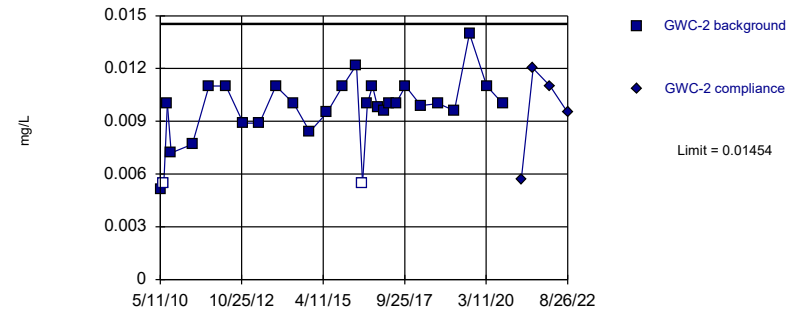


Background Data Summary: Mean=0.008864, Std. Dev.=0.00253, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9629, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

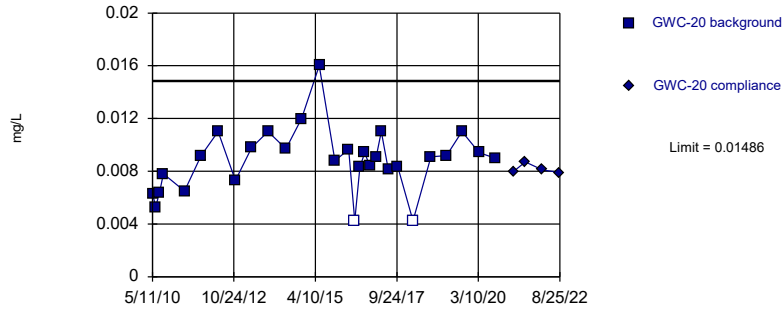


Background Data Summary: Mean=0.009614, Std. Dev.=0.001953, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8996, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

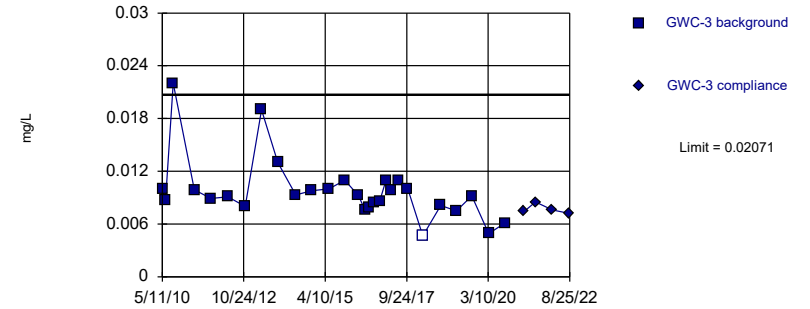


Background Data Summary: Mean=0.008812, Std. Dev.=0.002395, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9432, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

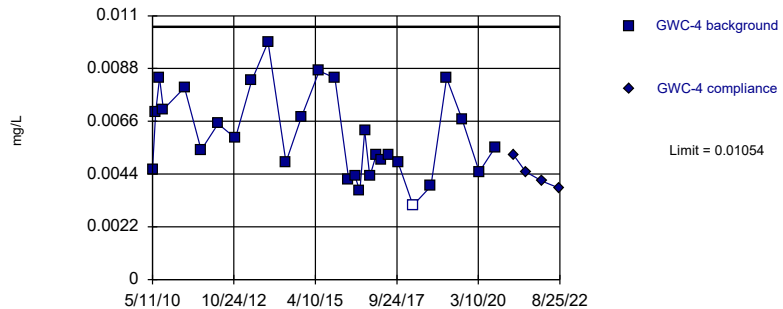


Background Data Summary (based on natural log transformation): Mean=-4.683, Std. Dev.=0.3173, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9017, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

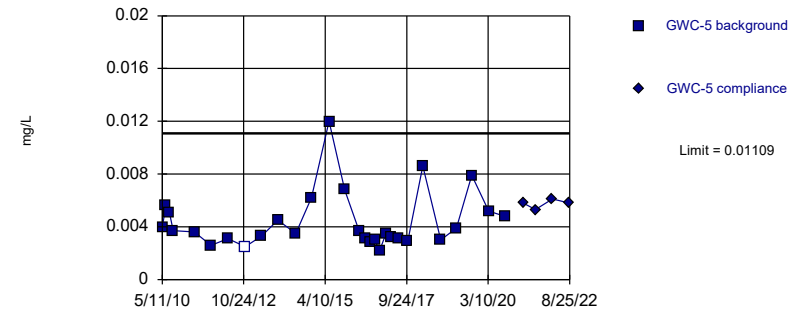


Background Data Summary: Mean=0.006034, Std. Dev.=0.001786, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9489, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

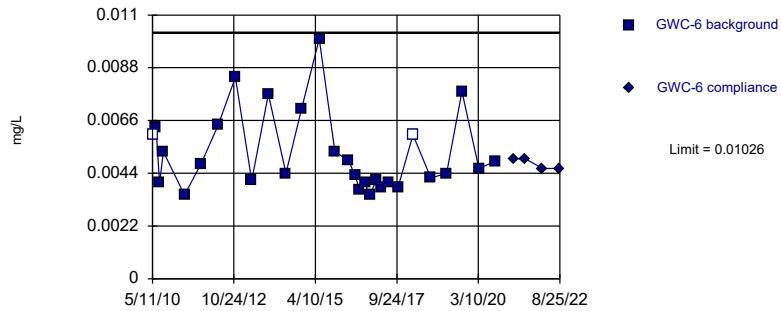


Background Data Summary (based on natural log transformation): Mean=-5.516, Std. Dev.=0.4017, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9221, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

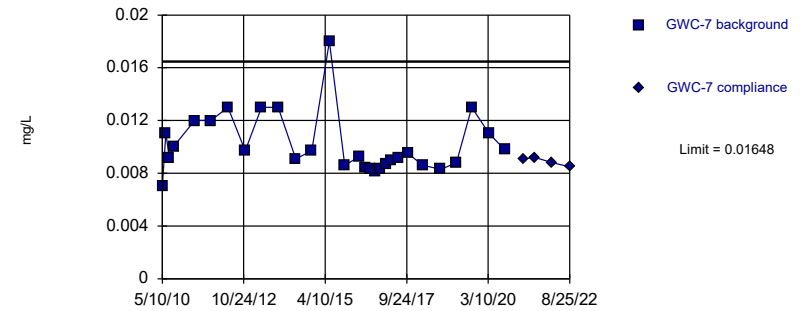


Background Data Summary (based on natural log transformation): Mean=-5.297, Std. Dev.=0.2843, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9143, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

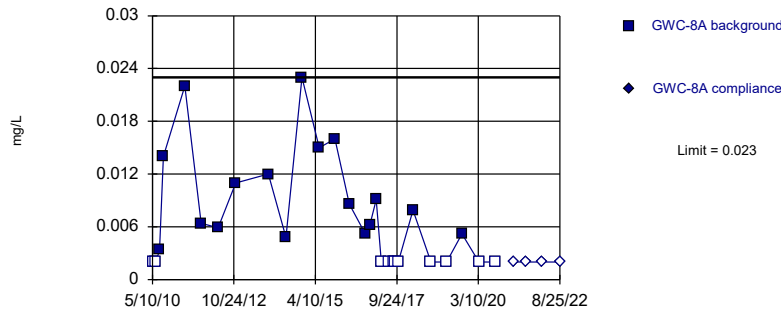


Background Data Summary (based on natural log transformation): Mean=-4.614, Std. Dev.=0.2014, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9093, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

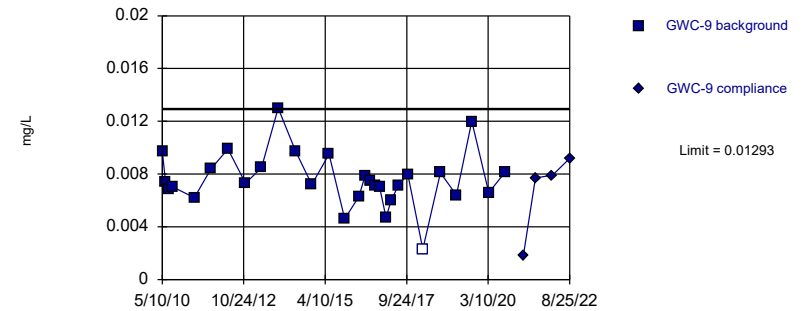


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 39.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

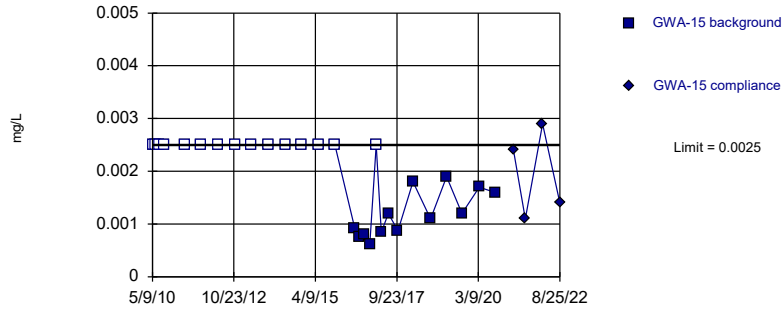


Background Data Summary: Mean=0.007596, Std. Dev.=0.002111, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

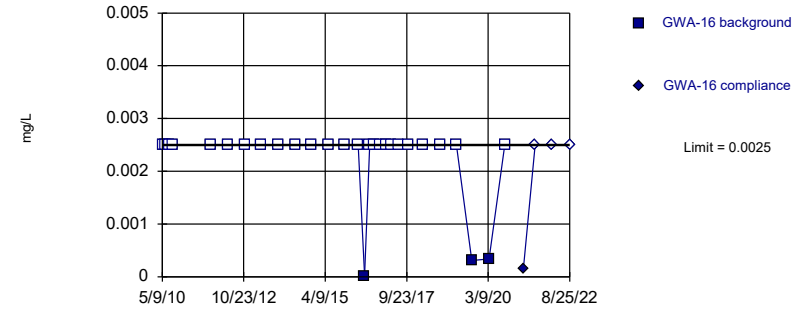


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 53.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

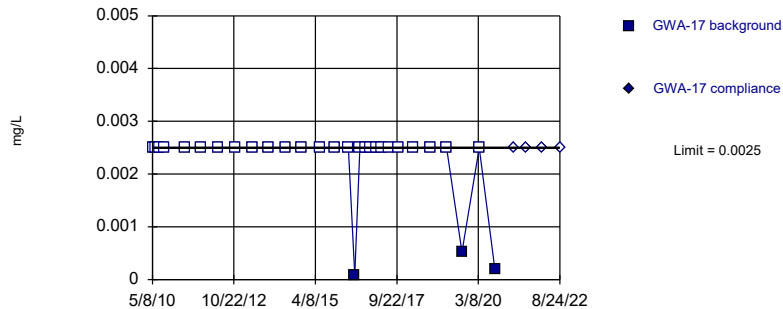


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

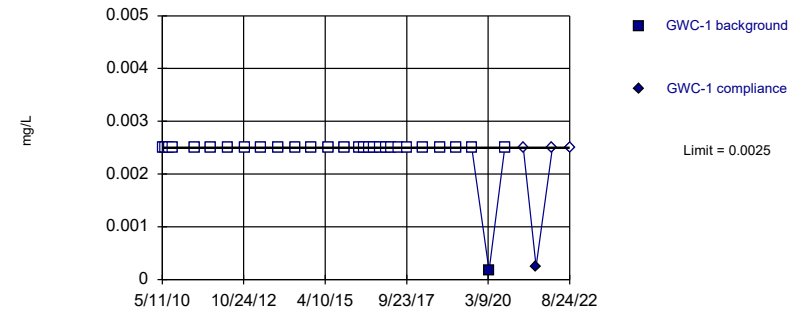


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

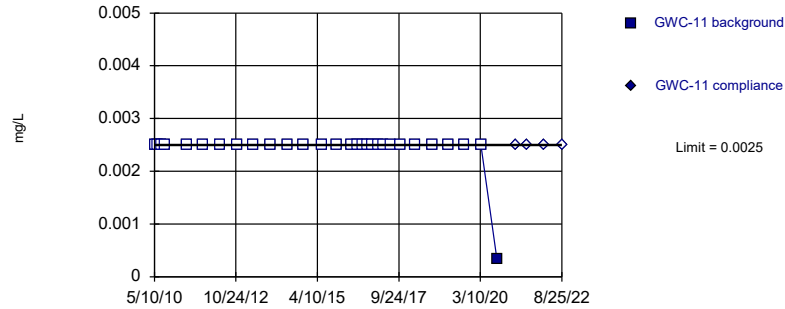


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

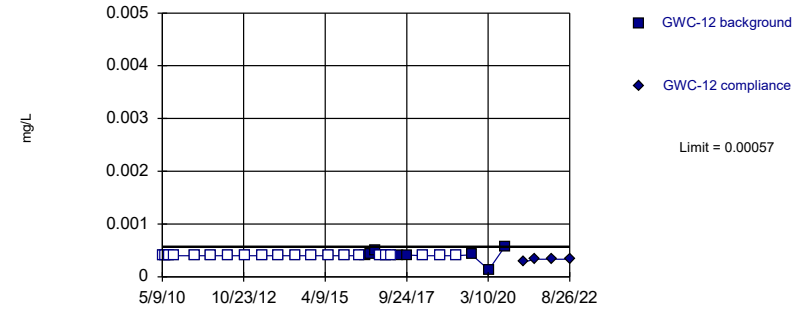


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

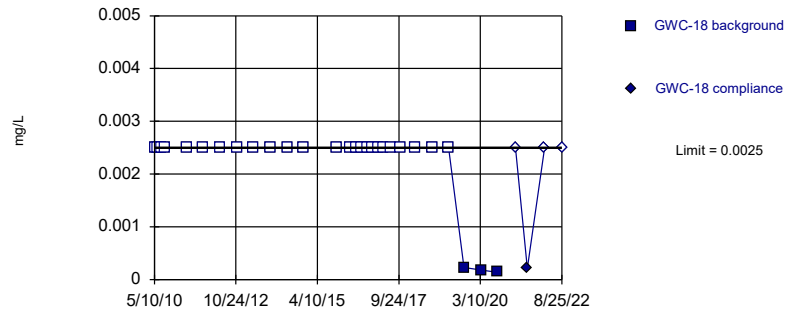


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 72.41% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

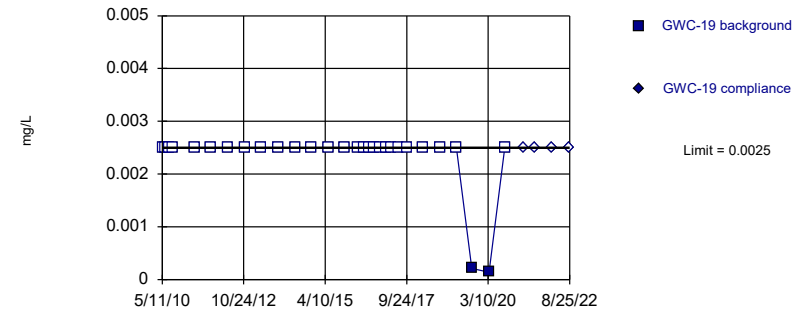


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

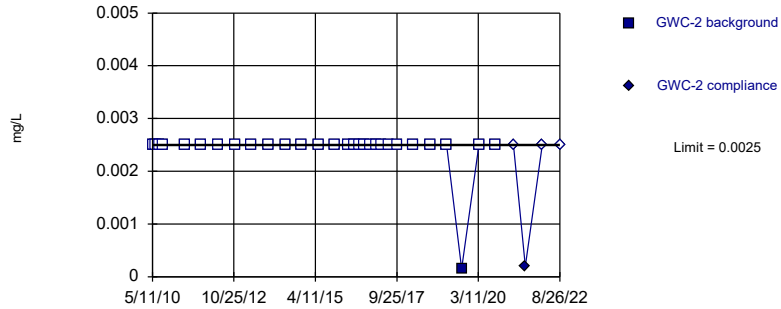


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

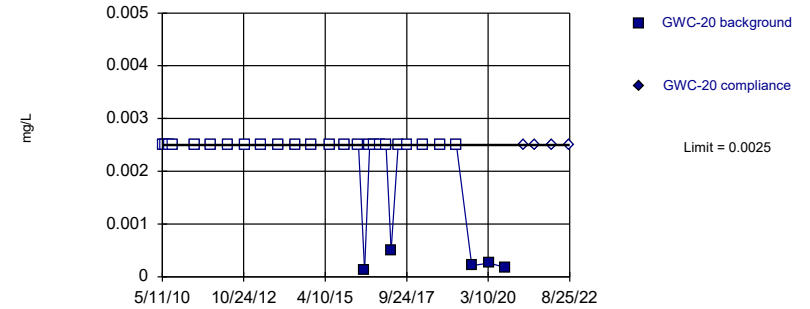


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

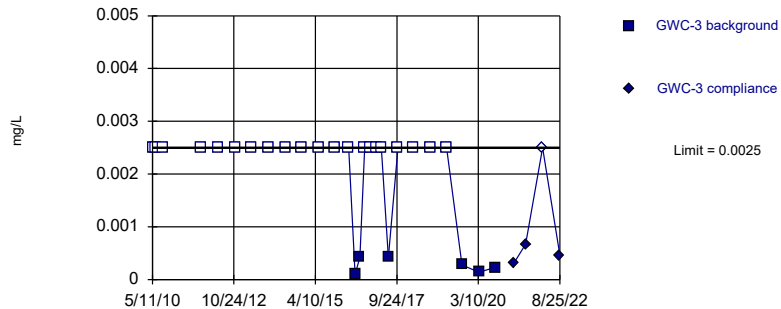


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 82.76% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

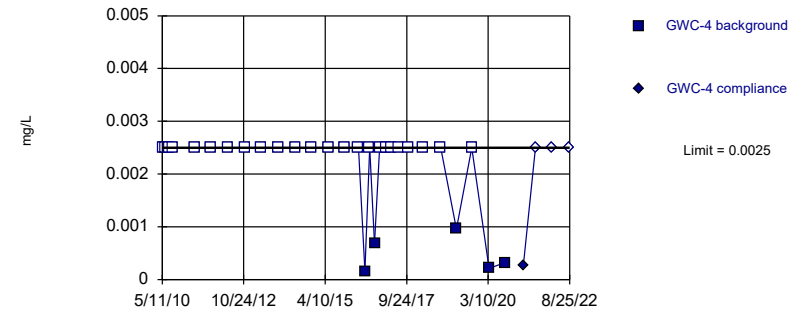


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

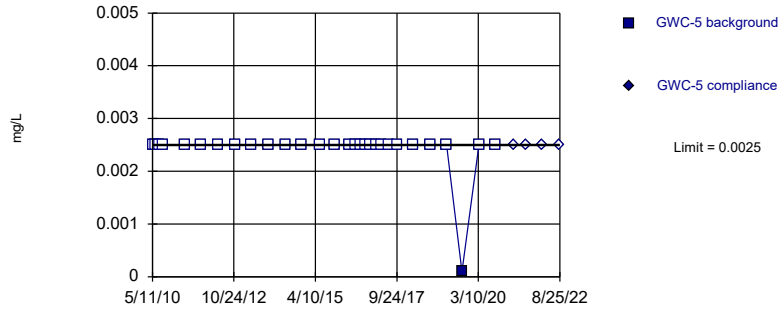


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 82.76% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

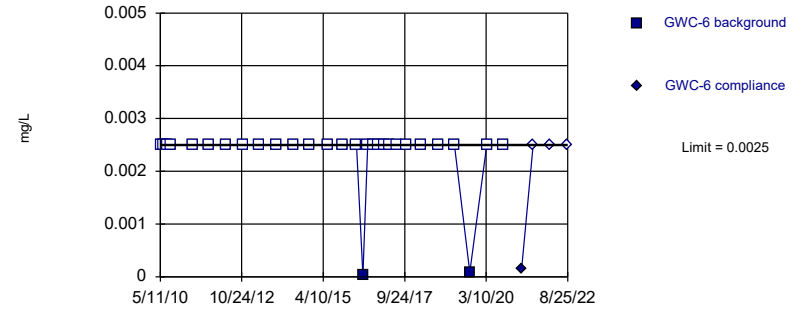


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

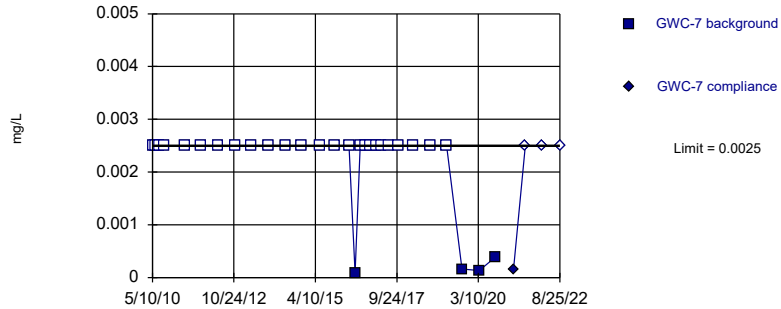


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

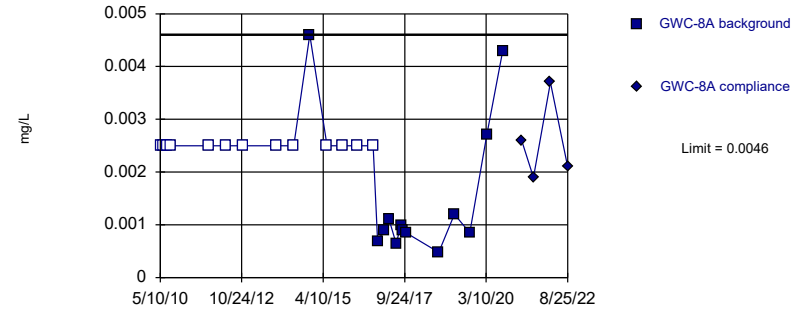


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 86.21% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

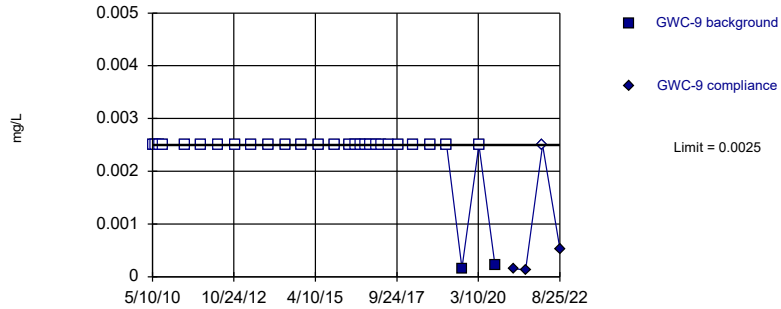


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 50% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

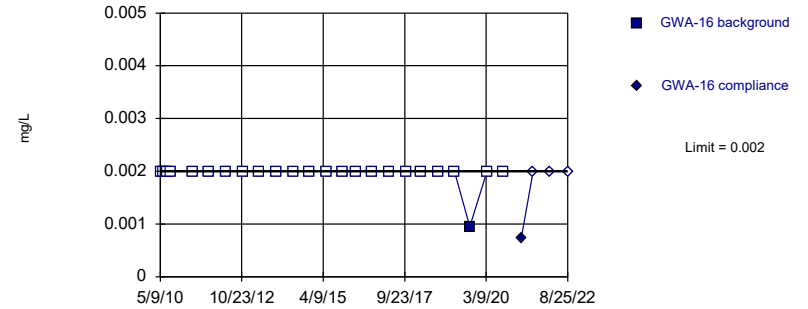


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

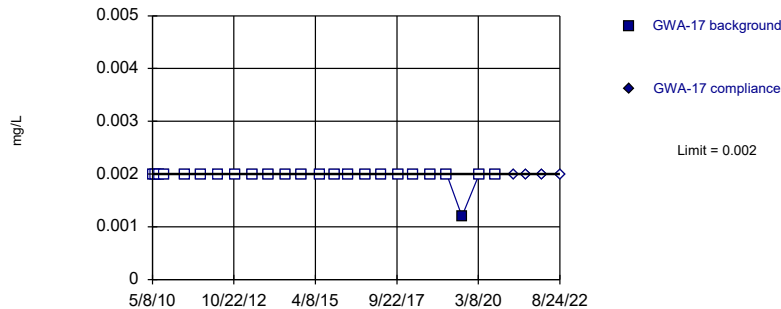


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

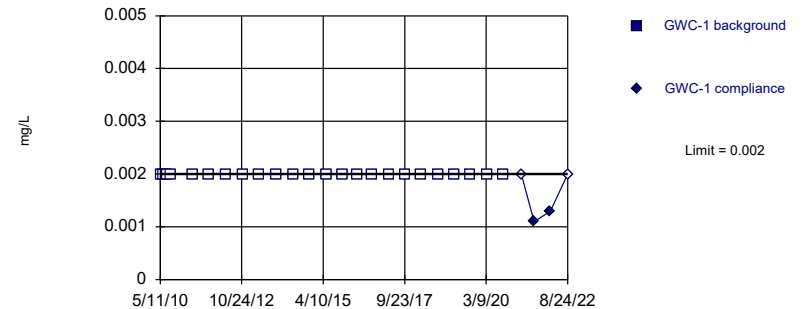


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

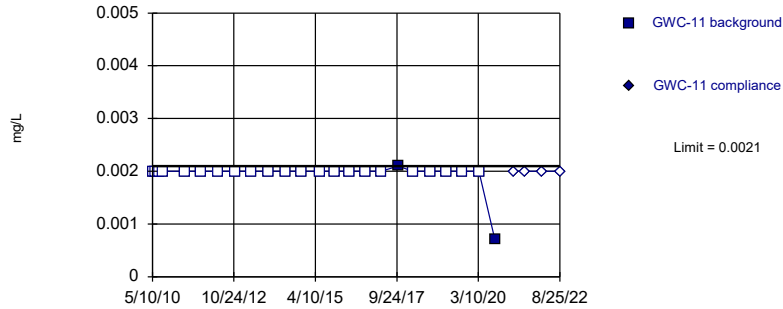


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 24) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

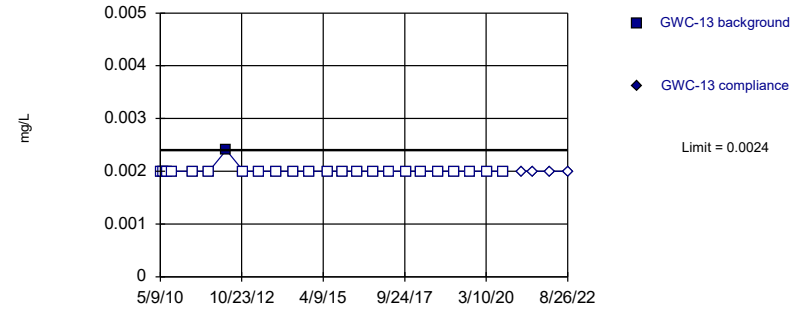


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

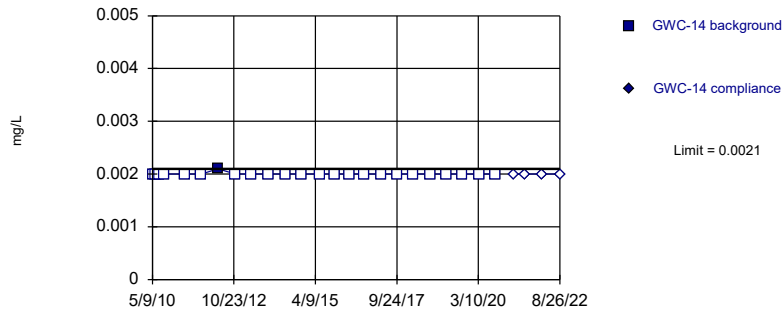


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

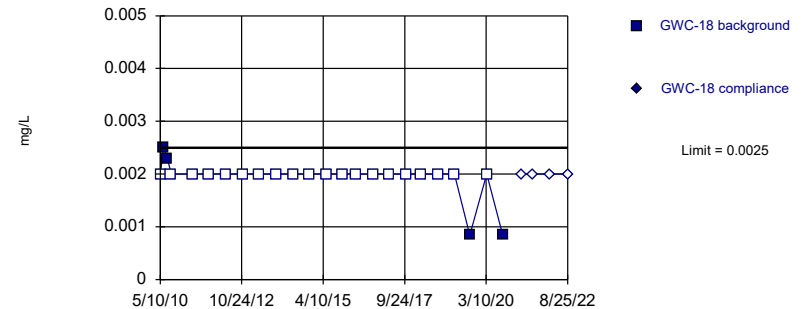


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

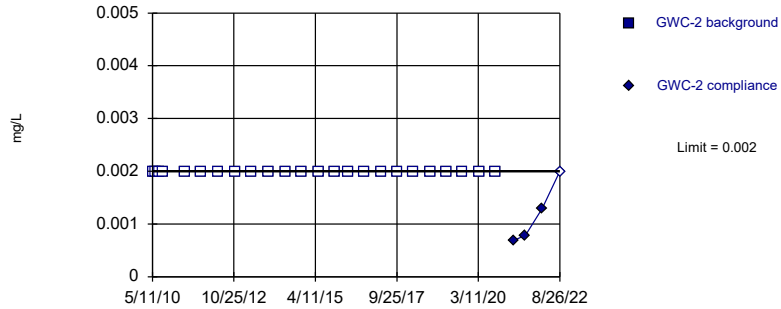


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:53 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

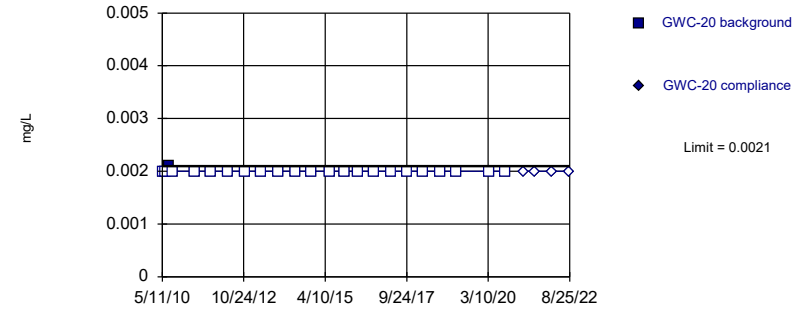


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 24) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

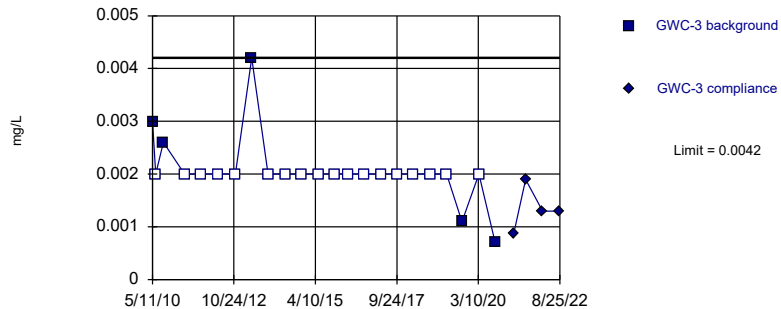


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

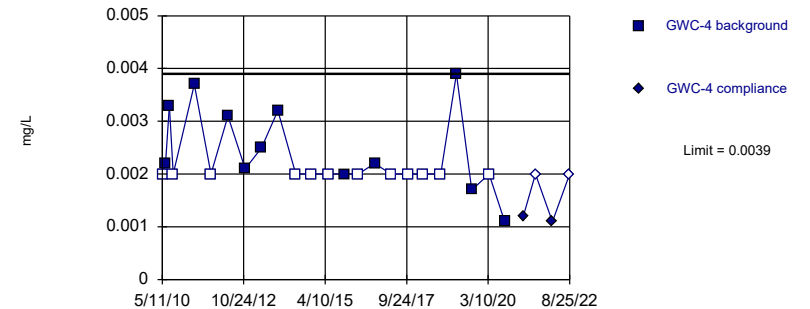


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

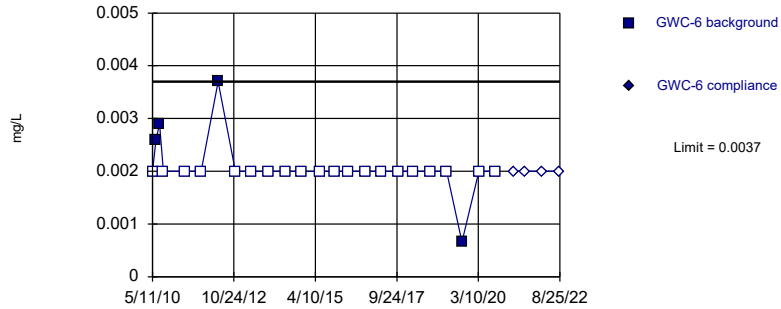


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 50% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

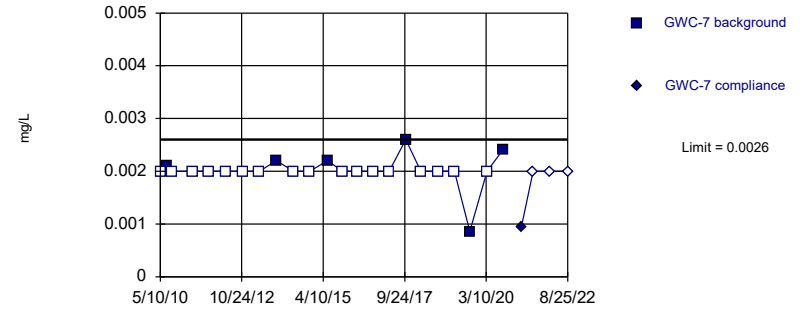


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

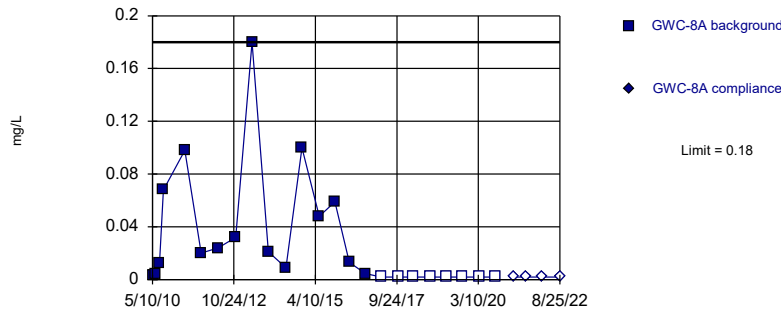


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

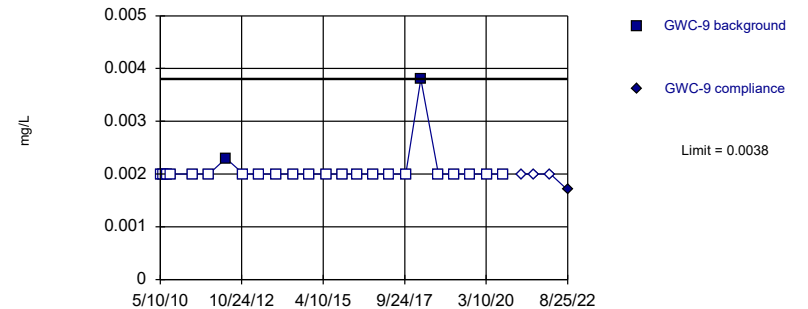


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

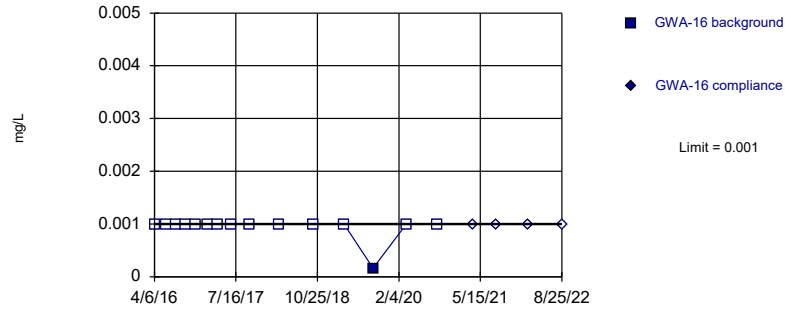


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

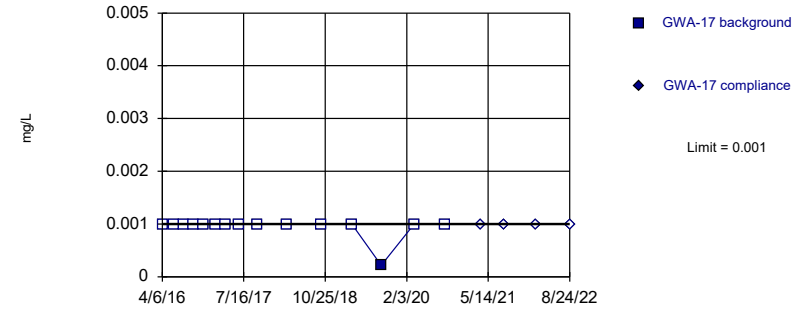


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

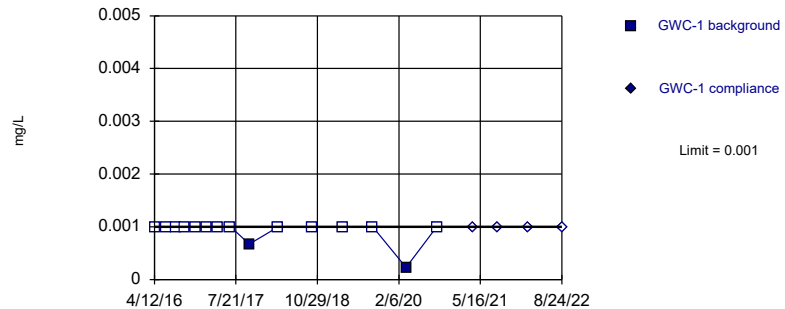


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

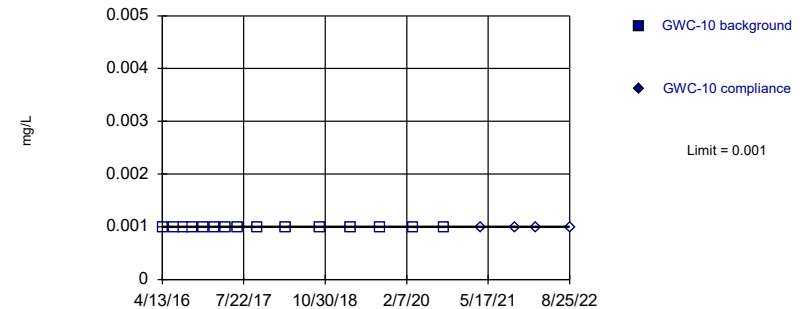


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

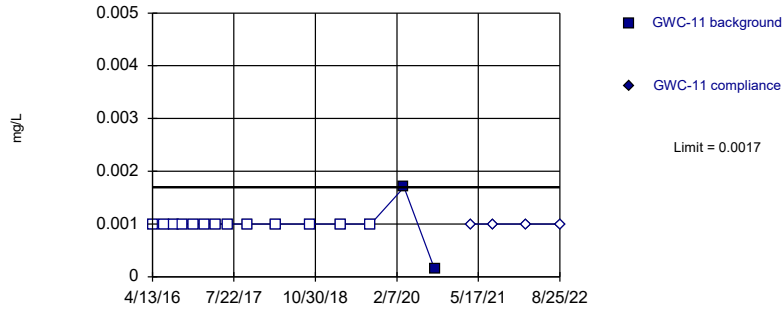


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

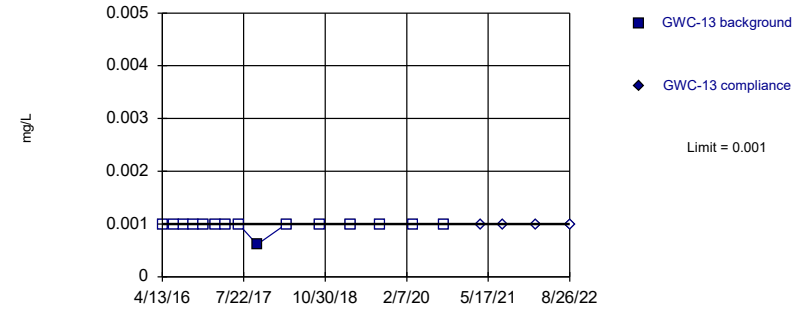


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Constituent: Lead, Total Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

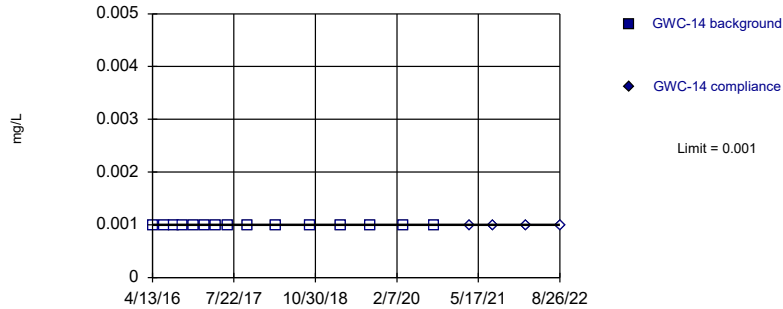


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Constituent: Lead, Total Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

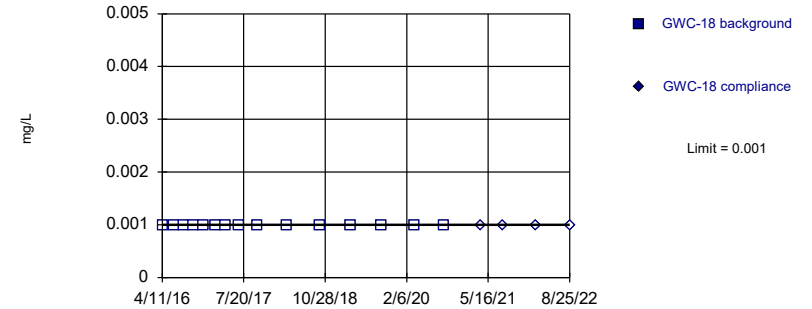


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

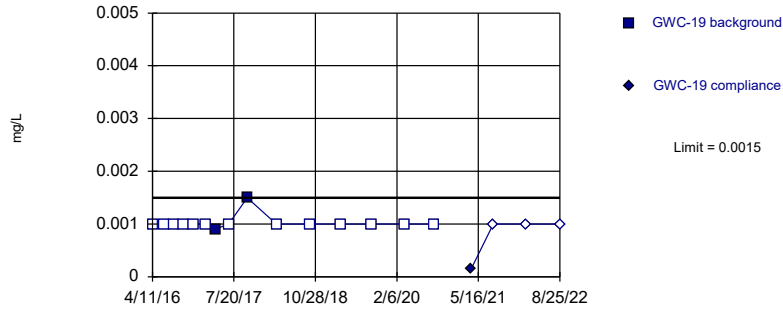


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Constituent: Lead, Total Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

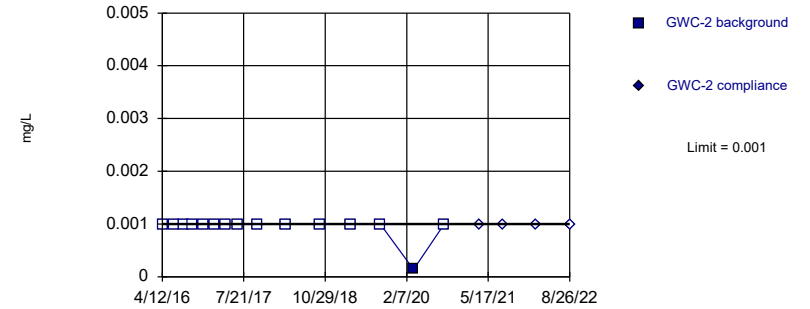


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Constituent: Lead, Total Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

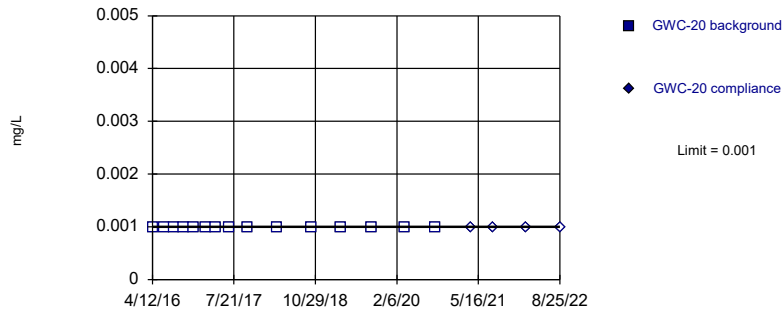


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Constituent: Lead, Total Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

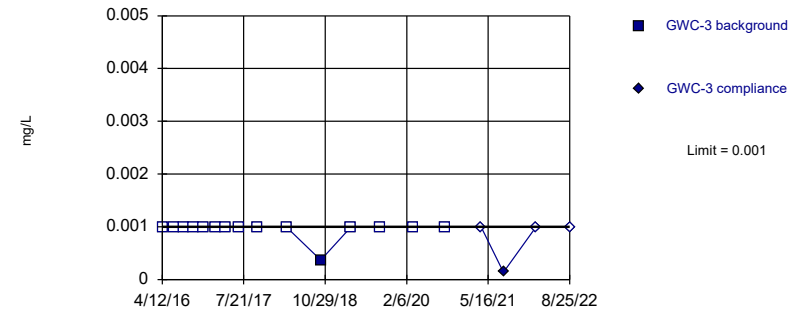


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Constituent: Lead, Total Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



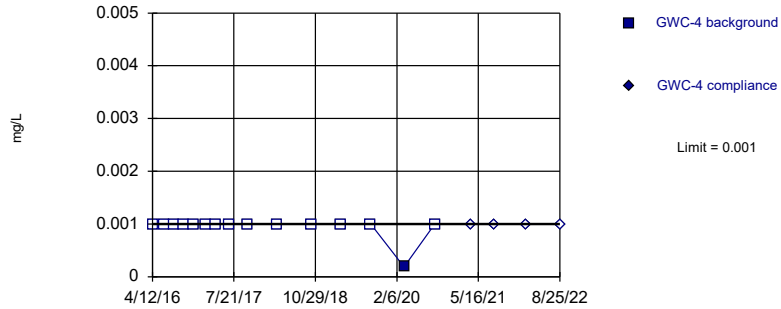
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Constituent: Lead, Total Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



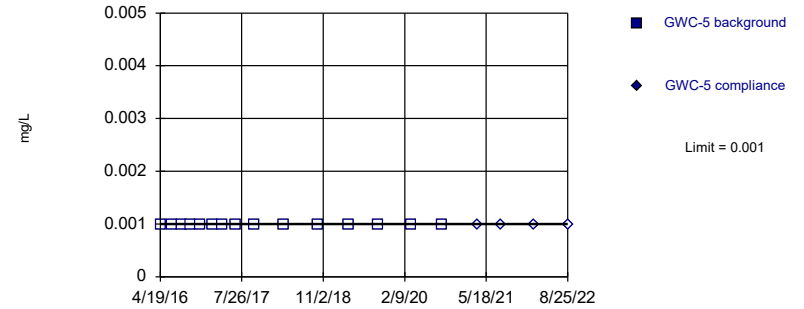
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



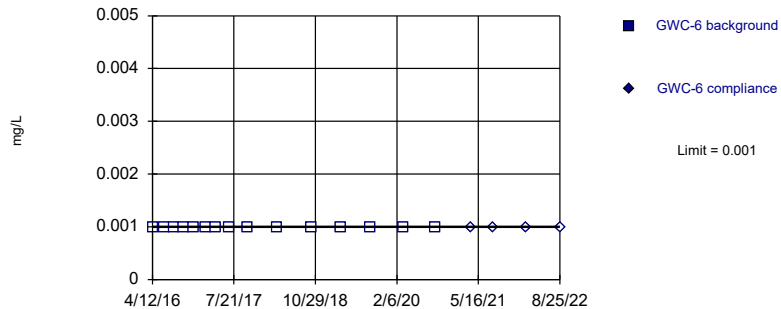
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



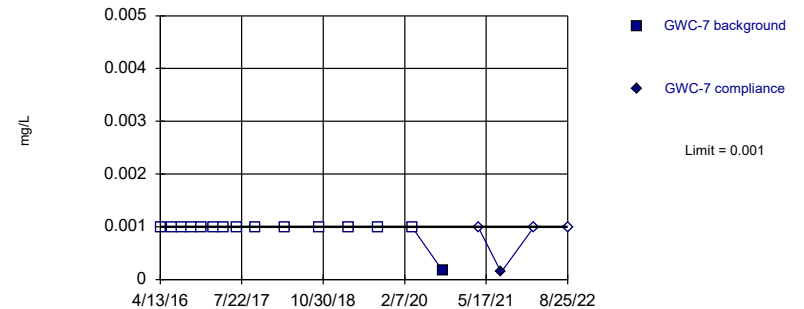
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



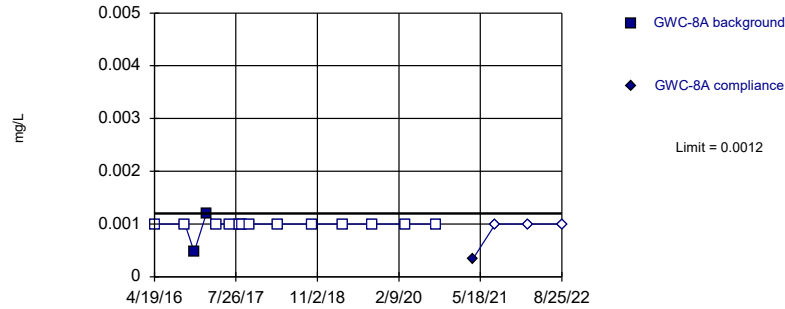
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



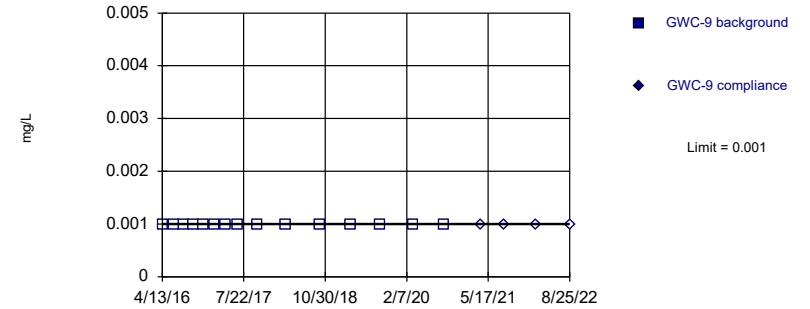
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

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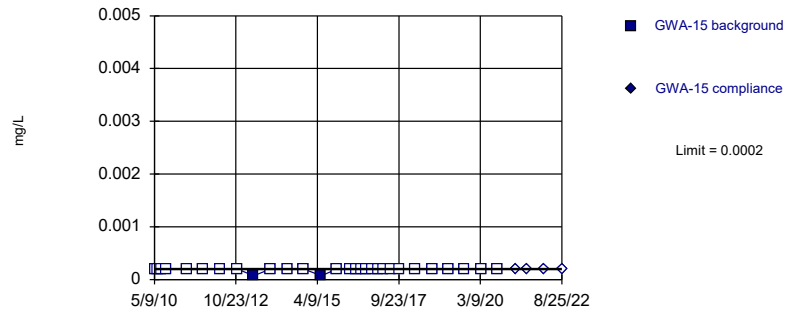
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

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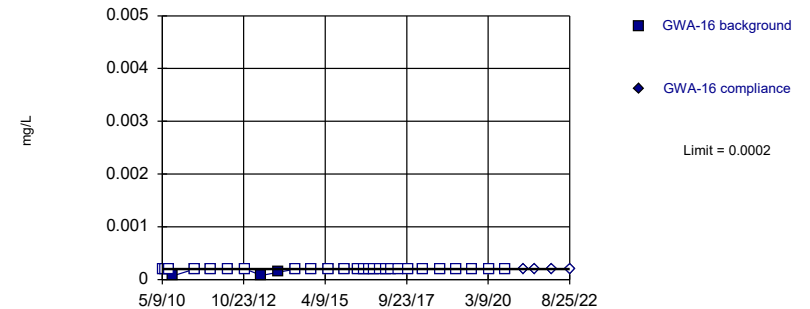
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



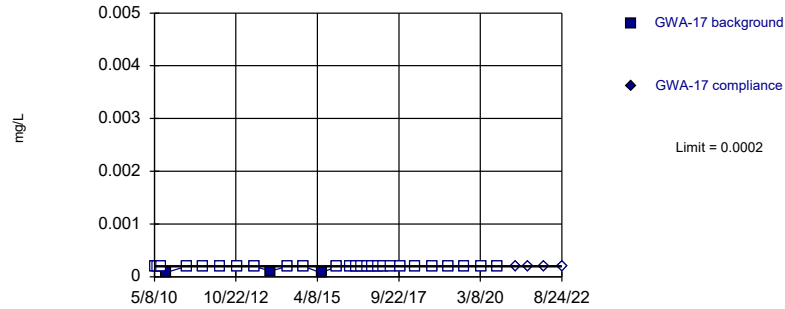
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

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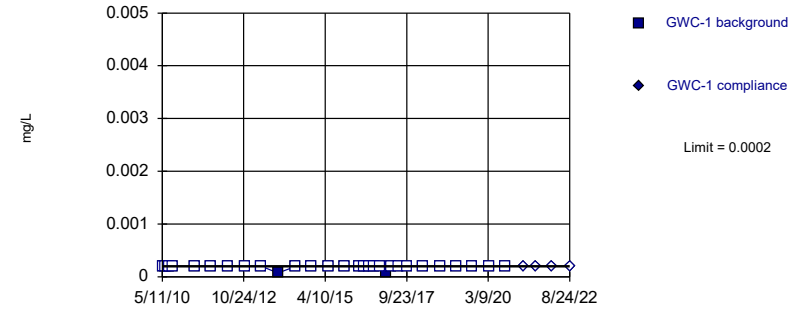
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

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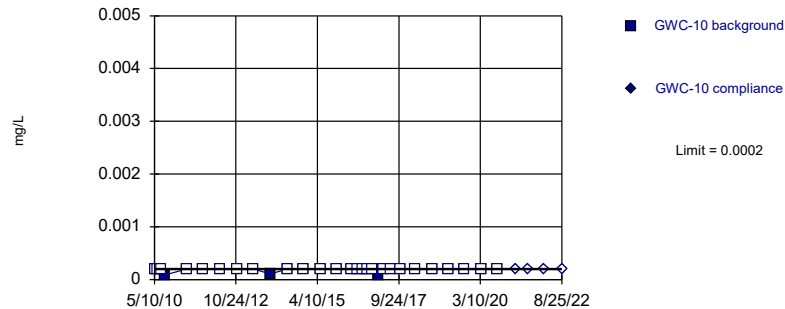
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

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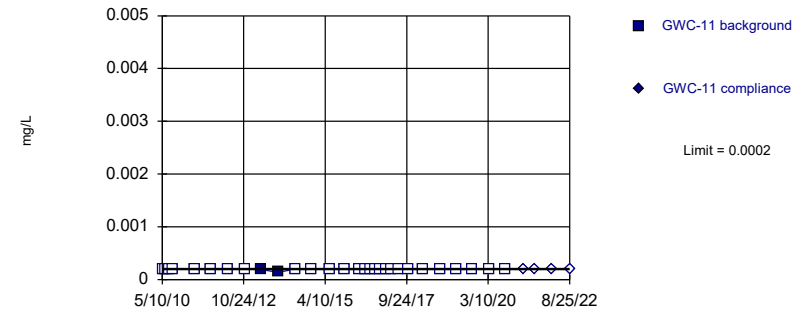
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

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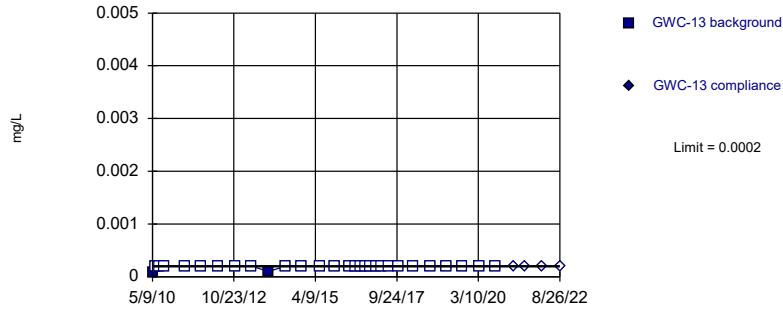
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



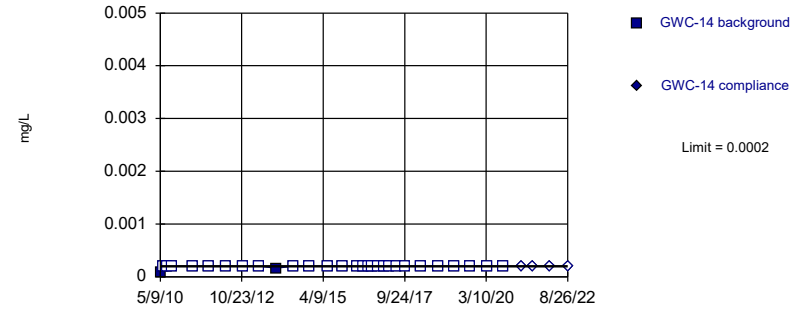
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



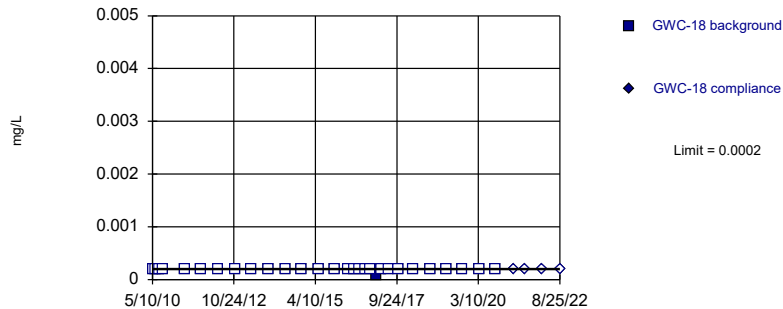
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

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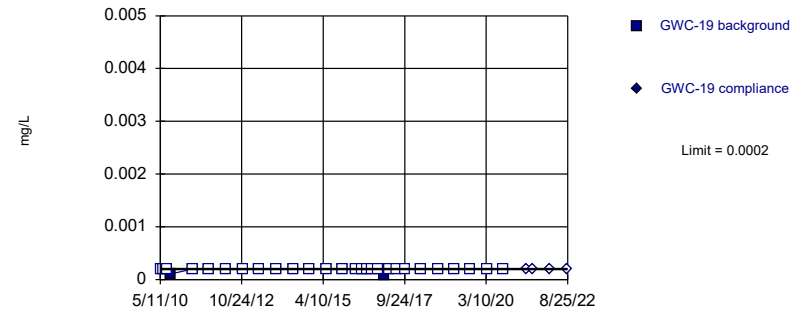
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

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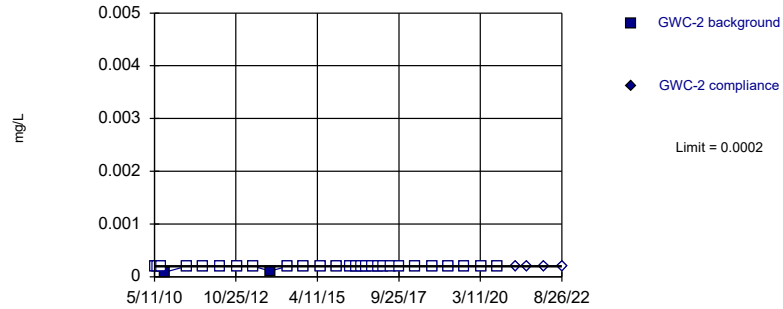


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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

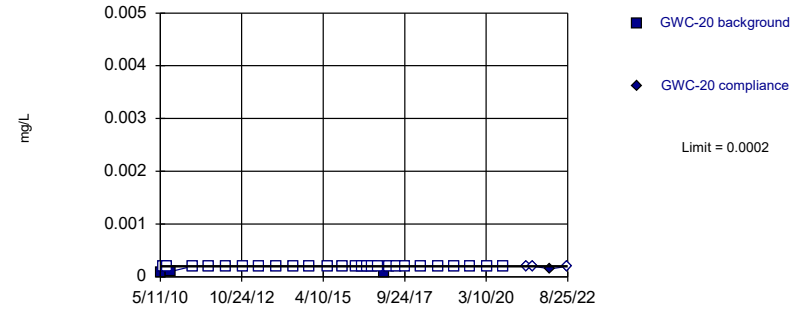


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Constituent: Mercury Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

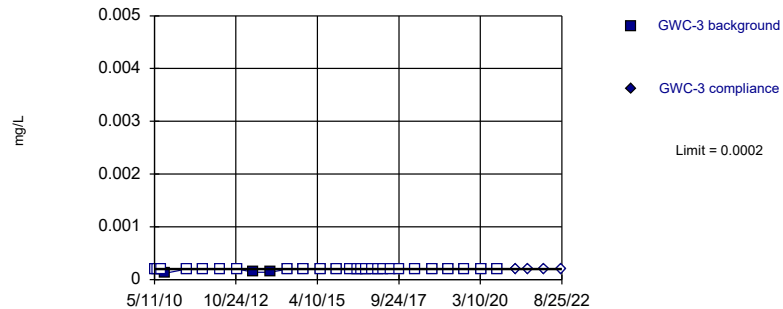


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Constituent: Mercury Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

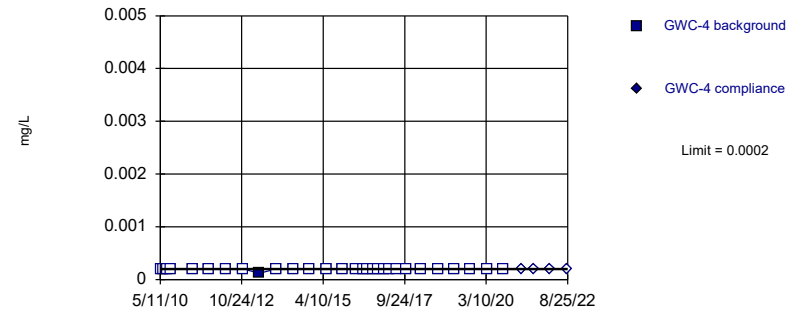


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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

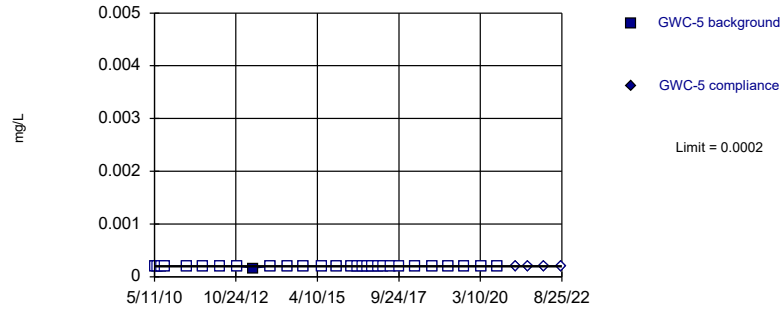


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Constituent: Mercury Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

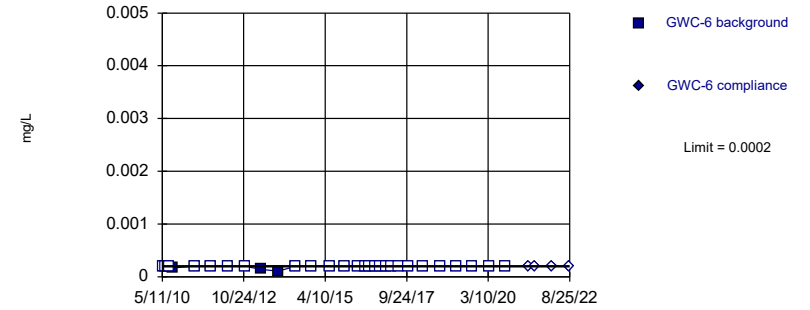


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Constituent: Mercury Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

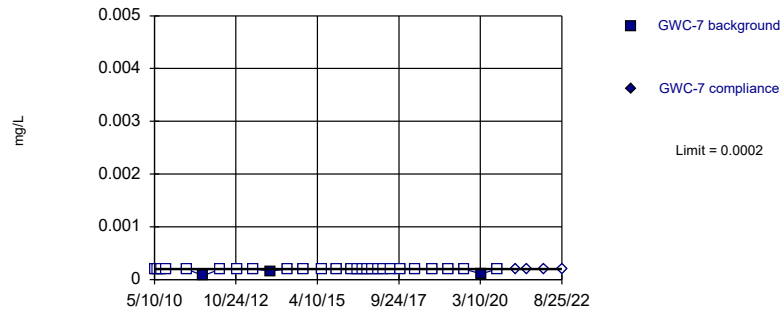


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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

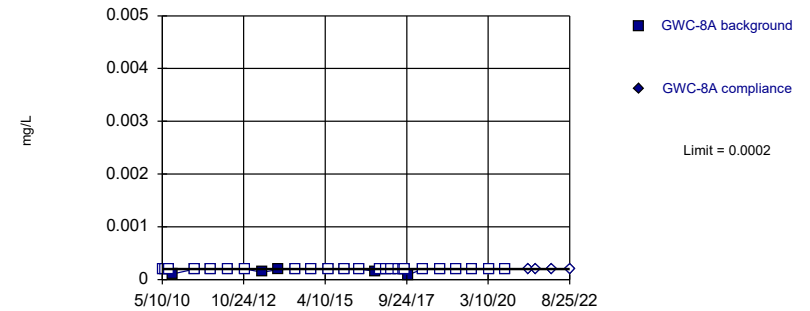


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Constituent: Mercury Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric



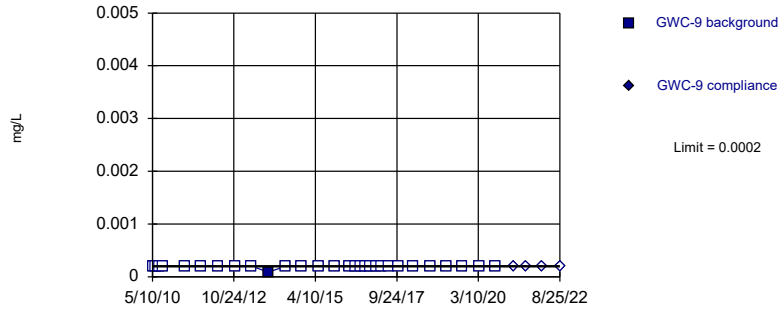
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Constituent: Mercury Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



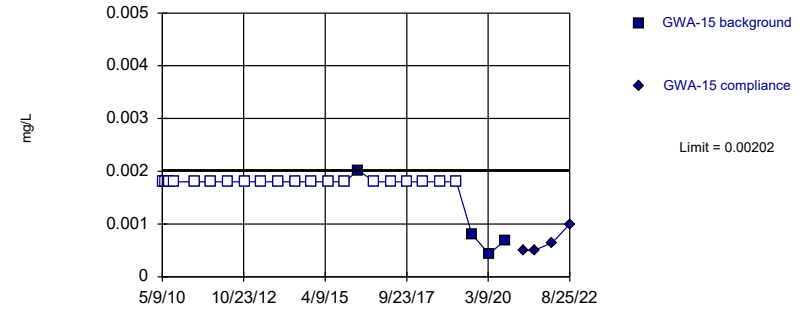
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



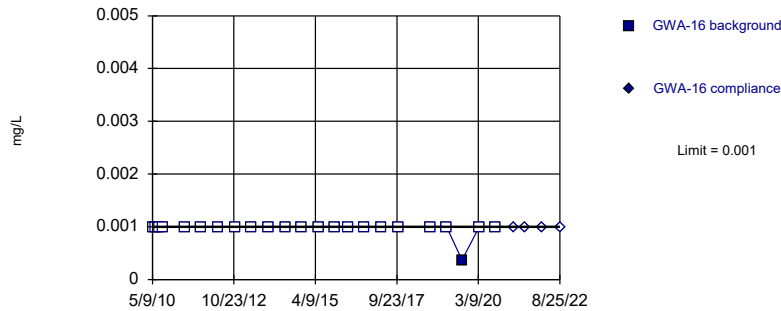
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Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



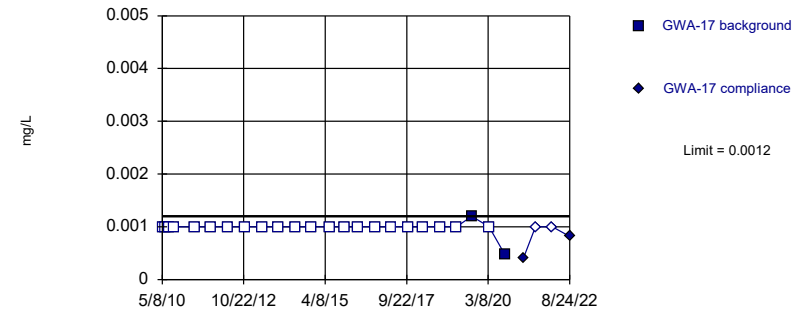
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Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

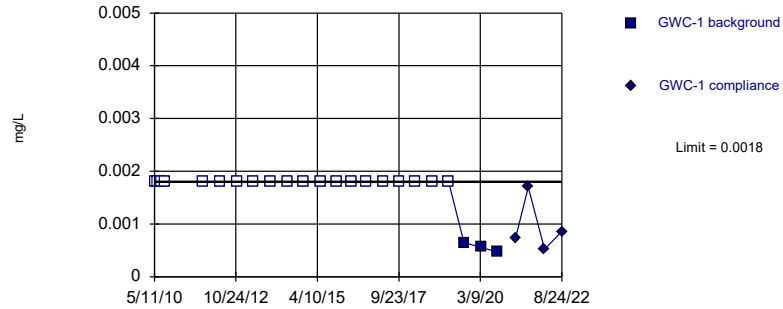


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

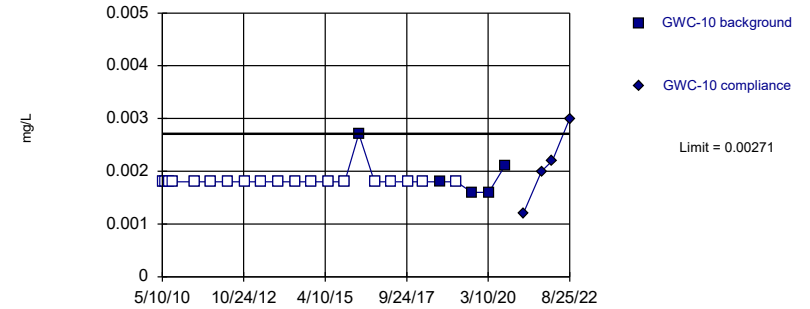


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

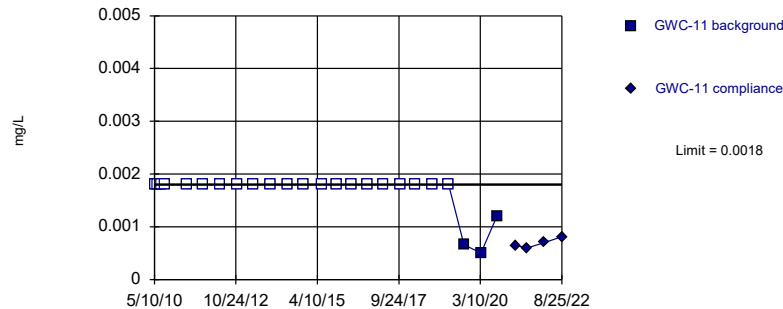


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

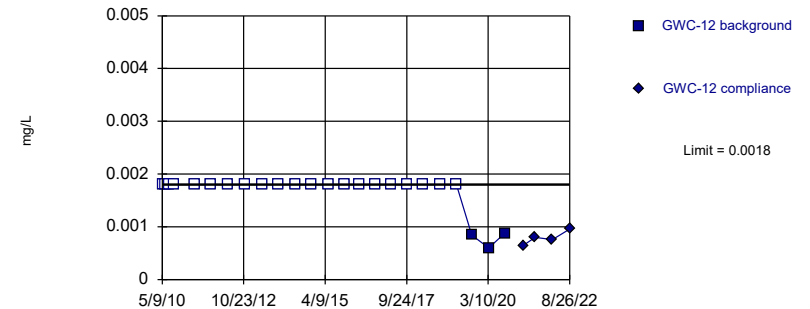


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

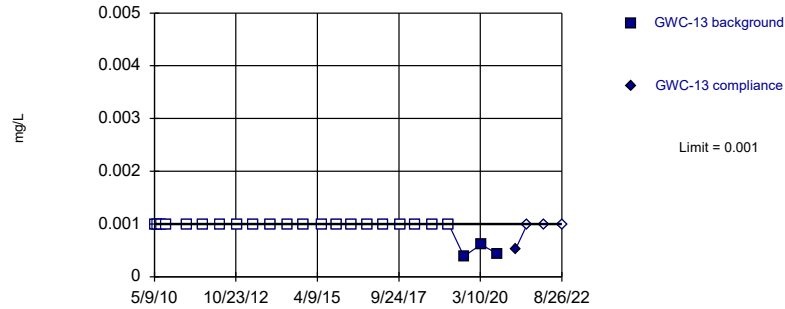


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

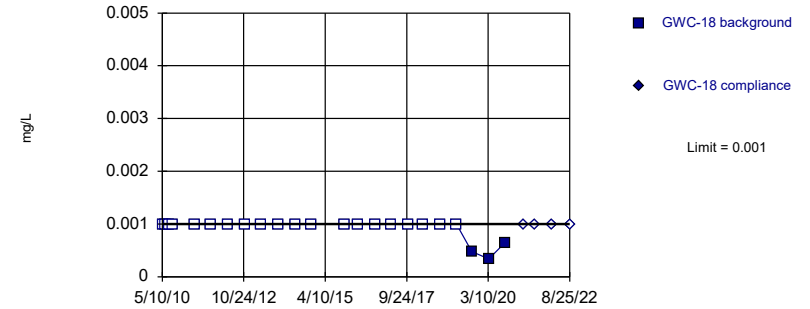


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

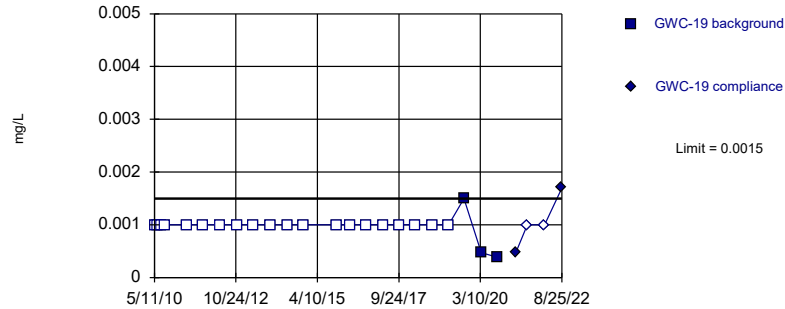


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

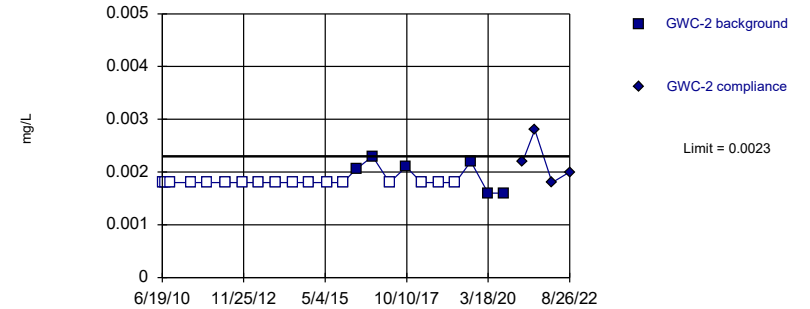


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

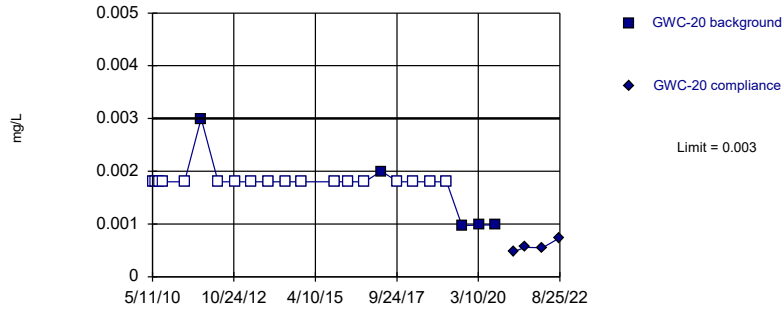


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

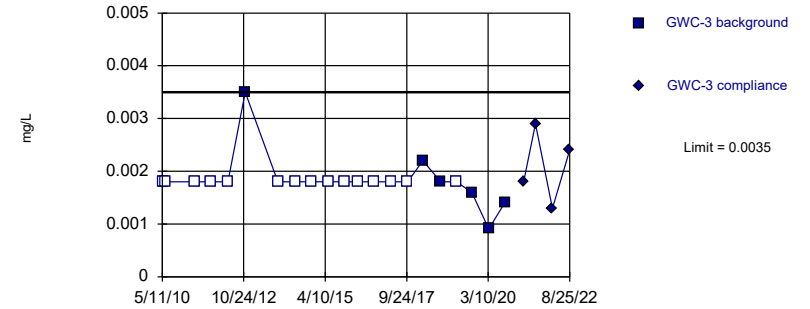


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

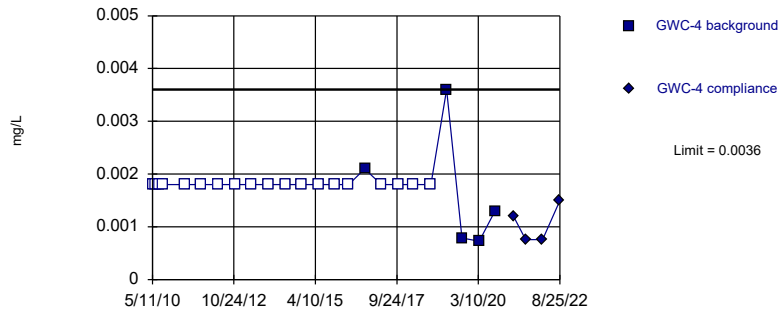


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

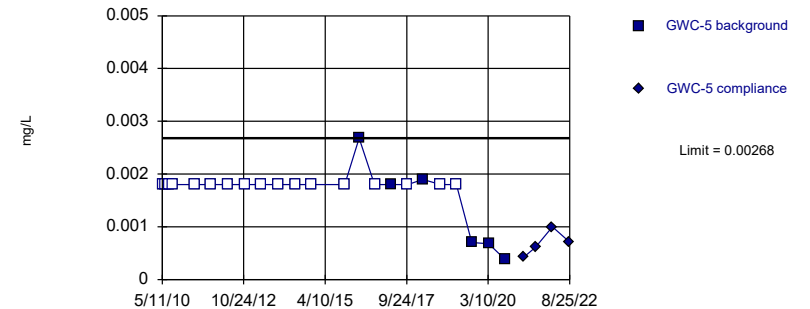


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric



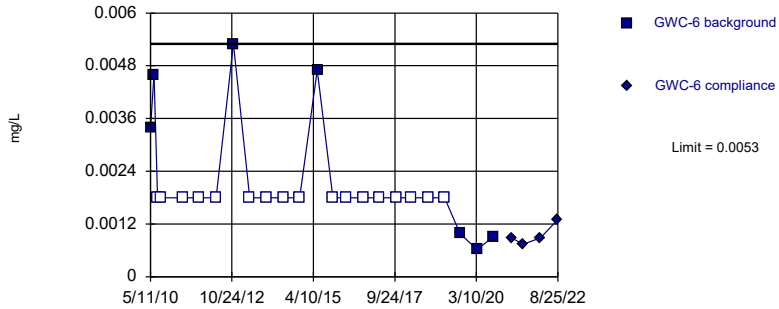
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



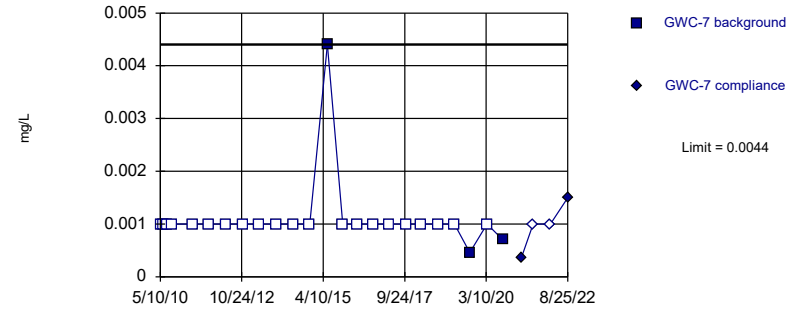
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 70.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



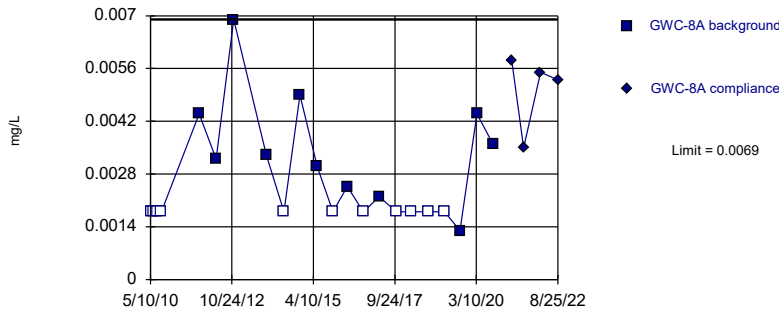
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



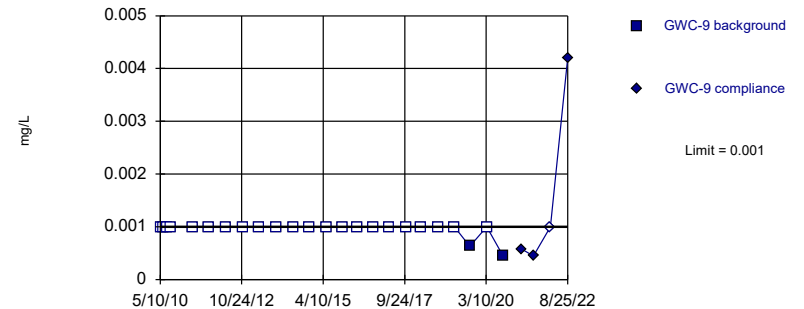
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 50% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:54 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit

Intrawell Non-parametric

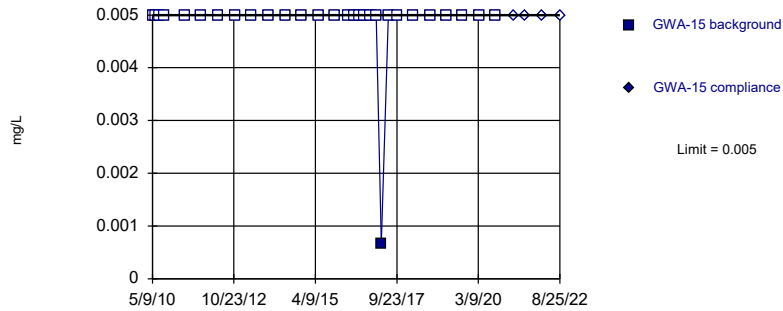


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

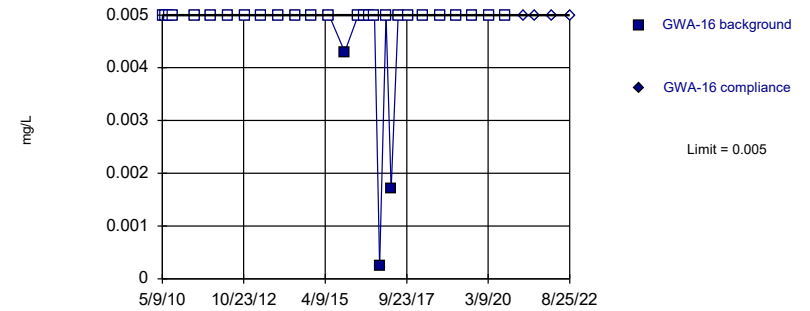


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

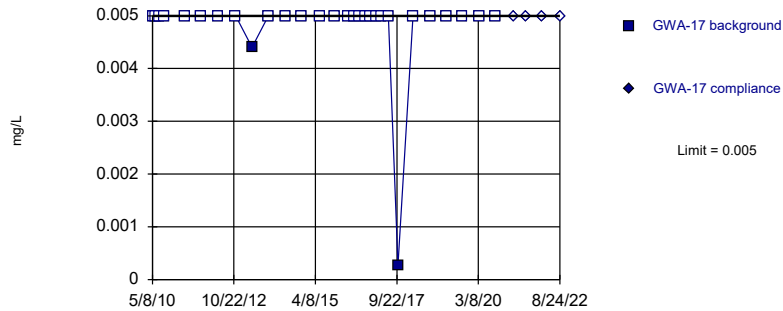


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

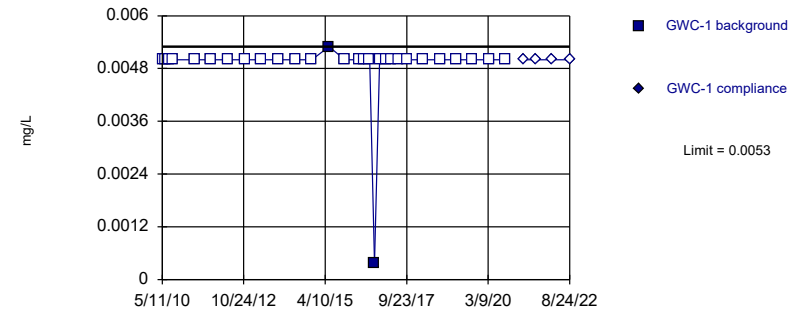


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

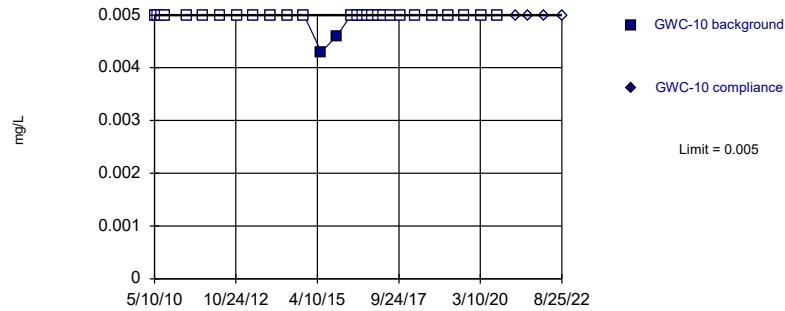


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

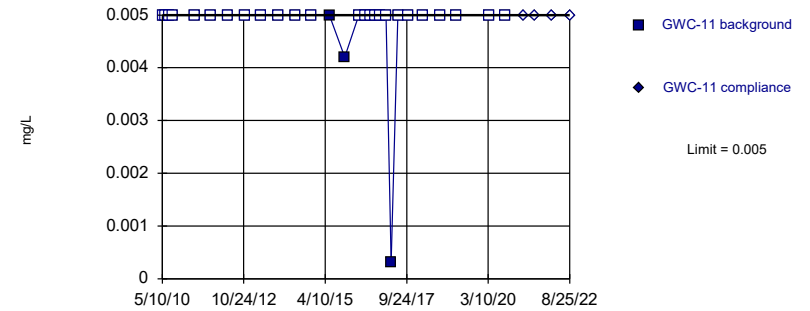


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

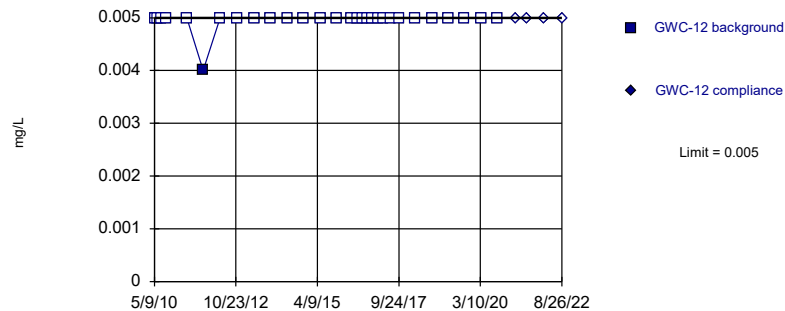


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

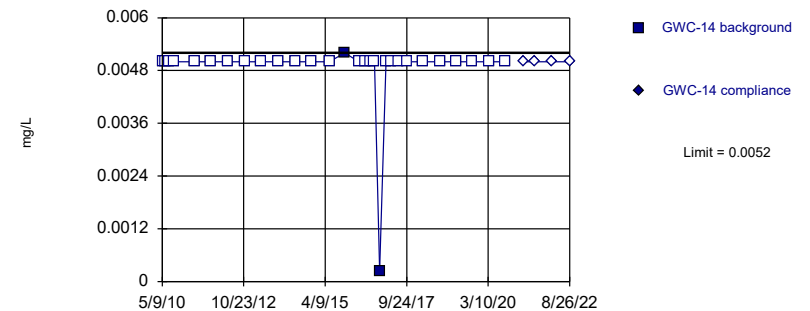


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

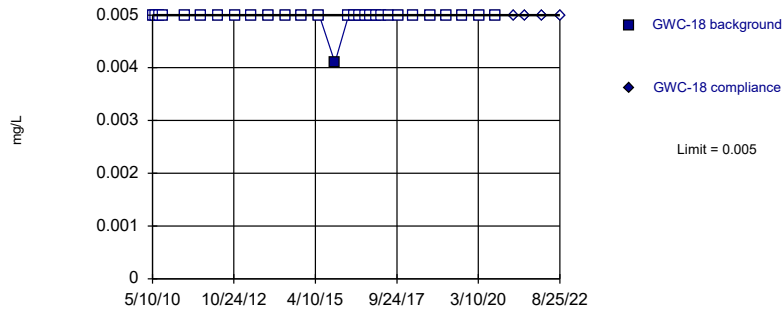


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

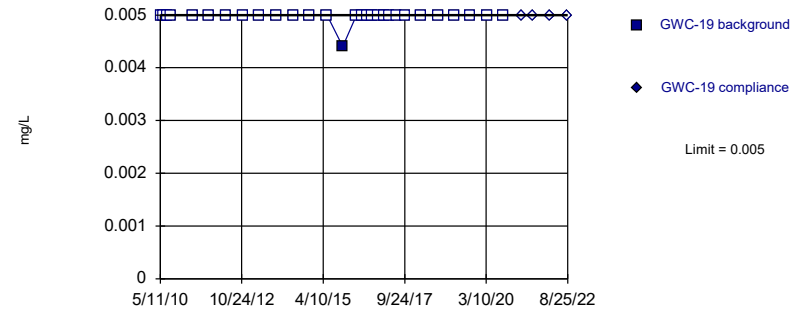


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

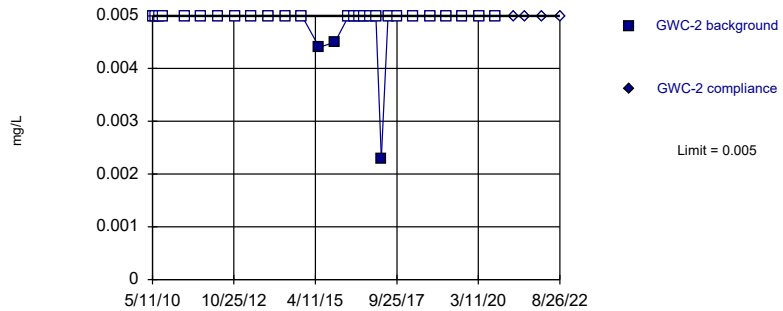


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

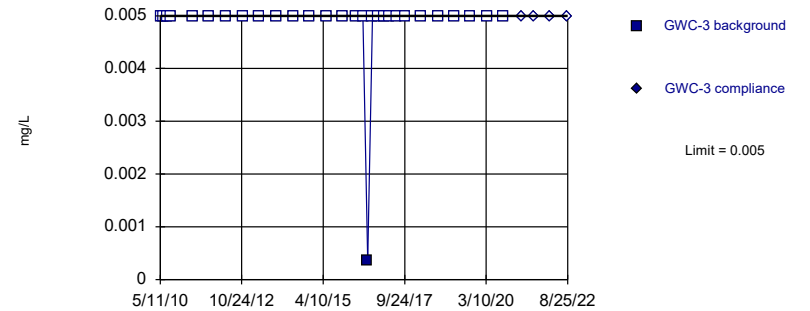


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

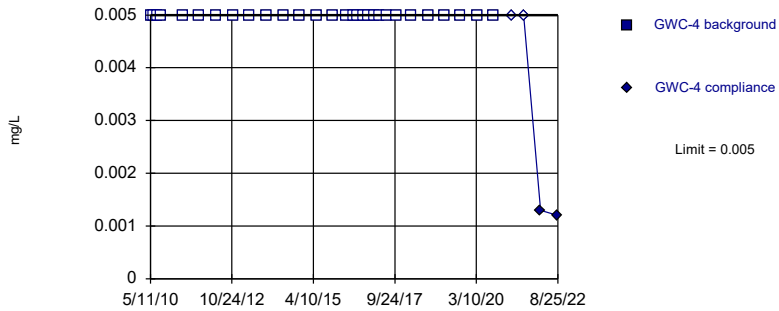


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

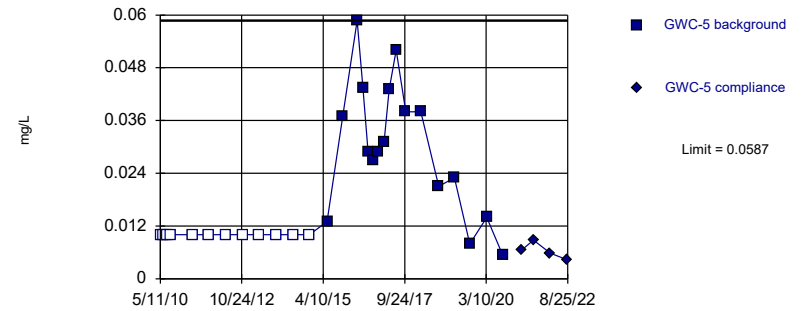


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

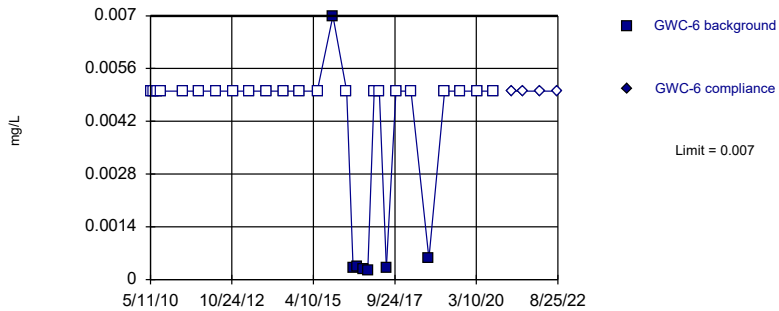


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 41.38% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

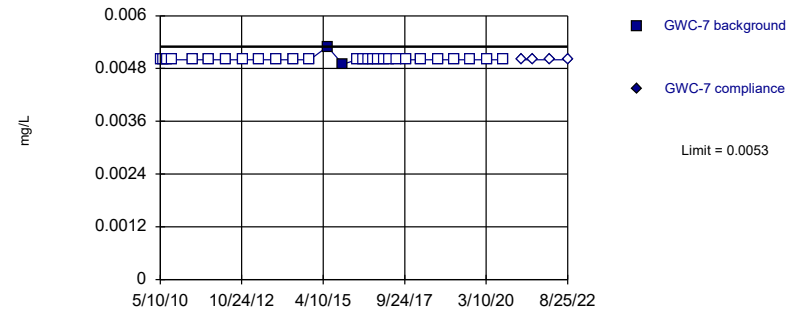


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 75.86% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

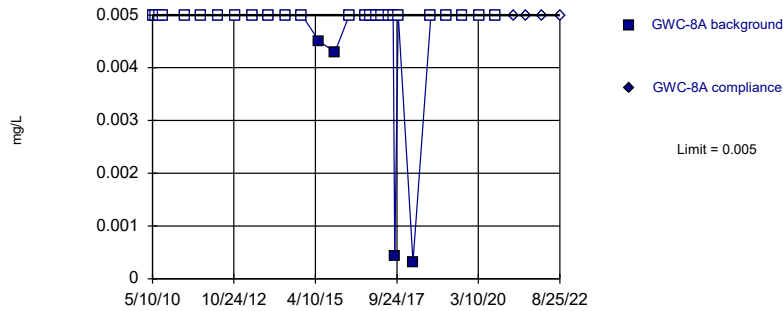


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

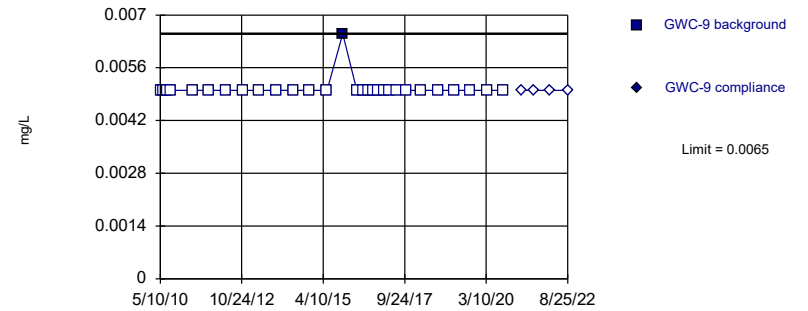


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 86.21% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

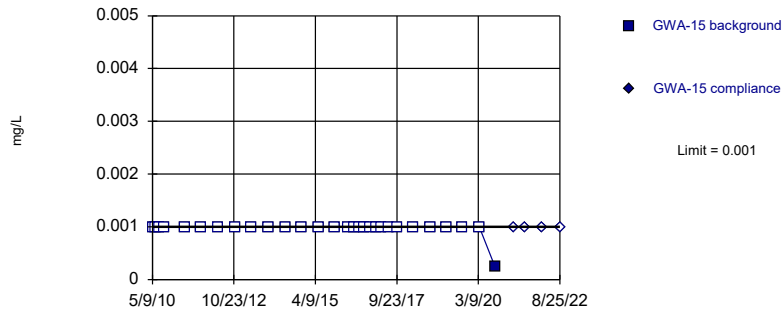


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

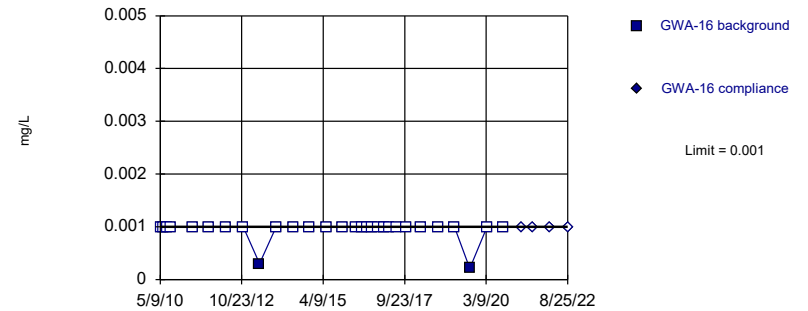


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

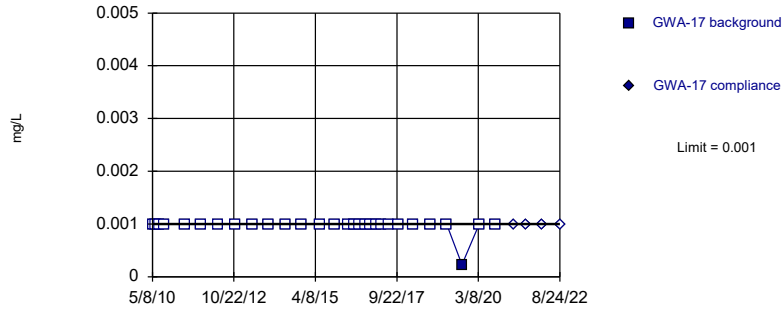


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

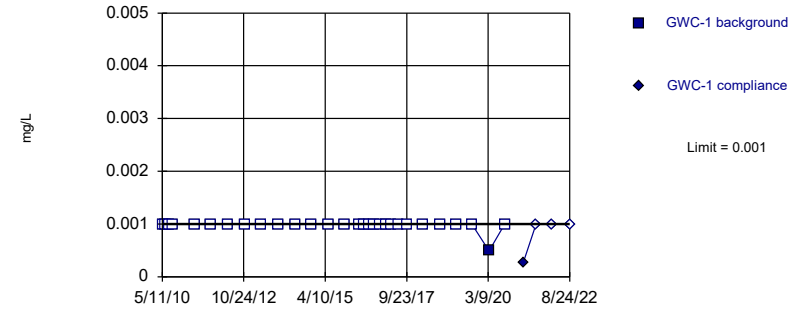


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

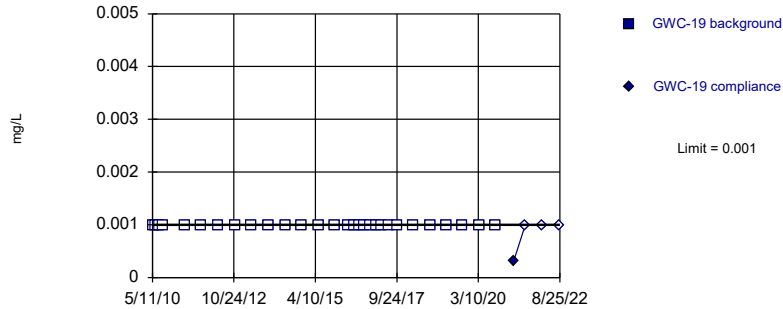


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

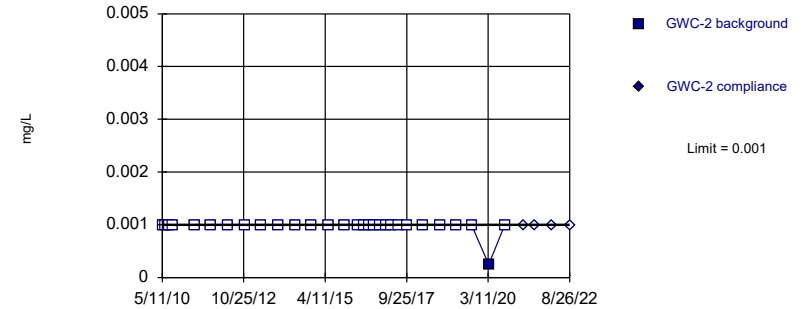


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

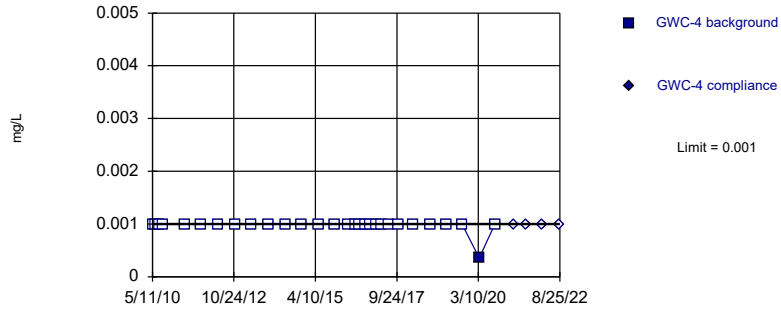


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

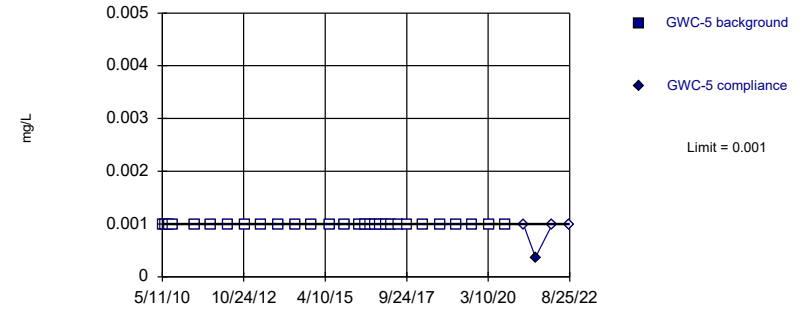


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

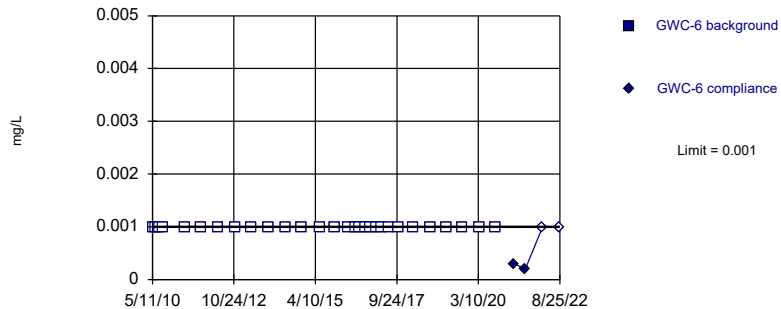


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

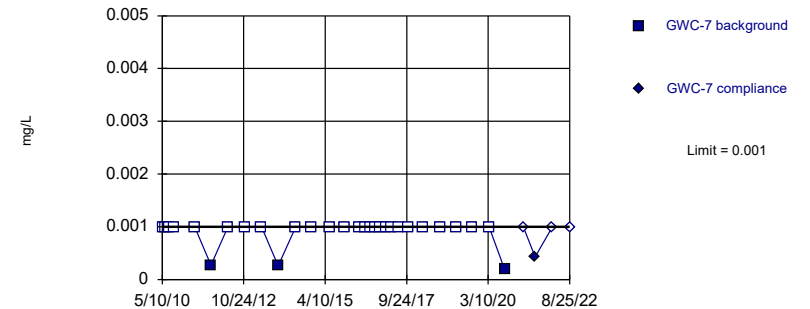


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric



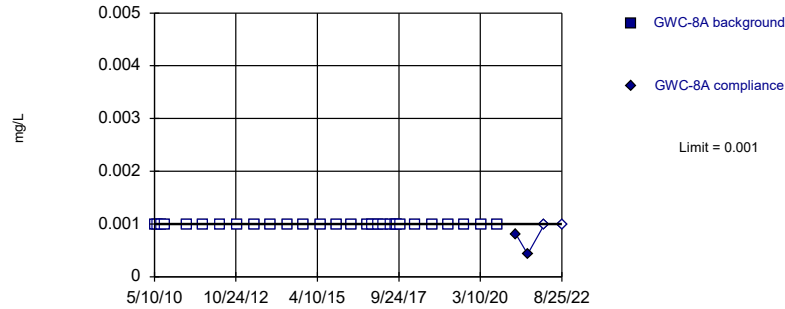
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



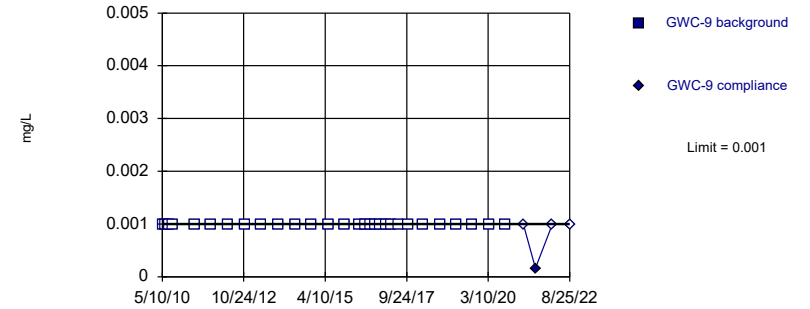
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



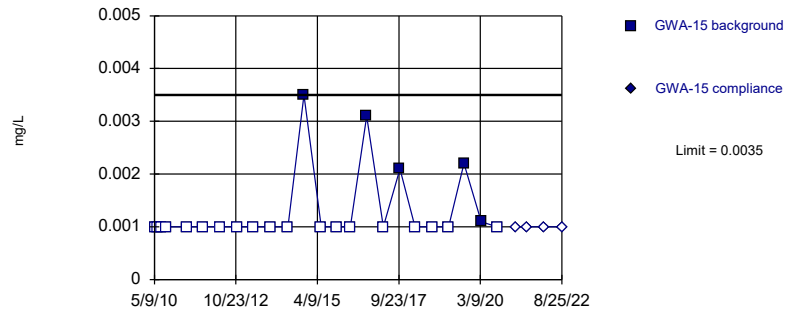
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



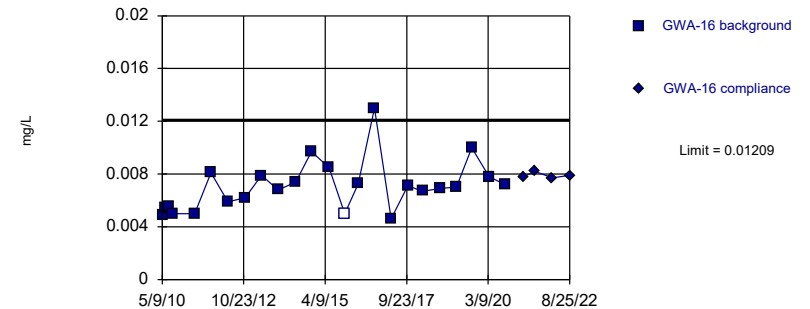
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric

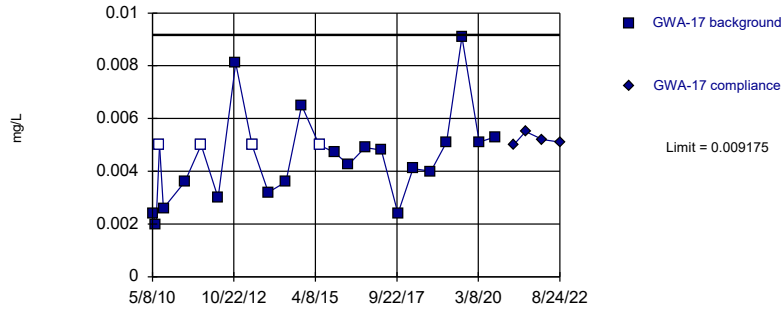


Background Data Summary: Mean=0.007036, Std. Dev.=0.001938, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8957, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

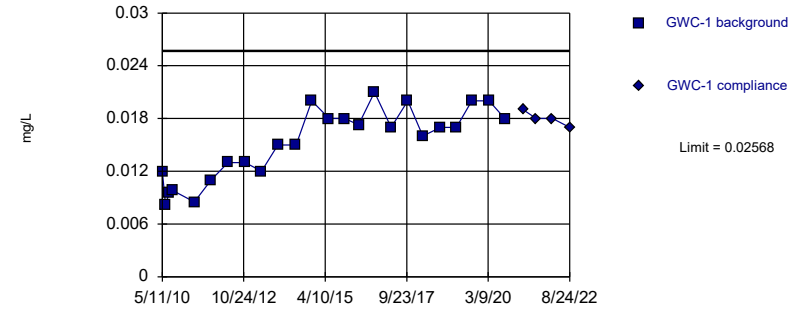


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.00428, Std. Dev.=0.001876, n=24, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.908, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

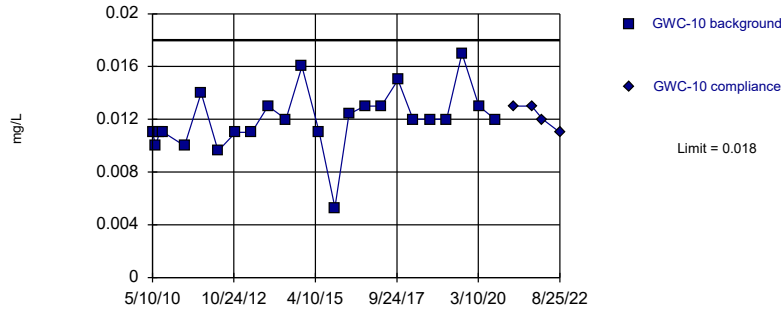


Background Data Summary: Mean=0.01527, Std. Dev.=0.003991, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9292, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

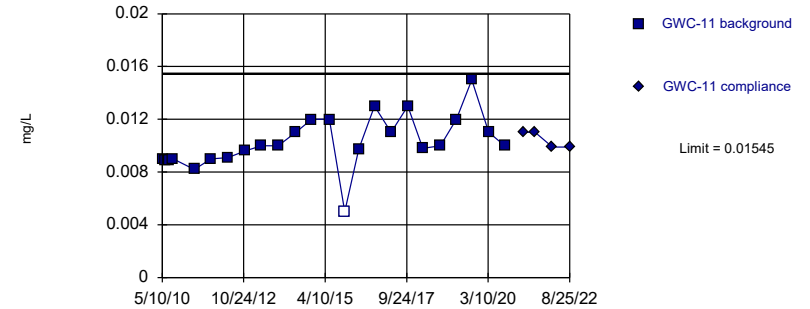


Background Data Summary: Mean=0.01197, Std. Dev.=0.002311, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9233, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

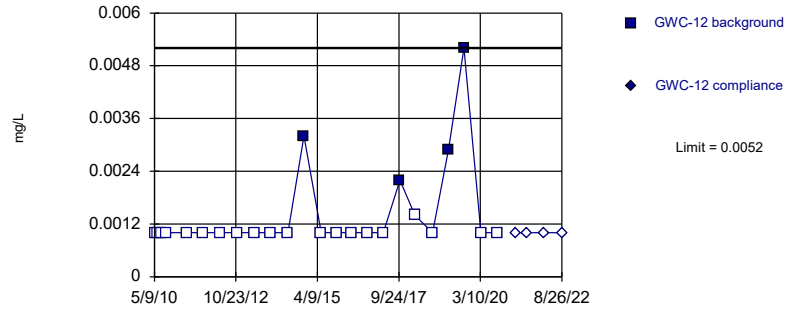


Background Data Summary: Mean=0.01026, Std. Dev.=0.00199, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9398, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

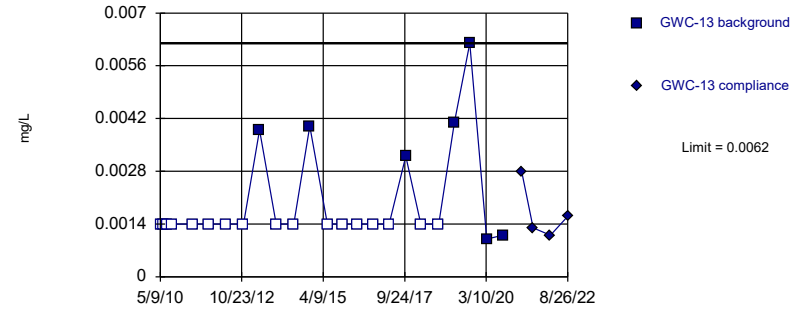


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

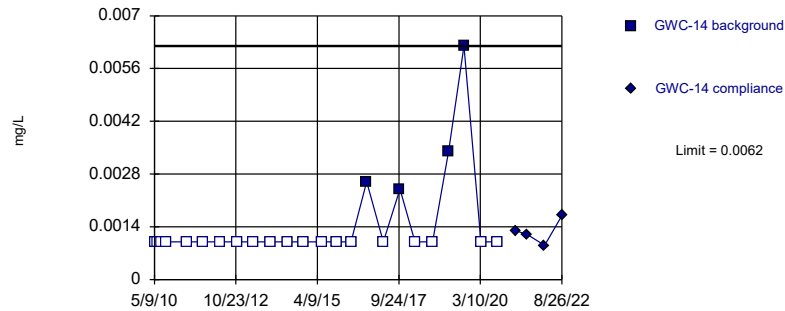


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 70.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

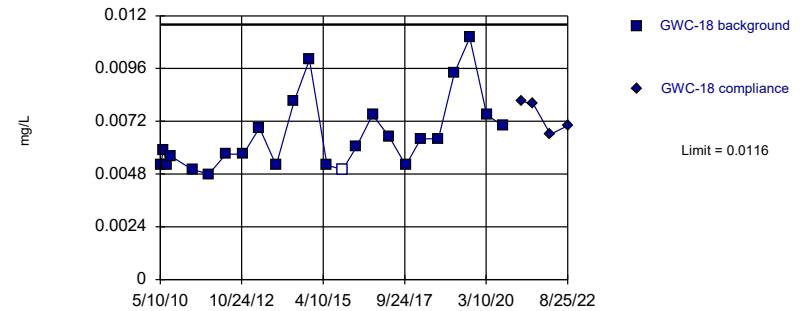


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

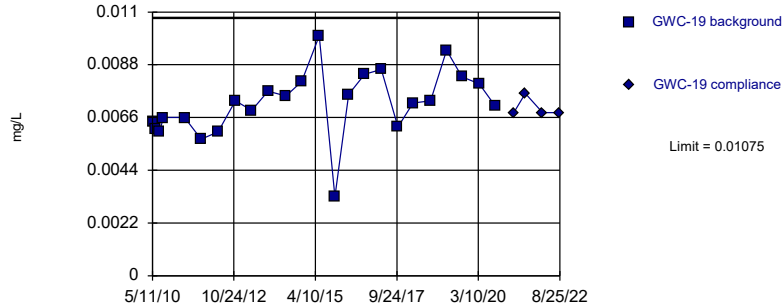


Background Data Summary (based on natural log transformation): Mean=-5.061, Std. Dev.=0.2315, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8977, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

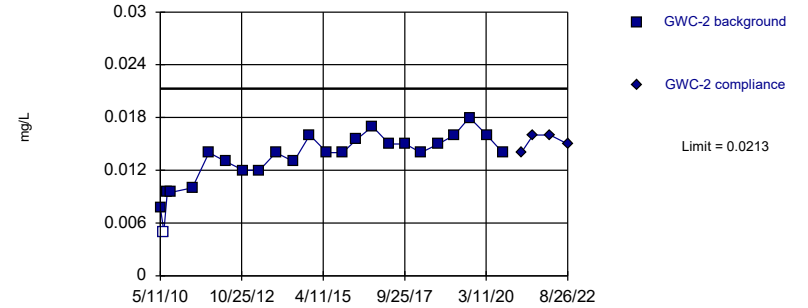


Background Data Summary: Mean=0.007178, Std. Dev.=0.001371, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9601, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

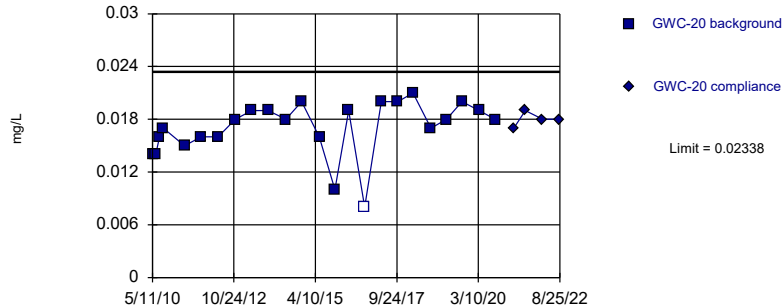


Background Data Summary: Mean=0.01331, Std. Dev.=0.003063, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9164, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

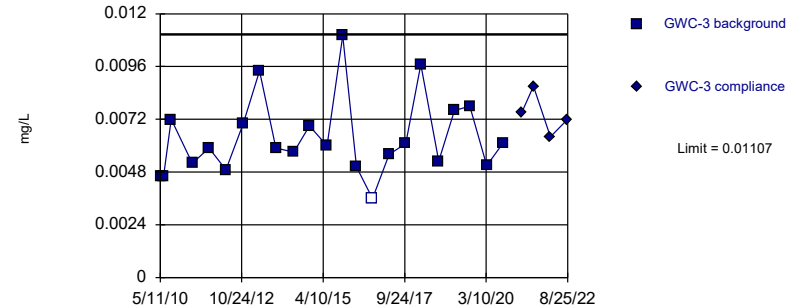


Background Data Summary (based on square transformation): Mean=0.0002985, Std. Dev.=0.00009509, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9321, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

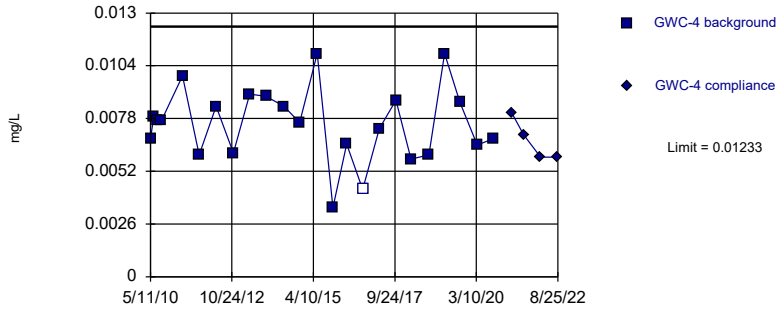


Background Data Summary: Mean=0.006358, Std. Dev.=0.001789, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9085, critical = 0.881. Kappa = 2.632 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

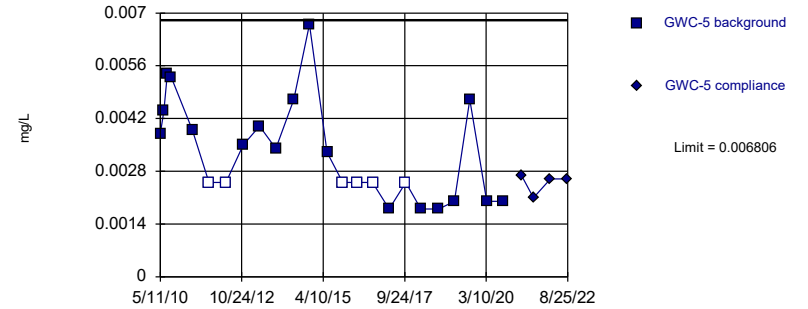


Background Data Summary: Mean=0.007514, Std. Dev.=0.001845, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9753, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

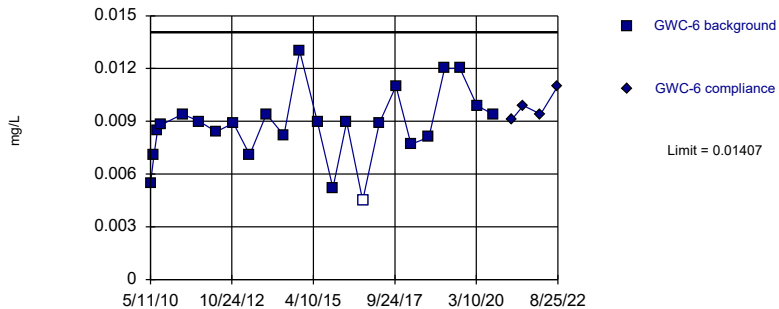


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003039, Std. Dev.=0.001444, n=24, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9048, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

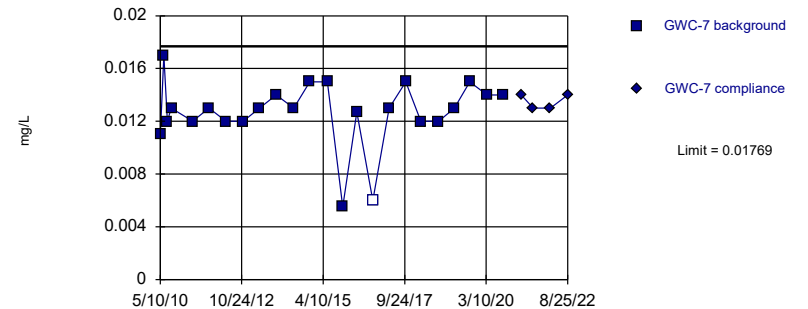


Background Data Summary: Mean=0.008748, Std. Dev.=0.00204, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9515, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

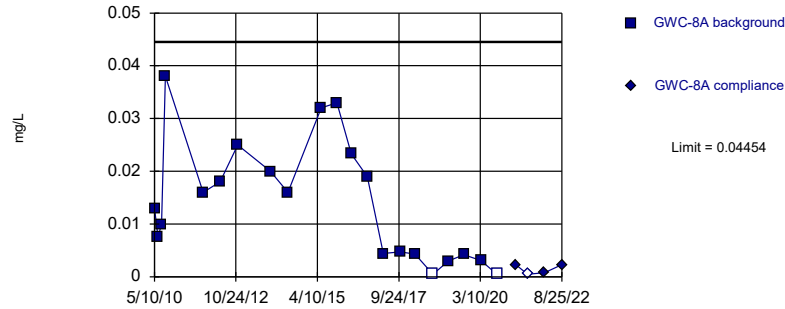


Background Data Summary (based on square transformation): Mean=0.0001668, Std. Dev.=0.00005598, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9039, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

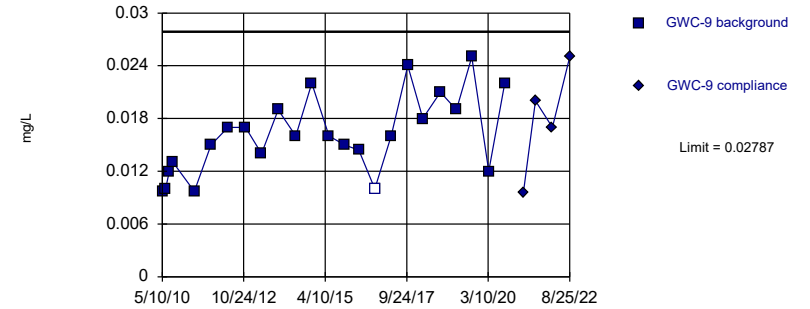


Background Data Summary: Mean=0.01407, Std. Dev.=0.01137, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9158, critical = 0.873. Kappa = 2.68 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

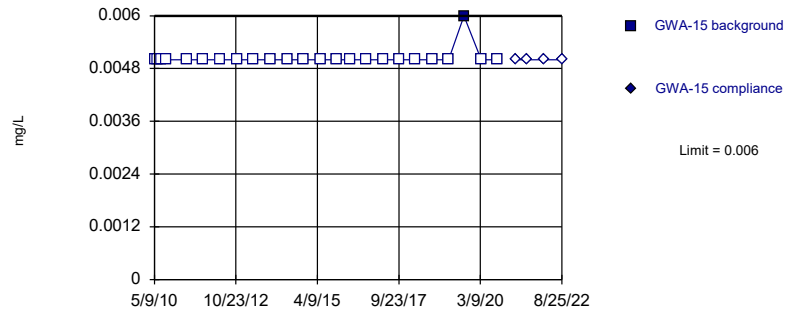


Background Data Summary: Mean=0.01612, Std. Dev.=0.004504, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9552, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

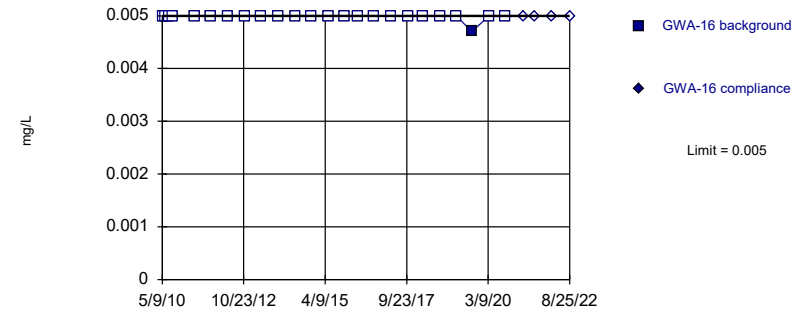


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

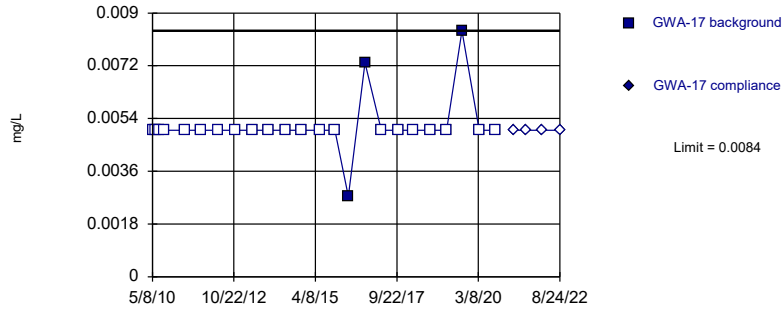


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

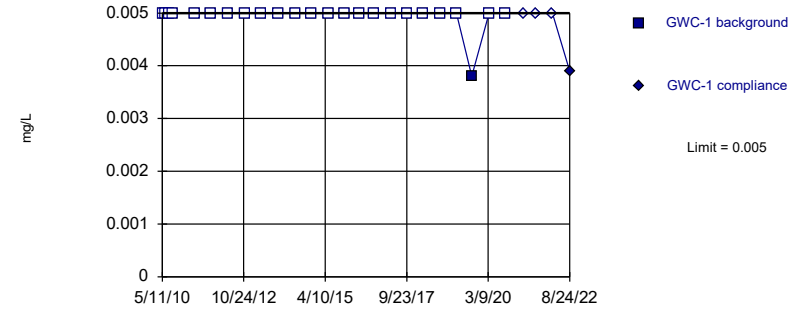


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

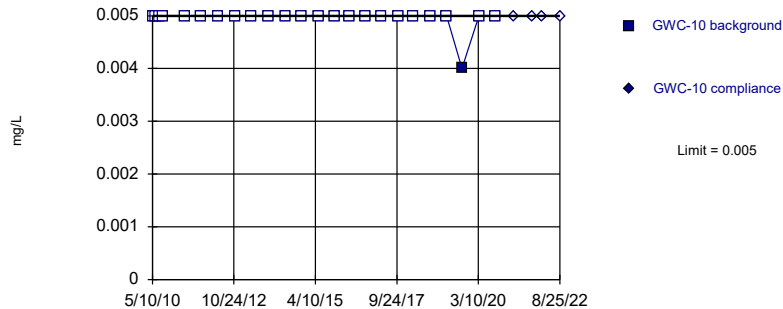


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

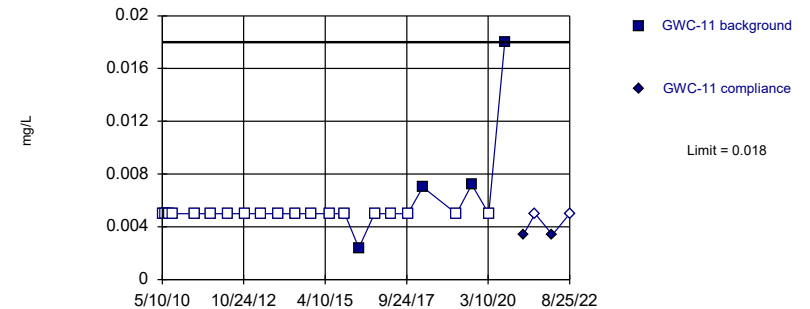


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

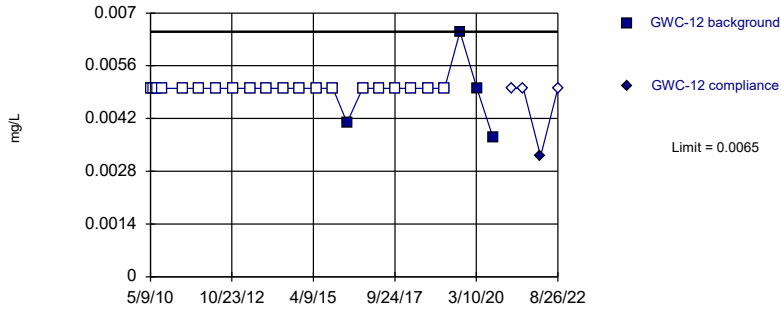


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

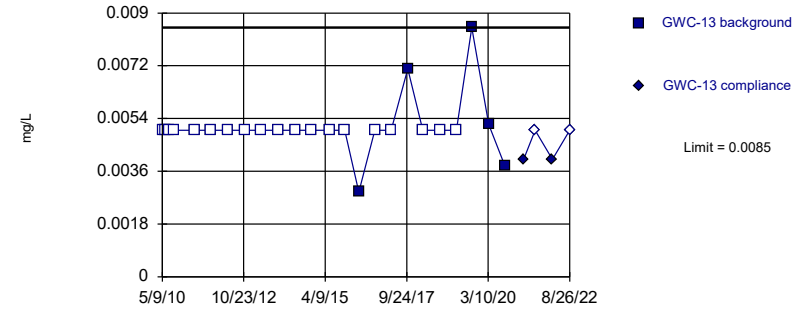


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

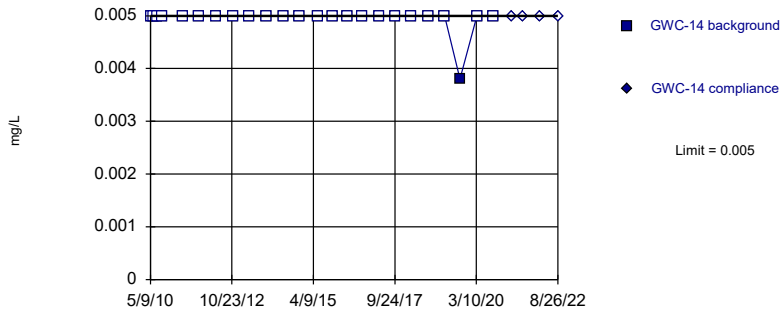


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

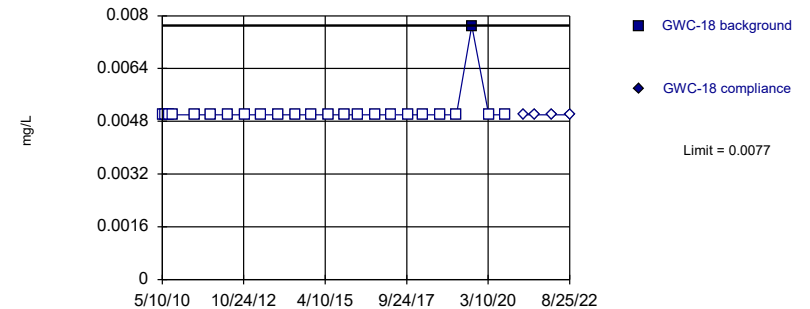


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:55 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

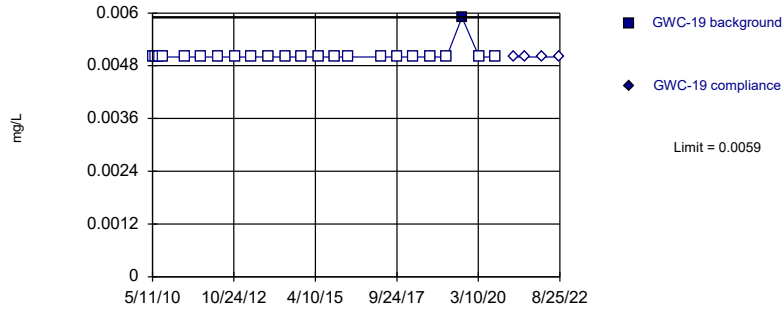


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:56 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

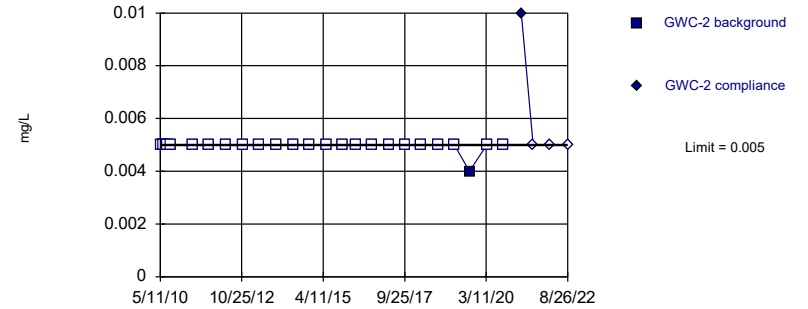


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:56 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

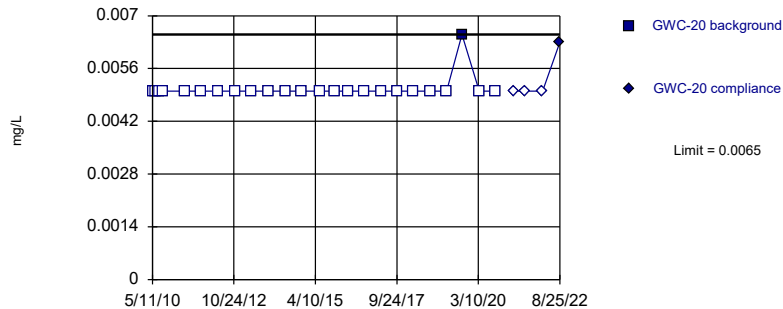


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:56 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

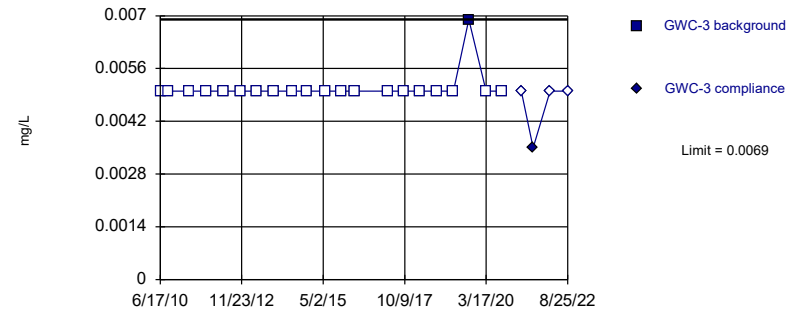


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:56 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

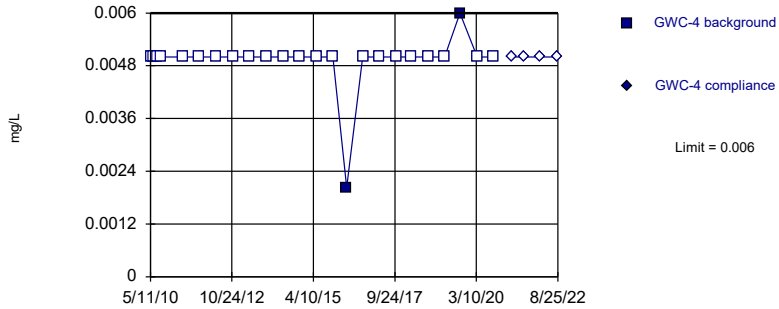


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:56 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

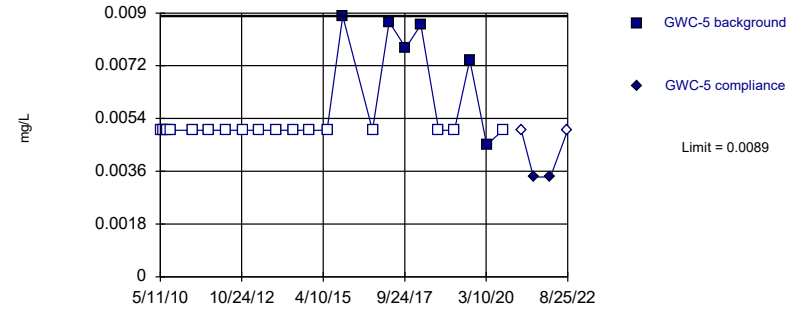


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:56 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

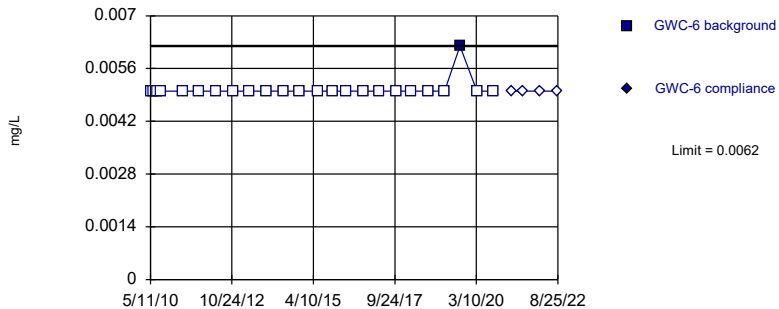


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:56 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

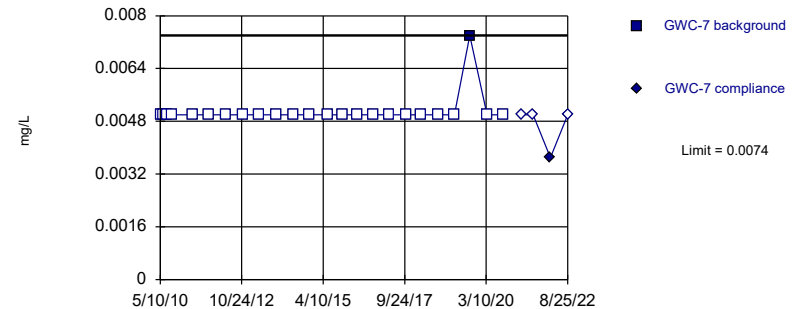


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:56 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



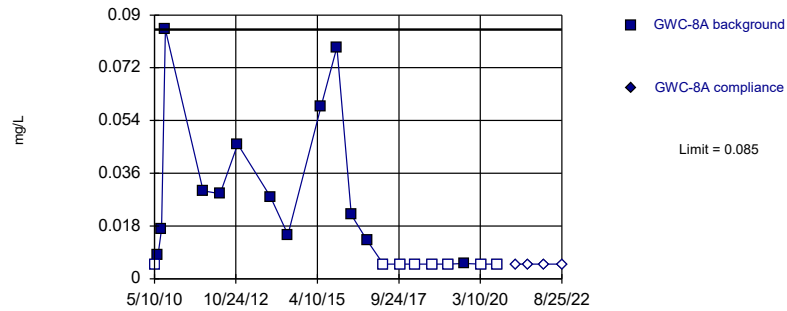
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:56 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



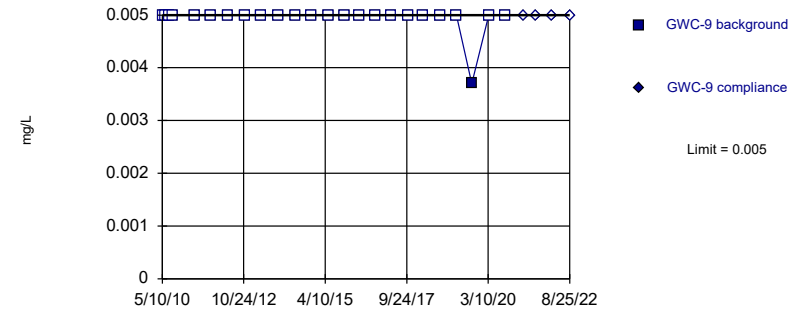
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 38.1% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:56 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 11/29/2022 4:56 PM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/29/2016	<0.002	
2/7/2017	0.001 (J)	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/15/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	0.000646 (JD)	
6/21/2016	<0.002	
8/15/2016	<0.002	
10/5/2016	<0.002	
12/1/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002 (D)	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002
8/26/2022		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00018 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00039 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/8/2014	<0.002	
5/23/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00014 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/9/2020	<0.002	
4/5/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/16/2016	<0.002	
8/11/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00042 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		0.0013 (J)
8/12/2021		<0.002
2/15/2022		<0.002
8/26/2022		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002 (D)	
6/20/2016	0.0002 (J)	
8/12/2016	<0.002	
10/5/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021		<0.002
8/12/2021		<0.002
2/15/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/8/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/20/2016	<0.002	
8/12/2016	<0.002	
10/6/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021		<0.002
8/12/2021		<0.002
2/15/2022		<0.002
8/25/2022		0.00058 (J)

Prediction Limit

Constituent: Antimony, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
6/20/2016	0.0002 (J)	
8/15/2016	<0.002	
10/6/2016	<0.002	
12/1/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/15/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	0.01 (J)	
6/18/2010	0.01 (J)	
7/28/2010	0.011 (J)	
9/9/2010	0.011 (J)	
4/30/2011	0.0091 (J)	
10/28/2011	0.0096 (J)	
5/2/2012	0.012	
11/9/2012	0.012 (V)	
5/8/2013	0.01	
11/5/2013	0.0098 (J)	
5/20/2014	0.0081 (J)	
11/12/2014	0.0098 (J)	
5/22/2015	0.0088 (J)	
11/11/2015	0.011	
4/6/2016	0.00959 (J)	
6/15/2016	0.0091 (J)	
8/10/2016	0.009	
10/4/2016	<0.0092	
11/30/2016	0.011	
2/7/2017	0.0099	
4/4/2017	0.0092	
6/20/2017	0.0099	
10/4/2017	0.0098	
3/20/2018	0.01	
10/2/2018	0.0099	
3/26/2019	0.0099	
9/10/2019	0.011	
3/18/2020	0.01	
9/9/2020	0.01	
4/1/2021		0.0092 (J)
8/11/2021		0.01
2/15/2022		0.012
8/25/2022		0.012

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.031 (J)	
6/16/2010	0.029 (J)	
7/27/2010	0.029 (J)	
9/7/2010	0.028 (J)	
4/29/2011	0.026 (J)	
10/28/2011	0.025	
5/2/2012	0.025	
11/9/2012	0.028 (V)	
5/8/2013	0.029	
11/6/2013	0.026	
5/20/2014	0.025	
11/8/2014	0.026	
5/22/2015	0.026	
11/9/2015	0.024	
4/6/2016	0.026	
6/15/2016	0.023	
8/10/2016	0.022	
10/4/2016	0.024	
11/29/2016	0.023	
2/7/2017	0.024	
4/4/2017	0.022	
6/20/2017	0.025	
10/5/2017	0.023	
3/20/2018	0.023	
10/2/2018	0.023	
3/26/2019	0.024	
9/10/2019	0.039	
3/18/2020	0.027	
9/9/2020	0.024	
4/1/2021		0.024
8/11/2021		0.023
2/15/2022		0.024
8/25/2022		0.025

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	0.048 (J)	
6/16/2010	0.044 (J)	
7/26/2010	0.042 (J)	
9/7/2010	0.04 (J)	
4/29/2011	0.038 (J)	
10/28/2011	0.034	
5/2/2012	0.03	
11/9/2012	0.039 (V)	
5/8/2013	0.034	
11/6/2013	0.032	
5/20/2014	0.03	
11/8/2014	0.031	
5/22/2015	0.033	
11/9/2015	0.034	
4/6/2016	0.0347	
6/15/2016	0.029	
8/10/2016	0.027	
10/5/2016	<0.029	
11/29/2016	0.024	
2/7/2017	0.029	
4/4/2017	0.03	
6/20/2017	0.036	
10/5/2017	0.027	
3/20/2018	0.027	
10/2/2018	0.027	
3/26/2019	0.031	
9/10/2019	0.051	
3/18/2020	0.031	
9/9/2020	0.033	
4/1/2021		0.029
8/11/2021		0.029
2/15/2022		0.031
8/24/2022		0.031

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	0.054 (J)	
6/17/2010	0.054 (J)	
7/27/2010	0.054 (J)	
9/9/2010	0.046 (J)	
4/28/2011	0.057 (J)	
10/29/2011	0.046	
5/3/2012	0.049	
11/9/2012	0.045 (V)	
5/9/2013	0.053	
11/5/2013	0.045	
5/23/2014	0.043	
11/13/2014	0.046	
5/23/2015	0.046	
11/11/2015	0.047	
4/12/2016	0.0474	
6/16/2016	0.044	
8/11/2016	0.04	
10/4/2016	0.048	
11/30/2016	0.043	
2/7/2017	0.042	
4/5/2017	0.041	
6/20/2017	0.046	
10/4/2017	0.044	
3/20/2018	0.042	
10/2/2018	0.043	
3/26/2019	0.044	
9/10/2019	0.046	
3/18/2020	0.049	
9/9/2020	0.046	
4/1/2021		0.047
8/18/2021		0.049
2/15/2022		0.052
8/24/2022		0.043

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	0.024 (J)	
6/16/2010	0.022 (J)	
7/28/2010	0.023 (J)	
9/8/2010	0.023 (J)	
4/29/2011	0.022 (J)	
10/27/2011	0.022	
5/4/2012	0.019	
11/11/2012	0.025 (V)	
5/9/2013	0.024	
11/5/2013	0.025	
5/21/2014	0.024	
11/12/2014	0.026	
5/23/2015	0.026	
11/12/2015	0.026	
4/13/2016	0.0258 (D)	
6/21/2016	0.0286	
8/15/2016	0.024	
10/5/2016	<0.028	
12/1/2016	0.028	
2/8/2017	0.027	
4/6/2017	0.027	
6/21/2017	0.031	
10/5/2017	0.029	
3/21/2018	<0.028 (X)	
10/2/2018	0.029	
3/27/2019		0.027
9/11/2019		0.033
3/18/2020		0.036
9/9/2020		0.036
4/1/2021		0.034
10/18/2021		0.031
2/15/2022		0.036
8/25/2022		0.035

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	0.018 (J)	
6/16/2010	0.018 (J)	
7/27/2010	0.018 (J)	
9/8/2010	0.017 (J)	
4/29/2011	0.016 (J)	
10/27/2011	0.015	
5/4/2012	0.014	
11/10/2012	0.016 (V)	
5/9/2013	0.016	
11/6/2013	0.016	
5/20/2014	0.016	
11/12/2014	0.017	
5/24/2015	0.017	
11/12/2015	0.016	
4/13/2016	0.0159 (D)	
6/21/2016	0.018	
8/15/2016	0.015	
10/5/2016	<0.016	
12/1/2016	0.016	
2/8/2017	0.015	
4/6/2017	0.016	
6/20/2017	0.016	
10/5/2017	0.016	
3/21/2018	<0.016 (X)	
10/2/2018	0.016	
3/27/2019	0.015	
9/11/2019	0.017	
3/18/2020	0.019	
9/10/2020	0.02	
4/1/2021		0.018
8/11/2021		0.017
2/16/2022		0.018
8/25/2022		0.018

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	0.017 (J)	
6/18/2010	0.014 (J)	
7/27/2010	0.015 (J)	
9/8/2010	0.013 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.013	
5/3/2012	0.012	
11/10/2012	0.015 (V)	
5/9/2013	0.015	
11/6/2013	0.015	
5/20/2014	0.015	
11/12/2014	0.018	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0166 (D)	
6/21/2016	0.0173	
8/15/2016	0.015	
10/5/2016	<0.017	
12/1/2016	0.016	
2/8/2017	0.016	
4/5/2017	0.016	
6/20/2017	0.017	
10/5/2017	0.017	
3/21/2018	<0.017 (X)	
10/2/2018	0.016	
3/26/2019	0.017	
9/11/2019	0.017	
3/18/2020	0.018	
9/10/2020	0.019	
4/1/2021		0.018
8/11/2021		0.018
2/16/2022		0.018
8/26/2022		0.018

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	0.029 (J)	
6/18/2010	0.028 (J)	
7/29/2010	0.029 (J)	
9/9/2010	0.028 (J)	
4/26/2011	0.038 (J)	
10/28/2011	0.026	
5/4/2012	0.024	
11/11/2012	0.027 (V)	
5/8/2013	0.045	
11/7/2013	0.026	
5/20/2014	0.024	
11/12/2014	0.029	
5/24/2015	0.027	
11/12/2015	0.029	
4/13/2016	0.029 (D)	
6/21/2016	0.0306	
8/15/2016	0.026	
10/7/2016	0.031	
12/1/2016	0.031	
2/9/2017	0.032	
4/6/2017	0.029	
6/22/2017	0.034	
10/6/2017	0.031	
3/22/2018	0.034	
10/3/2018	0.03	
3/26/2019		0.035
9/11/2019		0.035
3/18/2020		0.058
9/10/2020		0.037
4/6/2021		0.038
8/11/2021		0.037
2/16/2022		0.035
8/26/2022		0.035

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	0.01 (J)	
6/18/2010	0.0097 (J)	
7/28/2010	0.0096 (J)	
9/9/2010	0.01 (J)	
4/30/2011	0.0096 (J)	
10/28/2011	0.0064 (O)	
5/3/2012	0.0054 (O)	
11/10/2012	0.0094 (J)	
5/8/2013	0.0093 (J)	
11/5/2013	0.009 (J)	
5/20/2014	0.009 (J)	
11/12/2014	0.0098 (J)	
5/24/2015	0.0096 (J)	
11/11/2015	0.0092 (J)	
4/13/2016	0.00929 (JD)	
6/21/2016	0.0106	
8/15/2016	0.0077	
10/4/2016	<0.0091	
12/1/2016	0.0089	
2/7/2017	0.0089	
4/6/2017	0.0085	
6/20/2017	0.0097	
10/5/2017	0.0096	
3/20/2018	0.0091	
10/2/2018	0.0096	
3/26/2019	0.0092	
9/11/2019	0.011	
3/18/2020	0.0099 (J)	
9/9/2020	0.01	
4/1/2021		0.0095 (J)
8/11/2021		0.012
2/16/2022		0.011
8/26/2022		0.011

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	0.039 (J)	
6/16/2010	0.041 (J)	
7/26/2010	0.04 (J)	
9/7/2010	0.038 (J)	
4/29/2011	0.034 (J)	
10/28/2011	0.035	
5/2/2012	0.038	
11/9/2012	0.035 (V)	
5/8/2013	0.037	
11/6/2013	0.036 (V)	
5/23/2014	0.036	
11/8/2014	0.038	
5/22/2015	0.035	
11/10/2015	0.032	
4/11/2016	0.0352	
6/16/2016	0.033	
8/11/2016	0.035	
10/5/2016	<0.032	
11/29/2016	0.034	
2/8/2017	0.032	
4/6/2017	0.031	
6/21/2017	0.035	
10/5/2017	0.034	
3/20/2018	0.033	
10/2/2018	0.032	
3/26/2019	0.033	
9/11/2019	0.035	
3/18/2020	0.036	
9/9/2020	0.036	
4/1/2021		0.035
8/11/2021		0.037
2/16/2022		0.034
8/25/2022		0.035

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	0.018 (J)	
6/16/2010	0.017 (J)	
7/27/2010	0.016 (J)	
9/7/2010	0.017 (J)	
4/29/2011	0.018 (J)	
10/28/2011	0.016	
5/2/2012	0.018	
11/9/2012	0.017 (V)	
5/9/2013	0.017	
11/6/2013	0.018 (V)	
5/22/2014	0.016	
11/8/2014	0.018	
5/23/2015	0.018	
11/10/2015	0.017	
4/11/2016	0.0191	
6/16/2016	0.017	
8/11/2016	0.015	
10/5/2016	<0.018	
11/29/2016	0.017	
2/8/2017	0.017	
4/5/2017	0.017	
6/21/2017	0.019	
10/5/2017	0.018	
3/20/2018	0.019	
10/2/2018	0.018	
3/26/2019		0.018
9/12/2019		0.026
3/19/2020		0.025
9/9/2020		0.026
4/5/2021		0.028
8/11/2021		0.031
2/16/2022		0.027
8/25/2022		0.03

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.048 (J)	
6/19/2010	0.033 (J)	
7/27/2010	0.047 (J)	
9/9/2010	0.045 (J)	
4/28/2011	0.048 (J)	
10/28/2011	0.044	
5/3/2012	0.047	
11/9/2012	0.055 (V)	
5/9/2013	0.049	
11/5/2013	0.045	
5/22/2014	0.04	
11/13/2014	0.045	
5/24/2015	0.045	
11/11/2015	0.045	
4/12/2016	0.0519	
6/16/2016	0.045	
8/11/2016	0.04	
10/4/2016	0.044	
11/30/2016	0.044	
2/7/2017	0.044	
4/6/2017	0.041	
6/20/2017	0.045	
10/4/2017	0.047	
3/20/2018	0.045	
10/2/2018	0.044	
3/26/2019	0.045	
9/10/2019	0.047	
3/18/2020	0.048	
9/9/2020	0.047	
4/1/2021		0.044
8/12/2021		0.048
2/15/2022		0.048
8/26/2022		0.045

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.032 (J)	
6/17/2010	0.031 (J)	
7/27/2010	0.035 (J)	
9/7/2010	0.032 (J)	
4/29/2011	0.031 (J)	
10/28/2011	0.03	
5/3/2012	0.032	
11/10/2012	0.028 (V)	
5/9/2013	0.029	
11/6/2013	0.03 (V)	
5/22/2014	0.029	
11/9/2014	0.032	
5/24/2015	0.029	
11/10/2015	0.026	
4/12/2016	0.033	
6/16/2016	0.028	
8/11/2016	0.026	
10/5/2016	0.03	
11/30/2016	0.03	
2/8/2017	0.033	
4/6/2017	0.033	
6/21/2017	0.03	
10/5/2017	0.028	
3/21/2018	<0.03 (X)	
10/3/2018	0.028	
3/26/2019	0.03	
9/12/2019	0.035	
3/19/2020	0.032	
9/10/2020	0.031	
4/5/2021		0.029
8/11/2021		0.031
2/16/2022		0.03
8/25/2022		0.031

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.039	
6/17/2010	0.017	
7/28/2010	0.071 (O)	
9/7/2010	0.026	
4/29/2011	0.016	
10/28/2011	0.014	
5/3/2012	0.017	
11/9/2012	0.022 (V)	
5/10/2013	0.025	
11/6/2013	0.015	
5/22/2014	0.016	
11/9/2014	0.017	
5/22/2015	0.017	
11/10/2015	0.018	
4/12/2016	0.0169 (D)	
6/20/2016	0.014	
8/12/2016	0.018	
10/5/2016	0.015	
11/30/2016	0.018	
2/8/2017	0.018	
4/6/2017	0.017	
6/21/2017	0.02	
10/5/2017	0.017	
3/21/2018	<0.018 (X)	
10/3/2018	0.016	
3/26/2019	0.015	
9/10/2019	0.014	
3/18/2020	0.013	
9/10/2020	0.015	
4/6/2021		0.014
8/12/2021		0.019
2/15/2022		0.013
8/25/2022		0.013

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032 (V)	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
5/12/2022		0.06 (R)
8/25/2022		0.054

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	0.034 (J)	
6/18/2010	0.028 (J)	
7/27/2010	0.026 (J)	
9/9/2010	0.022 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/4/2012	0.017	
11/10/2012	0.014 (V)	
5/9/2013	0.016	
11/6/2013	0.016	
5/22/2014	0.016	
11/9/2014	0.018	
5/24/2015	0.11	
11/11/2015	0.12	
4/19/2016	0.099	
6/22/2016	0.074	
8/16/2016	0.045	
10/6/2016	0.046	
12/1/2016	0.046	
2/9/2017	0.055	
4/6/2017	0.057	
6/21/2017	0.062	
10/5/2017	0.052	
3/22/2018	0.048	
10/3/2018	0.036	
3/27/2019	0.038	
9/11/2019	0.039	
3/18/2020	0.04	
9/9/2020	0.033	
4/1/2021		0.04
8/12/2021		0.036
2/15/2022		0.038
8/25/2022		0.031

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.053 (J)	
6/18/2010	0.055 (J)	
7/27/2010	0.053 (J)	
9/9/2010	0.05 (J)	
4/30/2011	0.05 (J)	
10/29/2011	0.045	
5/4/2012	0.051	
11/10/2012	0.048 (V)	
5/9/2013	0.048	
11/7/2013	0.049	
5/21/2014	0.048	
11/9/2014	0.053	
5/24/2015	0.061	
11/11/2015	0.063	
4/12/2016	0.0626	
6/20/2016	0.057	
8/12/2016	0.053	
10/6/2016	0.053	
11/30/2016	0.06	
2/9/2017	0.054	
4/6/2017	0.055	
6/21/2017	0.063	
10/6/2017	0.054	
3/21/2018	0.056	
10/3/2018	0.051	
3/26/2019	0.052	
9/11/2019	0.059	
3/18/2020	0.05	
9/10/2020	0.056	
4/5/2021		0.054
8/11/2021		0.054
2/15/2022		0.057
8/25/2022		0.055

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.029 (J)	
6/18/2010	0.044 (J)	
7/28/2010	0.028 (J)	
9/9/2010	0.029 (J)	
4/30/2011	0.025 (J)	
10/29/2011	0.026	
5/4/2012	0.032	
11/10/2012	0.028 (V)	
5/9/2013	0.03	
11/7/2013	0.031	
5/21/2014	0.029	
11/12/2014	0.031	
5/24/2015	0.039	
11/11/2015	0.032	
4/13/2016	0.0328 (D)	
6/20/2016	0.03	
8/15/2016	0.033	
10/6/2016	0.032	
12/1/2016	0.034	
2/9/2017	0.032	
4/7/2017	0.031	
6/22/2017	0.035	
10/6/2017	0.034	
3/22/2018	0.035	
10/4/2018	0.031	
3/27/2019	0.033	
9/11/2019	0.035	
3/19/2020	0.036	
9/10/2020	0.039	
4/1/2021		0.036
8/11/2021		0.036
2/15/2022		0.035
8/25/2022		0.035

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	0.05 (J)	
6/19/2010	0.045 (J)	
7/28/2010	0.046 (J)	
9/8/2010	0.071 (J)	
4/30/2011	0.098 (J)	
10/27/2011	0.048	
5/4/2012	0.055	
11/11/2012	0.05 (V)	
5/10/2013	0.12	
11/7/2013	0.044	
5/21/2014	0.037	
11/13/2014	0.085	
5/23/2015	0.054	
11/11/2015	0.059	
4/19/2016	0.0415	
10/10/2016	0.034	
12/1/2016	0.037	
2/9/2017	0.043	
4/7/2017	0.019	
6/21/2017	0.017	
8/15/2017	0.021	
9/1/2017	0.02	
10/9/2017	0.019	
3/22/2018	0.019	
10/4/2018	0.012	
3/27/2019	0.025	
9/11/2019	0.022	
3/18/2020	0.043	
9/9/2020	0.053	
4/5/2021		0.045
8/12/2021		0.026
2/15/2022		0.048
8/25/2022		0.03

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	0.026 (J)	
6/16/2010	0.026 (J)	
7/27/2010	0.029 (J)	
9/8/2010	0.027 (J)	
4/29/2011	0.02 (J)	
10/27/2011	0.02	
5/3/2012	0.021	
11/11/2012	0.028 (V)	
5/9/2013	0.026	
11/6/2013	0.026	
5/21/2014	0.023	
11/12/2014	0.038	
5/23/2015	0.021	
11/12/2015	0.02	
4/13/2016	0.0164 (D)	
6/22/2016	0.0238	
8/15/2016	0.02	
10/6/2016	0.021	
12/1/2016	0.025	
2/8/2017	0.017	
4/6/2017	0.019	
6/21/2017	0.026	
10/5/2017	0.022	
3/21/2018	<0.021 (X)	
10/2/2018	0.023	
3/27/2019	0.018	
9/11/2019	0.028	
3/18/2020	0.013	
9/9/2020	0.025	
4/1/2021		0.018
8/12/2021		0.023
2/15/2022		0.023
8/25/2022		0.04

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	0.0021	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021		<0.0025
8/11/2021		<0.0025
2/15/2022		<0.0025
8/24/2022		<0.0025

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021		<0.0025
8/12/2021		0.00022 (J)
2/15/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/20/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00018 (J)	
4/1/2021		<0.0025
8/11/2021		<0.0025
2/15/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Beryllium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021		0.00038 (J)
8/12/2021		<0.0025
2/15/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00013 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021		<0.0025
8/11/2021		<0.0025
2/15/2022		<0.0025
8/24/2022		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.001 (J)	
4/1/2021		<0.0025
8/11/2021		<0.0025
2/16/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021		0.00038 (J)
8/12/2021		<0.0025
2/15/2022		<0.0025
8/26/2022		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	0.001	
4/30/2011	0.0014	
10/27/2011	0.0011	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0016	
11/7/2013	0.001	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	0.000379 (J)	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	0.00037 (J)	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021		0.0003 (J)
8/12/2021		<0.0025
2/15/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002 (D)	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0023 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/15/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.003 (J)	
6/16/2010	0.0042 (J)	
7/27/2010	0.0048 (J)	
9/7/2010	0.0037 (J)	
4/29/2011	0.0046 (J)	
10/28/2011	0.005	
5/2/2012	0.0052	
11/9/2012	0.0054	
5/8/2013	0.0058	
11/6/2013	0.0062 (J)	
5/20/2014	0.0047 (J)	
11/8/2014	0.0064 (J)	
5/22/2015	0.0059 (J)	
11/9/2015	0.0043 (J)	
4/6/2016	0.00457 (J)	
6/15/2016	<0.01	
8/10/2016	0.0042	
10/4/2016	0.0052	
11/29/2016	0.004	
2/7/2017	0.004	
4/4/2017	0.0021 (J)	
6/20/2017	0.0046	
10/5/2017	0.005	
3/20/2018	0.0044	
10/2/2018	0.0043	
3/26/2019	0.0046	
9/10/2019	0.0076	
3/18/2020	0.0044	
9/9/2020	0.005	
4/1/2021		0.0053
8/11/2021		0.0059
2/15/2022		0.0056
8/25/2022		0.0056

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	0.0032 (J)	
6/16/2010	0.0037 (J)	
7/26/2010	0.0058	
9/7/2010	0.0078	
4/29/2011	0.005	
10/28/2011	0.0068	
5/2/2012	0.0065	
11/9/2012	0.006	
5/8/2013	0.0074	
11/6/2013	0.0082 (J)	
5/20/2014	0.0051 (J)	
11/8/2014	0.0074 (J)	
5/22/2015	0.0084 (J)	
11/9/2015	0.009 (J)	
4/6/2016	0.00779 (J)	
6/15/2016	<0.01	
8/10/2016	0.0068	
10/5/2016	0.0076	
11/29/2016	0.0045	
2/7/2017	0.0067	
4/4/2017	0.0079	
6/20/2017	0.0084	
10/5/2017	0.0061	
3/20/2018	0.006	
10/2/2018	0.0061	
3/26/2019	0.0065	
9/10/2019	0.012	
3/18/2020	0.0083	
9/9/2020	0.0088	
4/1/2021		0.0082
8/11/2021		0.0089
2/15/2022		0.0084
8/24/2022		0.0076

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	0.0077	
6/17/2010	0.0053	
7/27/2010	0.0085	
9/9/2010	0.0076	
4/28/2011	0.0048 (J)	
10/29/2011	0.0093	
5/3/2012	0.01	
11/9/2012	0.009	
5/9/2013	0.0085	
11/5/2013	0.015	
5/23/2014	0.012	
11/13/2014	0.011	
5/23/2015	0.012	
11/11/2015	0.014	
4/12/2016	0.0135	
6/16/2016	0.014	
8/11/2016	0.013	
10/4/2016	0.014	
11/30/2016	0.013	
2/7/2017	0.013	
4/5/2017	0.014	
6/20/2017	0.013	
10/4/2017	0.015	
3/20/2018	0.013	
10/2/2018	0.014	
3/26/2019	0.013	
9/10/2019	0.018	
3/18/2020	0.014	
9/9/2020	0.014	
4/1/2021		0.014
8/18/2021		0.014
2/15/2022		0.011
8/24/2022		0.014

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.0095	
7/28/2010	0.01	
9/8/2010	0.011	
4/29/2011	0.0096	
10/27/2011	0.011	
5/4/2012	0.01	
11/11/2012	0.01	
5/9/2013	0.011	
11/5/2013	0.015	
5/21/2014	0.013	
11/12/2014	0.012	
5/23/2015	0.014	
11/12/2015	0.016	
4/13/2016	0.0152 (D)	
6/21/2016	0.016	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.015	
2/8/2017	0.017	
4/6/2017	0.018	
6/21/2017	0.017	
10/5/2017	0.018	
3/21/2018	0.017 (J+X)	
10/2/2018	0.018	
3/27/2019		0.017
9/11/2019		0.023
3/18/2020		0.02
9/9/2020		0.018
4/1/2021		0.02
10/18/2021		0.019
2/15/2022		0.021
8/25/2022		0.018

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	0.011	
6/16/2010	0.012	
7/27/2010	0.012	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.0077	
5/4/2012	0.0082	
11/10/2012	0.007	
5/9/2013	0.0079	
11/6/2013	0.011	
5/20/2014	0.0076 (J)	
11/12/2014	0.0071 (J)	
5/24/2015	0.0083 (J)	
11/12/2015	0.0069 (J)	
4/13/2016	0.00804 (JD)	
6/21/2016	0.0086 (J)	
8/15/2016	0.0073	
10/5/2016	0.0077	
12/1/2016	0.0075	
2/8/2017	0.0078	
4/6/2017	0.0079	
6/20/2017	0.0078	
10/5/2017	0.0081	
3/21/2018	<0.0081 (X)	
10/2/2018	0.0075	
3/27/2019	0.007	
9/11/2019	0.011	
3/18/2020	0.0086	
9/10/2020	0.009	
4/1/2021		0.0078
8/11/2021		0.0078
2/16/2022		0.0074
8/25/2022		0.0069

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	0.002 (J)	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	0.0031 (J)	
5/20/2014	0.002 (J)	
11/12/2014	<0.002	
5/23/2015	0.0027 (J)	
11/12/2015	0.0022 (J)	
4/13/2016	<0.002 (D)	
6/21/2016	0.0012 (J)	
8/15/2016	0.0021 (J)	
10/5/2016	0.0013 (J)	
12/1/2016	0.0015 (J)	
2/8/2017	0.0016 (J)	
4/5/2017	0.0014 (J)	
6/20/2017	0.0015 (J)	
10/5/2017	0.0015 (J)	
3/21/2018	<0.002 (XD)	
10/2/2018	0.0012 (J)	
3/26/2019	0.0013 (J)	
9/11/2019	0.0036	
3/18/2020	0.0016 (J)	
9/10/2020	<0.002	
4/1/2021		0.0015 (J)
8/11/2021		<0.002
2/16/2022		<0.002
8/26/2022		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	0.0051	
6/18/2010	0.0043 (J)	
7/29/2010	0.0058	
9/9/2010	0.0052	
4/26/2011	0.0025 (J)	
10/28/2011	0.0035 (J)	
5/4/2012	0.0073	
11/11/2012	0.004 (J)	
5/8/2013	0.006	
11/7/2013	0.0068 (J)	
5/20/2014	0.0039 (J)	
11/12/2014	0.0039 (J)	
5/24/2015	0.004 (J)	
11/12/2015	0.0077 (J)	
4/13/2016	0.0038 (JD)	
6/21/2016	0.0035 (J)	
8/15/2016	0.0034	
10/7/2016	0.0037	
12/1/2016	0.0037	
2/9/2017	0.0038	
4/6/2017	0.0039	
6/22/2017	0.0042	
10/6/2017	0.0039	
3/22/2018	0.028 (O)	
10/3/2018	0.0056	
3/26/2019	0.0048	
9/11/2019	0.0075	
3/18/2020	0.008	
9/10/2020	0.0054	
4/6/2021		0.0061
8/11/2021		0.0051
2/16/2022		0.005
8/26/2022		0.0043

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
6/21/2016	0.0006 (J)	
8/15/2016	<0.002	
10/4/2016	<0.002	
12/1/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.0038	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002
8/26/2022		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	0.012	
6/16/2010	0.014	
7/26/2010	0.013	
9/7/2010	0.015	
4/29/2011	0.014	
10/28/2011	0.014	
5/2/2012	0.017	
11/9/2012	0.014	
5/8/2013	0.017	
11/6/2013	0.017	
5/23/2014	0.013	
11/8/2014	0.018	
5/22/2015	0.02	
11/10/2015	0.013	
4/11/2016	0.0139	
6/16/2016	0.014	
8/11/2016	0.016	
10/5/2016	0.014	
11/29/2016	0.013	
2/8/2017	0.013	
4/6/2017	0.014	
6/21/2017	0.013	
10/5/2017	0.014	
3/20/2018	0.014	
10/2/2018	0.014	
3/26/2019	0.014	
9/11/2019	0.017	
3/18/2020	0.014	
9/9/2020	0.013	
4/1/2021		0.014
8/11/2021		0.014
2/16/2022		0.012
8/25/2022		0.012

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	0.0039 (J)	
6/16/2010	0.0049 (J)	
7/27/2010	0.0047 (J)	
9/7/2010	0.0057	
4/29/2011	0.0087	
10/28/2011	0.0075	
5/2/2012	0.011	
11/9/2012	0.0076	
5/9/2013	0.0088	
11/6/2013	0.011	
5/22/2014	0.0057 (J)	
11/8/2014	0.013	
5/23/2015	0.014	
11/10/2015	0.0091 (J)	
4/11/2016	0.00767 (J)	
6/16/2016	<0.01	
8/11/2016	0.0085	
10/5/2016	0.01	
11/29/2016	0.0087	
2/8/2017	0.0093	
4/5/2017	0.0098	
6/21/2017	0.0094	
10/5/2017	0.0096	
3/20/2018	0.0097	
10/2/2018	0.0097	
3/26/2019	0.0091	
9/12/2019	0.012	
3/19/2020	0.012	
9/9/2020	0.011	
4/5/2021		0.012
8/11/2021		0.013
2/16/2022		0.011
8/25/2022		0.015

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0051	
6/19/2010	<0.011	
7/27/2010	0.01	
9/9/2010	0.0072	
4/28/2011	0.0077	
10/28/2011	0.011	
5/3/2012	0.011	
11/9/2012	0.0089	
5/9/2013	0.0089	
11/5/2013	0.011	
5/22/2014	0.01	
11/13/2014	0.0084 (J)	
5/24/2015	0.0095 (J)	
11/11/2015	0.011	
4/12/2016	0.0122	
6/16/2016	<0.011	
8/11/2016	0.01	
10/4/2016	0.011	
11/30/2016	0.0098	
2/7/2017	0.0096	
4/6/2017	0.01	
6/20/2017	0.01	
10/4/2017	0.011	
3/20/2018	0.0099	
10/2/2018	0.01	
3/26/2019	0.0096	
9/10/2019	0.014	
3/18/2020	0.011	
9/9/2020	0.01	
4/1/2021		0.0057
8/12/2021		0.012
2/15/2022		0.011
8/26/2022		0.0095

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.0063	
6/17/2010	0.0053	
7/27/2010	0.0064	
9/7/2010	0.0078	
4/29/2011	0.0065	
10/28/2011	0.0092	
5/3/2012	0.011	
11/10/2012	0.0073	
5/9/2013	0.0098	
11/6/2013	0.011	
5/22/2014	0.0097 (J)	
11/9/2014	0.012	
5/24/2015	0.016	
11/10/2015	0.0088 (J)	
4/12/2016	0.00965 (J)	
6/16/2016	<0.0085	
8/11/2016	0.0083	
10/5/2016	0.0094	
11/30/2016	0.0084	
2/8/2017	0.0091	
4/6/2017	0.011	
6/21/2017	0.0081	
10/5/2017	0.0083	
3/21/2018	<0.0085 (X)	
10/3/2018	0.0091	
3/26/2019	0.0092	
9/12/2019	0.011	
3/19/2020	0.0094	
9/10/2020	0.009	
4/5/2021		0.008
8/11/2021		0.0087
2/16/2022		0.0081
8/25/2022		0.0079

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.01	
6/17/2010	0.0087	
7/28/2010	0.028 (O)	
9/7/2010	0.022	
4/29/2011	0.0099	
10/28/2011	0.0089	
5/3/2012	0.0091	
11/9/2012	0.008	
5/10/2013	0.019	
11/6/2013	0.013	
5/22/2014	0.0093 (J)	
11/9/2014	0.0098 (J)	
5/22/2015	0.01	
11/10/2015	0.011	
4/12/2016	0.00925 (JD)	
6/20/2016	0.0076 (J)	
8/12/2016	0.0079	
10/5/2016	0.0085	
11/30/2016	0.0086	
2/8/2017	0.011	
4/6/2017	0.0098	
6/21/2017	0.011	
10/5/2017	0.01	
3/21/2018	<0.0093 (X)	
10/3/2018	0.0081	
3/26/2019	0.0075	
9/10/2019	0.0092	
3/18/2020	0.0049	
9/10/2020	0.0061	
4/6/2021		0.0074
8/12/2021		0.0085
2/15/2022		0.0076
8/25/2022		0.0072

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.0046 (J)	
6/17/2010	0.007	
7/28/2010	0.0084	
9/8/2010	0.0071	
4/28/2011	0.008	
10/29/2011	0.0054	
5/3/2012	0.0065	
11/10/2012	0.0059	
5/10/2013	0.0083	
11/6/2013	0.0099 (J)	
5/22/2014	0.0049 (J)	
11/9/2014	0.0068 (J)	
5/22/2015	0.0087 (J)	
11/11/2015	0.0084 (J)	
4/12/2016	0.00419 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.0062	
11/30/2016	0.0043	
2/8/2017	0.0052	
4/6/2017	0.005	
6/22/2017	0.0052	
10/6/2017	0.0049	
3/21/2018	<0.0062 (X)	
10/3/2018	0.0039	
3/26/2019	0.0084	
9/10/2019	0.0067	
3/19/2020	0.0045	
9/10/2020	0.0055	
4/2/2021		0.0052
8/12/2021		0.0045
2/15/2022		0.0041
8/25/2022		0.0038

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	0.004 (J)	
6/18/2010	0.0056	
7/27/2010	0.0051	
9/9/2010	0.0037 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	0.0026 (J)	
5/4/2012	0.0031 (J)	
11/10/2012	<0.005	
5/9/2013	0.0033 (J)	
11/6/2013	0.0045 (J)	
5/22/2014	0.0035 (J)	
11/9/2014	0.0062 (J)	
5/24/2015	0.012	
11/11/2015	0.0068 (J)	
4/19/2016	0.00368 (J)	
6/22/2016	0.0031 (J)	
8/16/2016	0.0028	
10/6/2016	0.003	
12/1/2016	0.0022 (J)	
2/9/2017	0.0035	
4/6/2017	0.0032	
6/21/2017	0.0031	
10/5/2017	0.0029	
3/22/2018	0.0086 (J+X)	
10/3/2018	0.003	
3/27/2019	0.0039	
9/11/2019	0.0079	
3/18/2020	0.0052	
9/9/2020	0.0048	
4/1/2021		0.0058
8/12/2021		0.0053
2/15/2022		0.0061
8/25/2022		0.0058

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.012	
6/18/2010	0.0063	
7/27/2010	0.004 (J)	
9/9/2010	0.0053	
4/30/2011	0.0035 (J)	
10/29/2011	0.0048 (J)	
5/4/2012	0.0064	
11/10/2012	0.0084	
5/9/2013	0.0041 (J)	
11/7/2013	0.0077 (J)	
5/21/2014	0.0044 (J)	
11/9/2014	0.0071 (J)	
5/24/2015	0.01	
11/11/2015	0.0053 (J)	
4/12/2016	0.00493 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.004	
11/30/2016	0.0035	
2/9/2017	0.0041	
4/6/2017	0.0038	
6/21/2017	0.004	
10/6/2017	0.0038	
3/21/2018	<0.012 (X)	
10/3/2018	0.0042	
3/26/2019	0.0044	
9/11/2019	0.0078	
3/18/2020	0.0046	
9/10/2020	0.0049	
4/5/2021		0.005
8/11/2021		0.005
2/15/2022		0.0046
8/25/2022		0.0046

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.007	
6/18/2010	0.011	
7/28/2010	0.0092	
9/9/2010	0.01	
4/30/2011	0.012	
10/29/2011	0.012	
5/4/2012	0.013	
11/10/2012	0.0097	
5/9/2013	0.013	
11/7/2013	0.013	
5/21/2014	0.0091 (J)	
11/12/2014	0.0097 (J)	
5/24/2015	0.018	
11/11/2015	0.0086 (J)	
4/13/2016	0.00924 (JD)	
6/20/2016	0.0084 (J)	
8/15/2016	0.0083	
10/6/2016	0.0081	
12/1/2016	0.0083	
2/9/2017	0.0087	
4/7/2017	0.009	
6/22/2017	0.0092	
10/6/2017	0.0095	
3/22/2018	0.0086 (J+X)	
10/4/2018	0.0083	
3/27/2019	0.0088	
9/11/2019	0.013	
3/19/2020	0.011	
9/10/2020	0.0098	
4/1/2021		0.0091
8/11/2021		0.0092
2/15/2022		0.0088
8/25/2022		0.0085

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.002	
6/19/2010	<0.002	
7/28/2010	0.0034 (J)	
9/8/2010	0.014	
4/30/2011	0.022	
10/27/2011	0.0064	
5/4/2012	0.0059	
11/11/2012	0.011	
5/10/2013	0.038 (O)	
11/7/2013	0.012	
5/21/2014	0.0048 (J)	
11/13/2014	0.023	
5/23/2015	0.015	
11/11/2015	0.016	
4/19/2016	0.0086 (J)	
10/10/2016	0.0052	
12/1/2016	0.0062	
2/9/2017	0.0091	
4/7/2017	<0.002	
6/21/2017	<0.002	
8/15/2017	<0.002	
9/1/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	0.0079 (J+X)	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021		<0.002
8/12/2021		<0.002
2/15/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	0.0097	
6/16/2010	0.0074	
7/27/2010	0.0068	
9/8/2010	0.007	
4/29/2011	0.0062	
10/27/2011	0.0084	
5/3/2012	0.0099	
11/11/2012	0.0073	
5/9/2013	0.0085	
11/6/2013	0.013	
5/21/2014	0.0097 (J)	
11/12/2014	0.0072 (J)	
5/23/2015	0.0095 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	0.00627 (JD)	
6/22/2016	0.0079 (J)	
8/15/2016	0.0075	
10/6/2016	0.0071	
12/1/2016	0.007	
2/8/2017	0.0047	
4/6/2017	0.006	
6/21/2017	0.0071	
10/5/2017	0.008	
3/21/2018	<0.0046 (X)	
10/2/2018	0.0081	
3/27/2019	0.0064	
9/11/2019	0.012	
3/18/2020	0.0066	
9/9/2020	0.0081	
4/1/2021		0.0018 (J)
8/12/2021		0.0077
2/15/2022		0.0079
8/25/2022		0.0092

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/6/2016	0.00261 (O)	
6/15/2016	0.00092 (J)	
8/10/2016	0.00076 (J)	
10/4/2016	0.00081 (J)	
11/30/2016	0.00061 (J)	
2/7/2017	<0.0025	
4/4/2017	0.00084 (J)	
6/20/2017	0.0012 (J)	
10/4/2017	0.00087 (J)	
3/20/2018	0.0018 (JD)	
10/2/2018	0.0011 (J)	
3/26/2019	0.0019 (J)	
9/10/2019	0.0012 (J)	
3/18/2020	0.0017 (J)	
9/9/2020	0.0016 (J)	
4/1/2021		0.0024 (J)
8/11/2021		0.0011 (J)
2/15/2022		0.0029
8/25/2022		0.0014 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	0.003 (O)	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	2.2E-05 (J)	
8/10/2016	<0.0025	
10/4/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00031 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	<0.0025	
4/1/2021		0.00014 (J)
8/11/2021		<0.0025
2/15/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	8.4E-05 (J)	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00052 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00019 (J)	
4/1/2021		<0.0025
8/11/2021		<0.0025
2/15/2022		<0.0025
8/24/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	0.00017 (J)	
9/9/2020	<0.0025	
4/1/2021		<0.0025
8/18/2021		0.00025 (J)
2/15/2022		<0.0025
8/24/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.00033 (J)	
4/1/2021		<0.0025
8/11/2021		<0.0025
2/16/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.0004	
6/18/2010	<0.0004	
7/27/2010	<0.0004	
9/8/2010	<0.0004	
4/29/2011	<0.0004	
10/28/2011	<0.0004	
5/3/2012	<0.0004	
11/10/2012	<0.0004	
5/9/2013	<0.0004	
11/6/2013	<0.0004	
5/20/2014	<0.0004	
11/12/2014	<0.0004	
5/23/2015	<0.0004	
11/12/2015	<0.0004	
4/13/2016	<0.0004 (D)	
6/21/2016	0.0004 (J)	
8/15/2016	0.00042 (J)	
10/5/2016	0.00049 (J)	
12/1/2016	<0.0004	
2/8/2017	<0.0004	
4/5/2017	<0.0004	
6/20/2017	0.0004 (J)	
10/5/2017	0.00041 (J)	
3/21/2018	<0.0004	
10/2/2018	<0.0004	
3/26/2019	<0.0004	
9/11/2019	0.00042 (J)	
3/18/2020	0.00013 (J)	
9/10/2020	0.00057 (J)	
4/1/2021		0.00028 (J)
8/11/2021		0.00033 (J)
2/16/2022		0.00033 (J)
8/26/2022		0.00033 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/23/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	0.0032 (O)	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00023 (J)	
3/18/2020	0.00018 (J)	
9/9/2020	0.00014 (J)	
4/1/2021		<0.0025
8/11/2021		0.00021 (J)
2/16/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/8/2014	<0.0025	
5/23/2015	<0.0025	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00014 (J)	
9/9/2020	<0.0025	
4/5/2021		<0.0025
8/11/2021		<0.0025
2/16/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00015 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021		<0.0025
8/12/2021		0.0002 (J)
2/15/2022		<0.0025
8/26/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	0.00012 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	0.0005 (J)	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00026 (J)	
9/10/2020	0.00018 (J)	
4/5/2021		<0.0025
8/11/2021		<0.0025
2/16/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.0034 (O)	
9/7/2010	<0.0025	
4/29/2011	0.0037 (O)	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025 (D)	
6/20/2016	0.0001 (J)	
8/12/2016	0.00042 (J)	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	0.00042 (J)	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00028 (J)	
3/18/2020	0.00014 (J)	
9/10/2020	0.00023 (J)	
4/6/2021		0.00031 (J)
8/12/2021		0.00067 (J)
2/15/2022		<0.0025
8/25/2022		0.00046 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	0.00016 (J)	
8/12/2016	<0.0025	
10/6/2016	0.00068 (J)	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.00096 (J)	
9/10/2019	<0.0025	
3/19/2020	0.00021 (J)	
9/10/2020	0.00032 (J)	
4/2/2021		0.00026 (J)
8/12/2021		<0.0025
2/15/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	9.9E-05 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021		<0.0025
8/12/2021		<0.0025
2/15/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	3E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	8.7E-05 (J)	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/5/2021		0.00015 (J)
8/11/2021		<0.0025
2/15/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/20/2016	8.6E-05 (J)	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/19/2020	0.00013 (J)	
9/10/2020	0.00038 (J)	
4/1/2021		0.00015 (J)
8/11/2021		<0.0025
2/15/2022		<0.0025
8/25/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.0063 (O)	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0068 (O)	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	0.0046	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	0.00068 (J)	
2/9/2017	0.0009 (J)	
4/7/2017	0.0011 (J)	
6/21/2017	0.00064 (J)	
8/15/2017	0.001 (J)	
9/1/2017	0.00089 (J)	
10/9/2017	0.00085 (J)	
3/22/2018	<0.0004 (o)	
10/4/2018	0.00048 (J)	
3/27/2019	0.0012 (J)	
9/11/2019	0.00085 (J)	
3/18/2020	0.0027	
9/9/2020	0.0043	
4/5/2021		0.0026
8/12/2021		0.0019 (J)
2/15/2022		0.0037
8/25/2022		0.0021 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/3/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025 (D)	
6/22/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00023 (J)	
4/1/2021		0.00015 (J)
8/12/2021		0.00013 (J)
2/15/2022		<0.0025
8/25/2022		0.00053 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00095 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		0.00074 (J)
8/11/2021		<0.002
2/15/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/5/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0012 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/15/2022		<0.002
8/24/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/13/2014	<0.002	
5/23/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/5/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/18/2021		0.0011 (J)
2/15/2022		0.0013 (J)
8/24/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	0.0021 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	0.0007 (J)	
4/1/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	0.0024 (J)	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002
8/26/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	0.0021 (J)	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002
8/26/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	0.0025 (J)	
7/26/2010	0.0023 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00084 (J)	
3/18/2020	<0.002	
9/9/2020	0.00084 (J)	
4/1/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		0.00069 (J)
8/12/2021		0.00078 (J)
2/15/2022		0.0013 (J)
8/26/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	0.0021 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/5/2021		<0.002
8/11/2021		<0.002
2/16/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.003 (J)	
6/17/2010	<0.002	
7/28/2010	0.012 (O)	
9/7/2010	0.0026 (J)	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	0.0042 (J)	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002 (D)	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0011 (J)	
3/18/2020	<0.002	
9/10/2020	0.00072 (J)	
4/6/2021		0.00088 (J)
8/12/2021		0.0019 (J)
2/15/2022		0.0013 (J)
8/25/2022		0.0013 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	0.0022 (J)	
7/28/2010	0.0033 (J)	
9/8/2010	<0.002	
4/28/2011	0.0037 (J)	
10/29/2011	<0.002	
5/3/2012	0.0031 (J)	
11/10/2012	0.0021 (J)	
5/10/2013	0.0025 (J)	
11/6/2013	0.0032 (J)	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	0.002 (J)	
4/12/2016	<0.002	
10/6/2016	0.0022 (J)	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0039	
9/10/2019	0.0017 (J)	
3/19/2020	<0.002	
9/10/2020	0.0011 (J)	
4/2/2021		0.0012 (J)
8/12/2021		<0.002
2/15/2022		0.0011 (J)
8/25/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.002	
6/18/2010	0.0026 (J)	
7/27/2010	0.0029 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	0.0037 (J)	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00066 (J)	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/5/2021		<0.002
8/11/2021		<0.002
2/15/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	0.008 (O)	
7/28/2010	0.0021 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	0.0022 (J)	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	0.0022 (J)	
11/11/2015	<0.002	
4/13/2016	<0.002 (D)	
10/6/2016	<0.002	
4/7/2017	<0.002	
10/6/2017	0.0026	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00086 (J)	
3/19/2020	<0.002	
9/10/2020	0.0024	
4/1/2021		0.00094 (J)
8/11/2021		<0.002
2/15/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	0.0036 (J)	
6/19/2010	0.004 (J)	
7/28/2010	0.013	
9/8/2010	0.068	
4/30/2011	0.098	
10/27/2011	0.02	
5/4/2012	0.024	
11/11/2012	0.032	
5/10/2013	0.18	
11/7/2013	0.021	
5/21/2014	0.0089 (J)	
11/13/2014	0.1	
5/23/2015	0.048	
11/11/2015	0.059	
4/19/2016	0.0131 (J)	
10/10/2016	0.0046	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021		<0.002
8/12/2021		<0.002
2/15/2022		<0.002
8/25/2022		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/3/2012	0.0023	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002 (D)	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	0.0038	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021		<0.002
8/12/2021		<0.002
2/15/2022		<0.002
8/25/2022		0.0017 (J)

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.0021 (J)	
6/16/2010	0.0028 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/2/2012	<0.001	
11/9/2012	0.0024 (J)	
5/8/2013	0.0051	
11/6/2013	0.0033 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0036 (J)	
11/9/2015	0.0039 (J)	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00016 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	0.0021 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0024 (J)	
10/28/2011	0.002 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0034 (J)	
11/6/2013	0.0028 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0032 (J)	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00022 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001
8/24/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	0.0026 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0036 (J)	
10/29/2011	0.0038 (J)	
5/3/2012	<0.001	
11/9/2012	0.0024 (J)	
5/9/2013	0.0085	
11/5/2013	0.0042 (J)	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	0.0044 (J)	
11/11/2015	0.0042 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	0.00067 (J)	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00023 (J)	
9/9/2020	<0.001	
4/1/2021		<0.001
8/18/2021		<0.001
2/15/2022		<0.001
8/24/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.001	
6/16/2010	0.002 (J)	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.003 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/11/2012	0.0022 (J)	
5/9/2013	0.007	
11/5/2013	0.0048 (J)	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.0035 (J)	
11/12/2015	0.0032 (J)	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
10/18/2021		<0.001
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0032 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/10/2012	0.0025 (J)	
5/9/2013	0.0051	
11/6/2013	0.0037 (J)	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0037 (J)	
11/12/2015	0.0038 (J)	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	0.0017	
9/10/2020	0.00014 (J)	
4/1/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	0.0021	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	0.0036	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/7/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	0.00061 (J)	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001
8/26/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/8/2013	0.0024	
11/5/2013	0.0028	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/4/2016	<0.001	
12/1/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001
8/26/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	0.0023 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0033 (J)	
10/28/2011	0.0023 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0052	
11/6/2013	0.003 (J)	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0023 (J)	
11/10/2015	0.0025 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	0.0022 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0029 (J)	
10/28/2011	0.0021 (J)	
5/2/2012	<0.001	
11/9/2012	0.002 (J)	
5/9/2013	0.0056	
11/6/2013	0.0035 (J)	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/23/2015	0.0047 (J)	
11/10/2015	0.0044 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	0.0009 (J)	
6/21/2017	<0.001	
10/5/2017	0.0015	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021		0.00014 (J)
8/11/2021		<0.001
2/16/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	0.003 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0037 (J)	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/9/2012	0.003 (J)	
5/9/2013	0.0063	
11/5/2013	0.0043 (J)	
5/22/2014	<0.001	
11/13/2014	0.0021 (J)	
5/24/2015	0.0043 (J)	
11/11/2015	0.0032 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00014 (J)	
9/9/2020	<0.001	
4/1/2021		<0.001
8/12/2021		<0.001
2/15/2022		<0.001
8/26/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.0026 (J)	
6/17/2010	0.0021 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0056	
11/6/2013	0.0032 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0044 (J)	
11/10/2015	0.0038 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/5/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.011	
6/17/2010	0.0027 (J)	
7/28/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0038 (J)	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	0.0029 (J)	
5/10/2013	0.0061	
11/6/2013	0.0025 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0034 (J)	
11/10/2015	0.0021 (J)	
4/12/2016	<0.001 (D)	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	0.00037 (J)	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/12/2021		0.00014 (J)
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.002 (J)	
4/28/2011	0.0042 (J)	
10/29/2011	0.0036 (J)	
5/3/2012	<0.001	
11/10/2012	0.0023 (J)	
5/10/2013	0.0062	
11/6/2013	0.0043 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0046 (J)	
11/11/2015	0.0028 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00019 (J)	
9/10/2020	<0.001	
4/2/2021		<0.001
8/12/2021		<0.001
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	0.0024	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	0.0028	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0061	
11/6/2013	0.0034	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0093 (O)	
11/11/2015	0.0071	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/12/2021		<0.001
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	0.0034 (J)	
10/29/2011	0.0041 (J)	
5/4/2012	<0.001	
11/10/2012	0.0023 (J)	
5/9/2013	0.0067	
11/7/2013	0.0048 (J)	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0045 (J)	
11/11/2015	0.0048 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	0.0027 (J)	
7/28/2010	<0.001	
9/9/2010	0.002 (J)	
4/30/2011	0.0037 (J)	
10/29/2011	0.0025 (J)	
5/4/2012	<0.001	
11/10/2012	0.003 (J)	
5/9/2013	0.0064	
11/7/2013	0.0037 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0053 (J)	
11/11/2015	0.0022 (J)	
4/13/2016	<0.001 (D)	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00017 (J)	
4/1/2021		<0.001
8/11/2021		0.00014 (J)
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.0023 (J)	
4/30/2011	0.011 (O)	
10/27/2011	0.0055	
5/4/2012	0.0029 (J)	
11/11/2012	0.0052	
5/10/2013	0.023 (O)	
11/7/2013	0.0083	
5/21/2014	<0.001	
11/13/2014	0.0085	
5/23/2015	0.0077	
11/11/2015	0.008	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	0.00047 (J)	
2/9/2017	0.0012 (J)	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021		0.00034 (J)
8/12/2021		<0.001
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	0.003 (J)	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0039 (J)	
10/27/2011	0.0043 (J)	
5/3/2012	<0.001	
11/11/2012	0.0025 (J)	
5/9/2013	0.0067	
11/6/2013	0.0069	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.003 (J)	
11/12/2015	0.0044 (J)	
4/13/2016	<0.001 (D)	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/12/2021		<0.001
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	7E-05 (J)	
11/5/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/22/2015	7.2E-05 (J)	
11/11/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002 (XD)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/15/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	7.4E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	8E-05 (J)	
11/6/2013	0.00014	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/15/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	7.8E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	0.00011	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	7.1E-05 (J)	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/15/2022		<0.0002
8/24/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	7.3E-05 (J)	
5/23/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	7E-05 (J)	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/18/2021		<0.0002
2/15/2022		<0.0002
8/24/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	8.8E-05 (J)	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/17/2021		<0.0002
2/15/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00019	
11/6/2013	0.00014	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/16/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	8.2E-05 (J)	
6/18/2010	<0.0002	
7/29/2010	<0.0002	
9/9/2010	<0.0002	
4/26/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/8/2013	<0.0002	
11/7/2013	0.0001	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/7/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021		<0.0002
8/11/2021		<0.0002
2/16/2022		<0.0002
8/26/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	9.1E-05 (J)	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	0.00016	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/4/2016	<0.0002	
12/1/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/16/2022		<0.0002
8/26/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	<0.0002	
5/23/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	8.9E-05	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/16/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.00011	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/8/2014	<0.0002	
5/23/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/5/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021		<0.0002
8/11/2021		<0.0002
2/16/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.0002	
6/19/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	9.3E-05	
4/28/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011	
5/22/2014	<0.0002	
11/13/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002 (X)	
10/2/2018	<0.0002	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002
8/26/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	8.5E-05	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.0001	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	7.5E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
6/1/2021		<0.0002
8/11/2021		<0.0002
2/16/2022		0.00015 (J)
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/7/2010	0.00012	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/10/2013	0.00014	
11/6/2013	0.00014	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002 (D)	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/10/2013	0.00012	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00016	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
6/22/2016	<0.0002	
8/16/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/22/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	0.00017	
4/30/2011	<0.0002	
10/29/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00014	
11/7/2013	0.00011	
5/21/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
6/2/2021		<0.0002
8/11/2021		<0.0002
2/15/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/29/2011	7E-05 (J)	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/7/2013	0.00016	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/20/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	<0.0002 (X)	
10/4/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/19/2020	0.00011 (J)	
9/10/2020	<0.0002	
4/1/2021		<0.0002
8/11/2021		<0.0002
2/15/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0002	
6/19/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	0.00011 (J)	
4/30/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/10/2013	0.00014	
11/7/2013	0.00019	
5/21/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
10/10/2016	0.000155 (D)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/21/2017	<0.0002	
8/15/2017	<0.0002	
9/1/2017	<0.0002	
10/9/2017	8.9E-05 (J)	
3/22/2018	<0.0002 (X)	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/3/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	8.8E-05	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002 (D)	
6/22/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002
8/25/2022		<0.0002

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.0018	
6/18/2010	<0.0018	
7/28/2010	<0.0018	
9/9/2010	<0.0018	
4/30/2011	<0.0018	
10/28/2011	<0.0018	
5/2/2012	<0.0018	
11/9/2012	<0.0018	
5/8/2013	<0.0018	
11/5/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/22/2015	<0.0018	
11/11/2015	<0.0018	
4/6/2016	0.00202 (J)	
10/4/2016	<0.0018	
4/4/2017	<0.0018	
10/4/2017	<0.0018	
3/20/2018	<0.0018 (D)	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/10/2019	0.00081 (J)	
3/18/2020	0.00043 (J)	
9/9/2020	0.00069 (J)	
4/1/2021		0.00049 (J)
8/11/2021		0.00051 (J)
2/15/2022		0.00065 (J)
8/25/2022		0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	0.04 (O)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00037 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/5/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0012	
3/18/2020	<0.001	
9/9/2020	0.00048 (J)	
4/1/2021		0.0004 (J)
8/11/2021		<0.001
2/15/2022		<0.001
8/24/2022		0.00082 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/28/2011	0.0086 (O)	
10/29/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/23/2014	<0.0018	
11/13/2014	<0.0018	
5/23/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/4/2016	<0.0018	
4/5/2017	<0.0018	
10/4/2017	<0.0018	
3/20/2018	<0.0018	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/10/2019	0.00065 (J)	
3/18/2020	0.00056 (J)	
9/9/2020	0.00047 (J)	
4/1/2021		0.00073 (J)
8/18/2021		0.0017
2/15/2022		0.00052 (J)
8/24/2022		0.00086 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.0018	
6/16/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/27/2011	<0.0018	
5/4/2012	<0.0018	
11/11/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/21/2014	<0.0018	
11/12/2014	<0.0018	
5/23/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	0.00271	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/2/2018	0.0018 (J)	
3/27/2019	<0.0018	
9/11/2019	0.0016	
3/18/2020	0.0016	
9/9/2020	0.0021	
4/1/2021		0.0012
10/18/2021		0.002
2/15/2022		0.0022
8/25/2022		0.003

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0018	
6/16/2010	<0.0018	
7/27/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/27/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/24/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/2/2018	<0.0018	
3/27/2019	<0.0018	
9/11/2019	0.00066 (J)	
3/18/2020	0.0005 (J)	
9/10/2020	0.0012	
4/1/2021		0.00065 (J)
8/11/2021		0.0006 (J)
2/16/2022		0.0007 (J)
8/25/2022		0.00081 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.0018	
6/18/2010	<0.0018	
7/27/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/23/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/5/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018 (D)	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/11/2019	0.00084 (J)	
3/18/2020	0.0006 (J)	
9/10/2020	0.00088 (J)	
4/1/2021		0.00065 (J)
8/11/2021		0.0008 (J)
2/16/2022		0.00076 (J)
8/26/2022		0.00096 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	<0.001	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	<0.001	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
10/7/2016	<0.001	
4/6/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00039 (J)	
3/18/2020	0.00061 (J)	
9/10/2020	0.00044 (J)	
4/6/2021		0.00053 (J)
8/11/2021		<0.001
2/16/2022		<0.001
8/26/2022		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0045 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00048 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	0.00064 (J)	
4/1/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/23/2015	0.01 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.0015	
3/19/2020	0.00047 (J)	
9/9/2020	0.00039 (J)	
4/5/2021		0.00047 (J)
8/11/2021		<0.001
2/16/2022		<0.001
8/25/2022		0.0017

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0033 (O)	
6/19/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/28/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/22/2014	<0.0018	
11/13/2014	<0.0018	
5/24/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	0.00206 (J)	
10/4/2016	0.0023 (J)	
4/6/2017	<0.0018	
10/4/2017	0.0021 (J)	
3/20/2018	<0.0018	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
9/10/2019	0.0022	
3/18/2020	0.0016	
9/9/2020	0.0016	
4/1/2021		0.0022
8/12/2021		0.0028
2/15/2022		0.0018
8/26/2022		0.002

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/27/2010	<0.0018	
9/7/2010	<0.0018	
4/29/2011	<0.0018	
10/28/2011	0.003 (J)	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/24/2015	0.0063 (O)	
11/10/2015	<0.0018	
4/12/2016	<0.0018	
10/5/2016	<0.0018	
4/6/2017	0.002 (J)	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
3/26/2019	<0.0018	
9/12/2019	0.00097 (J)	
3/19/2020	0.00098 (J)	
9/10/2020	0.00098 (J)	
4/5/2021		0.00048 (J)
8/11/2021		0.00056 (J)
2/16/2022		0.00055 (J)
8/25/2022		0.00074 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/28/2010	0.019 (O)	
9/7/2010	0.0093 (O)	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	0.0035 (J)	
5/10/2013	0.0081 (O)	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/22/2015	<0.0018	
11/10/2015	<0.0018	
4/12/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	0.0022 (J)	
10/3/2018	0.0018 (J)	
3/26/2019	<0.0018	
9/10/2019	0.0016	
3/18/2020	0.00091 (J)	
9/10/2020	0.0014	
4/6/2021		0.0018
8/12/2021		0.0029
2/15/2022		0.0013
8/25/2022		0.0024

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/28/2011	<0.0018	
10/29/2011	<0.0018	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/10/2013	<0.0018	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/22/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/6/2016	0.0021 (J)	
4/6/2017	<0.0018	
10/6/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
3/26/2019	0.0036	
9/10/2019	0.00079 (J)	
3/19/2020	0.00073 (J)	
9/10/2020	0.0013	
4/2/2021		0.0012
8/12/2021		0.00076 (J)
2/15/2022		0.00076 (J)
8/25/2022		0.0015

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0018	
6/18/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/24/2015	0.006 (O)	
11/11/2015	<0.0018	
4/19/2016	0.00268 (J)	
10/6/2016	<0.0018	
4/6/2017	0.0018 (J)	
10/5/2017	<0.0018	
3/22/2018	0.0019 (J)	
10/3/2018	<0.0018	
3/27/2019	<0.0018	
9/11/2019	0.0007 (J)	
3/18/2020	0.00068 (J)	
9/9/2020	0.00039 (J)	
4/1/2021		0.00042 (J)
8/12/2021		0.00061 (J)
2/15/2022		0.001
8/25/2022		0.00071 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.0034	
6/18/2010	0.0046	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/30/2011	<0.0018	
10/29/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	0.0053	
5/9/2013	<0.0018	
11/7/2013	<0.0018	
5/21/2014	<0.0018	
11/9/2014	<0.0018	
5/24/2015	0.0047	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/6/2016	<0.0018	
4/6/2017	<0.0018	
10/6/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
3/26/2019	<0.0018	
9/11/2019	0.00099 (J)	
3/18/2020	0.00062 (J)	
9/10/2020	0.0009 (J)	
4/5/2021		0.00088 (J)
8/11/2021		0.00074 (J)
2/15/2022		0.00089 (J)
8/25/2022		0.0013

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0044	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
10/6/2016	<0.001	
4/7/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00046 (J)	
3/19/2020	<0.001	
9/10/2020	0.0007 (J)	
4/1/2021		0.00036 (J)
8/11/2021		<0.001
2/15/2022		<0.001
8/25/2022		0.0015

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0018	
6/19/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/30/2011	0.008 (O)	
10/27/2011	0.0044 (J)	
5/4/2012	0.0032 (J)	
11/11/2012	0.0069	
5/10/2013	0.0093 (O)	
11/7/2013	0.0033 (J)	
5/21/2014	<0.0018	
11/13/2014	0.0049 (J)	
5/23/2015	0.003 (J)	
11/11/2015	<0.0018	
4/19/2016	0.00247 (J)	
10/10/2016	<0.0018	
4/7/2017	0.0022 (J)	
10/9/2017	<0.0018	
3/22/2018	<0.0018	
10/4/2018	<0.0018	
3/27/2019	<0.0018	
9/11/2019	0.0013	
3/18/2020	0.0044	
9/9/2020	0.0036	
4/5/2021		0.0058
8/12/2021		0.0035
2/15/2022		0.0055
8/25/2022		0.0053

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
10/6/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00063 (J)	
3/18/2020	<0.001	
9/9/2020	0.00046 (J)	
4/1/2021		0.00058 (J)
8/12/2021		0.00045 (J)
2/15/2022		<0.001
8/25/2022		0.0042

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	0.00067 (J)	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (XD)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	0.0043	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/29/2016	0.00024 (J)	
2/7/2017	<0.005	
4/4/2017	0.0017	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	0.0044	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	0.00027 (J)	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005
8/24/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0053	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	0.00037 (J)	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (X)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/18/2021		<0.005
2/15/2022		<0.005
8/24/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	0.0043	
11/12/2015	0.0046	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/17/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.005	
11/12/2015	0.0042	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	0.00031 (J)	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	0.004	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005
8/26/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0052	
4/13/2016	<0.005 (D)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/4/2016	<0.005	
12/1/2016	0.00025 (J)	
2/7/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005
8/26/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0041	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/23/2015	<0.005	
11/10/2015	0.0044	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	0.0044	
11/11/2015	0.0045	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/6/2017	0.0023	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (X)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005
8/26/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005 (D)	
6/20/2016	<0.005	
8/12/2016	0.00036 (J)	
10/5/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005 (X)	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021		<0.005
8/12/2021		<0.005
2/15/2022		0.0013 (J)
8/25/2022		0.0012 (J)

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.01	
6/18/2010	<0.01	
7/27/2010	<0.01	
9/9/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/4/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/22/2014	<0.01	
11/9/2014	<0.01	
5/24/2015	0.013 (J)	
11/11/2015	0.037	
4/19/2016	0.0587	
6/22/2016	0.0435	
8/16/2016	0.029	
10/6/2016	0.027	
12/1/2016	0.029	
2/9/2017	0.031	
4/6/2017	0.043	
6/21/2017	0.052	
10/5/2017	0.038	
3/22/2018	0.038	
10/3/2018	0.021	
3/27/2019	0.023	
9/11/2019	0.0079	
3/18/2020	0.014	
9/9/2020	0.0054	
4/1/2021		0.0065
8/12/2021		0.0088
2/15/2022		0.0058
8/25/2022		0.0043 (J)

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.007	
4/12/2016	<0.005	
6/20/2016	0.00032 (J)	
8/12/2016	0.00035 (J)	
10/6/2016	0.00029 (J)	
11/30/2016	0.00026 (J)	
2/9/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	0.00031 (J)	
10/6/2017	<0.005	
3/21/2018	<0.005 (X)	
10/3/2018	0.00056 (J)	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.0053	
11/11/2015	0.0049	
4/13/2016	<0.005 (D)	
6/20/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/30/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/10/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0045	
11/11/2015	0.0043	
4/19/2016	<0.005	
10/10/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/21/2017	<0.005	
8/15/2017	<0.005	
9/1/2017	0.00044 (J)	
10/9/2017	<0.005	
3/22/2018	0.00032 (J)	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Selenium, T Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	0.0065	
4/13/2016	<0.005 (D)	
6/22/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (X)	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001 (D)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	0.00025 (J)	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0003	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00021 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00023 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001
8/24/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00049 (J)	
9/9/2020	<0.001	
4/1/2021		0.00027 (J)
8/18/2021		<0.001
2/15/2022		<0.001
8/24/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/23/2015	<0.001	
11/10/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021		0.00032 (J)
8/11/2021		<0.001
2/16/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/22/2014	<0.001	
11/13/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00025 (J)	
9/9/2020	<0.001	
4/1/2021		<0.001
8/12/2021		<0.001
2/15/2022		<0.001
8/26/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/10/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00036 (J)	
9/10/2020	<0.001	
4/2/2021		<0.001
8/12/2021		<0.001
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/12/2021		0.00037 (J)
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021		0.0003 (J)
8/11/2021		0.0002 (J)
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	0.00027	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	0.00026	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00019 (J)	
4/1/2021		<0.001
8/11/2021		0.00043 (J)
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/30/2011	<0.001	
10/27/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/10/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021		0.00081 (J)
8/12/2021		0.00043 (J)
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		<0.001
8/12/2021		0.00016 (J)
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	0.0035 (J)	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	<0.001	
10/4/2016	0.0031	
4/4/2017	<0.001	
10/4/2017	0.0021 (J)	
3/20/2018	<0.001 (D)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0022	
3/18/2020	0.0011	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001
8/25/2022		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	0.0049 (J)	
6/16/2010	0.0054 (J)	
7/27/2010	0.0055 (J)	
9/7/2010	0.005 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0081 (J)	
5/2/2012	0.0059 (J)	
11/9/2012	0.0062 (J)	
5/8/2013	0.0079 (J)	
11/6/2013	0.0068 (J)	
5/20/2014	0.0074 (J)	
11/8/2014	0.0097 (J)	
5/22/2015	0.0085 (J)	
11/9/2015	<0.01	
4/6/2016	0.00726 (J)	
10/4/2016	0.013	
4/4/2017	0.0046	
10/5/2017	0.0071	
3/20/2018	0.0067	
10/2/2018	0.0069	
3/26/2019	0.007	
9/10/2019	0.01	
3/18/2020	0.0078	
9/9/2020	0.0072	
4/1/2021		0.0078
8/11/2021		0.0082
2/15/2022		0.0077
8/25/2022		0.0079

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	0.0024 (J)	
6/16/2010	0.002 (J)	
7/26/2010	<0.01	
9/7/2010	0.0026 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	<0.01	
5/2/2012	0.003 (J)	
11/9/2012	0.0081 (J)	
5/8/2013	<0.01	
11/6/2013	0.0032 (J)	
5/20/2014	0.0036 (J)	
11/8/2014	0.0065 (J)	
5/22/2015	<0.01	
11/9/2015	0.0047 (J)	
4/6/2016	0.00424 (J)	
10/5/2016	0.0049	
4/4/2017	0.0048	
10/5/2017	0.0024 (J)	
3/20/2018	0.0041	
10/2/2018	0.004	
3/26/2019	0.0051	
9/10/2019	0.0091	
3/18/2020	0.0051	
9/9/2020	0.0053	
4/1/2021		0.005
8/11/2021		0.0055
2/15/2022		0.0052
8/24/2022		0.0051

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	0.012	
6/17/2010	0.0082 (J)	
7/27/2010	0.0096 (J)	
9/9/2010	0.0098 (J)	
4/28/2011	0.0085 (J)	
10/29/2011	0.011	
5/3/2012	0.013	
11/9/2012	0.013	
5/9/2013	0.012	
11/5/2013	0.015	
5/23/2014	0.015	
11/13/2014	0.02	
5/23/2015	0.018	
11/11/2015	0.018	
4/12/2016	0.0173	
10/4/2016	0.021	
4/5/2017	0.017	
10/4/2017	0.02	
3/20/2018	0.016	
10/2/2018	0.017	
3/26/2019	0.017	
9/10/2019	0.02	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021		0.019
8/18/2021		0.018
2/15/2022		0.018
8/24/2022		0.017

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.01	
7/28/2010	0.011	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.014	
5/4/2012	0.0096 (J)	
11/11/2012	0.011	
5/9/2013	0.011	
11/5/2013	0.013	
5/21/2014	0.012	
11/12/2014	0.016	
5/23/2015	0.011	
11/12/2015	0.0053 (J)	
4/13/2016	0.0124 (D)	
10/5/2016	0.013	
4/6/2017	0.013	
10/5/2017	0.015	
3/21/2018	0.012	
10/2/2018	0.012	
3/27/2019	0.012	
9/11/2019	0.017	
3/18/2020	0.013	
9/9/2020	0.012	
4/1/2021		0.013
10/18/2021		0.013
2/15/2022		0.012
8/25/2022		0.011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	0.009 (J)	
6/16/2010	0.0089 (J)	
7/27/2010	0.0089 (J)	
9/8/2010	0.009 (J)	
4/29/2011	0.0082 (J)	
10/27/2011	0.009 (J)	
5/4/2012	0.0091 (J)	
11/10/2012	0.0096 (J)	
5/9/2013	0.01	
11/6/2013	0.01	
5/20/2014	0.011	
11/12/2014	0.012	
5/24/2015	0.012	
11/12/2015	<0.01	
4/13/2016	0.00976 (JD)	
10/5/2016	0.013	
4/6/2017	0.011	
10/5/2017	0.013	
3/21/2018	0.0098	
10/2/2018	0.01	
3/27/2019	0.012	
9/11/2019	0.015	
3/18/2020	0.011	
9/10/2020	0.01	
4/1/2021		0.011
8/11/2021		0.011
2/16/2022		0.0099
8/25/2022		0.0099

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	0.0032 (J)	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	0.0022 (J)	
3/21/2018	<0.0014 (JX)	
10/2/2018	<0.001	
3/26/2019	0.0029	
9/11/2019	0.0052	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001
8/26/2022		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.0014	
6/18/2010	<0.0014	
7/29/2010	<0.0014	
9/9/2010	<0.0014	
4/26/2011	<0.0014	
10/28/2011	<0.0014	
5/4/2012	<0.0014	
11/11/2012	<0.0014	
5/8/2013	0.0039 (J)	
11/7/2013	<0.0014	
5/20/2014	<0.0014	
11/12/2014	0.004 (J)	
5/24/2015	<0.0014	
11/12/2015	<0.0014	
4/13/2016	<0.0014 (D)	
10/7/2016	<0.0014	
4/6/2017	<0.0014	
10/6/2017	0.0032	
3/22/2018	<0.0014	
10/3/2018	<0.0014	
3/26/2019	0.0041	
9/11/2019	0.0062	
3/18/2020	0.001	
9/10/2020	0.0011	
4/6/2021		0.0028
8/11/2021		0.0013
2/16/2022		0.0011
8/26/2022		0.0016

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
10/4/2016	0.0026	
4/6/2017	<0.001	
10/5/2017	0.0024 (J)	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	0.0034	
9/11/2019	0.0062	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		0.0013
8/11/2021		0.0012
2/16/2022		0.00091 (J)
8/26/2022		0.0017

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	0.0052 (J)	
6/16/2010	0.0059 (J)	
7/26/2010	0.0052 (J)	
9/7/2010	0.0056 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0048 (J)	
5/2/2012	0.0057 (J)	
11/9/2012	0.0057 (J)	
5/8/2013	0.0069 (J)	
11/6/2013	0.0052 (J)	
5/23/2014	0.0081 (J)	
11/8/2014	0.01	
5/22/2015	0.0052 (J)	
11/10/2015	<0.01	
4/11/2016	0.00604 (J)	
10/5/2016	0.0075	
4/6/2017	0.0065	
10/5/2017	0.0052	
3/20/2018	0.0064	
10/2/2018	0.0064	
3/26/2019	0.0094	
9/11/2019	0.011	
3/18/2020	0.0075	
9/9/2020	0.007	
4/1/2021		0.0081
8/11/2021		0.008
2/16/2022		0.0066
8/25/2022		0.007

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	0.0064 (J)	
6/16/2010	0.0061 (J)	
7/27/2010	0.006 (J)	
9/7/2010	0.0066 (J)	
4/29/2011	0.0066 (J)	
10/28/2011	0.0057 (J)	
5/2/2012	0.006 (J)	
11/9/2012	0.0073 (J)	
5/9/2013	0.0069 (J)	
11/6/2013	0.0077 (J)	
5/22/2014	0.0075 (J)	
11/8/2014	0.0081 (J)	
5/23/2015	0.01	
11/10/2015	0.0033 (J)	
4/11/2016	0.00756 (J)	
10/5/2016	0.0084	
4/5/2017	0.0086	
10/5/2017	0.0062	
3/20/2018	0.0072	
10/2/2018	0.0073	
3/26/2019	0.0094	
9/12/2019	0.0083	
3/19/2020	0.008	
9/9/2020	0.0071	
4/5/2021		0.0068
8/11/2021		0.0076
2/16/2022		0.0068
8/25/2022		0.0068

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0078 (J)	
6/19/2010	<0.01	
7/27/2010	0.0096 (J)	
9/9/2010	0.0095 (J)	
4/28/2011	0.01	
10/28/2011	0.014	
5/3/2012	0.013	
11/9/2012	0.012	
5/9/2013	0.012	
11/5/2013	0.014	
5/22/2014	0.013	
11/13/2014	0.016	
5/24/2015	0.014	
11/11/2015	0.014	
4/12/2016	0.0155	
10/4/2016	0.017	
4/6/2017	0.015	
10/4/2017	0.015	
3/20/2018	0.014	
10/2/2018	0.015	
3/26/2019	0.016	
9/10/2019	0.018	
3/18/2020	0.016	
9/9/2020	0.014	
4/1/2021		0.014
8/12/2021		0.016
2/15/2022		0.016
8/26/2022		0.015

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	0.014	
6/17/2010	0.014	
7/27/2010	0.016	
9/7/2010	0.017	
4/29/2011	0.015	
10/28/2011	0.016	
5/3/2012	0.016	
11/10/2012	0.018	
5/9/2013	0.019	
11/6/2013	0.019	
5/22/2014	0.018	
11/9/2014	0.02	
5/24/2015	0.016	
11/10/2015	0.01	
4/12/2016	0.019	
10/5/2016	<0.016	
4/6/2017	0.02	
10/5/2017	0.02	
3/21/2018	0.021	
10/3/2018	0.017	
3/26/2019	0.018	
9/12/2019	0.02	
3/19/2020	0.019	
9/10/2020	0.018	
4/5/2021		0.017
8/11/2021		0.019
2/16/2022		0.018
8/25/2022		0.018

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.0046 (J)	
6/17/2010	0.0046 (J)	
7/28/2010	0.019 (O)	
9/7/2010	0.0072 (J)	
4/29/2011	0.0052 (J)	
10/28/2011	0.0059 (J)	
5/3/2012	0.0049 (J)	
11/9/2012	0.007 (J)	
5/10/2013	0.0094 (J)	
11/6/2013	0.0059 (J)	
5/22/2014	0.0057 (J)	
11/9/2014	0.0069 (J)	
5/22/2015	0.006 (J)	
11/10/2015	0.011	
4/12/2016	0.00503 (JD)	
10/5/2016	<0.0072	
4/6/2017	0.0056	
10/5/2017	0.0061	
3/21/2018	0.0097	
10/3/2018	0.0053	
3/26/2019	0.0076	
9/10/2019	0.0078	
3/18/2020	0.0051	
9/10/2020	0.0061	
4/6/2021		0.0075
8/12/2021		0.0087
2/15/2022		0.0064
8/25/2022		0.0072

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.0068 (J)	
6/17/2010	0.0079 (J)	
7/28/2010	0.0077 (J)	
9/8/2010	0.0077 (J)	
4/28/2011	0.0099 (J)	
10/29/2011	0.006 (J)	
5/3/2012	0.0084 (J)	
11/10/2012	0.0061 (J)	
5/10/2013	0.009 (J)	
11/6/2013	0.0089 (J)	
5/22/2014	0.0084 (J)	
11/9/2014	0.0076 (J)	
5/22/2015	0.011	
11/11/2015	0.0034 (J)	
4/12/2016	0.00654 (J)	
10/6/2016	<0.0086	
4/6/2017	0.0073	
10/6/2017	0.0087	
3/21/2018	0.0058	
10/3/2018	0.006	
3/26/2019	0.011	
9/10/2019	0.0086	
3/19/2020	0.0065	
9/10/2020	0.0068	
4/2/2021		0.0081
8/12/2021		0.007
2/15/2022		0.0059
8/25/2022		0.0059

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	0.0038 (J)	
6/18/2010	0.0044 (J)	
7/27/2010	0.0054 (J)	
9/9/2010	0.0053 (J)	
4/29/2011	0.0039 (J)	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0035 (J)	
5/9/2013	0.004 (J)	
11/6/2013	0.0034 (J)	
5/22/2014	0.0047 (J)	
11/9/2014	0.0067 (J)	
5/24/2015	0.0033 (J)	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	0.0018 (J)	
10/5/2017	<0.0025	
3/22/2018	0.0018 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.002 (J)	
9/11/2019	0.0047	
3/18/2020	0.002	
9/9/2020	0.002	
4/1/2021		0.0027
8/12/2021		0.0021
2/15/2022		0.0026
8/25/2022		0.0026

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.0055	
6/18/2010	0.0071 (J)	
7/27/2010	0.0085 (J)	
9/9/2010	0.0088 (J)	
4/30/2011	0.0094 (J)	
10/29/2011	0.009 (J)	
5/4/2012	0.0084 (J)	
11/10/2012	0.0089 (J)	
5/9/2013	0.0071 (J)	
11/7/2013	0.0094 (J)	
5/21/2014	0.0082 (J)	
11/9/2014	0.013	
5/24/2015	0.009 (J)	
11/11/2015	0.0052	
4/12/2016	0.00896 (J)	
10/6/2016	<0.009	
4/6/2017	0.0089	
10/6/2017	0.011	
3/21/2018	0.0077	
10/3/2018	0.0081	
3/26/2019	0.012	
9/11/2019	0.012	
3/18/2020	0.0099	
9/10/2020	0.0094	
4/5/2021		0.0091
8/11/2021		0.0099
2/15/2022		0.0094
8/25/2022		0.011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	0.011	
6/18/2010	0.017	
7/28/2010	0.012	
9/9/2010	0.013	
4/30/2011	0.012	
10/29/2011	0.013	
5/4/2012	0.012	
11/10/2012	0.012	
5/9/2013	0.013	
11/7/2013	0.014	
5/21/2014	0.013	
11/12/2014	0.015	
5/24/2015	0.015	
11/11/2015	0.0055 (J)	
4/13/2016	0.0127 (D)	
10/6/2016	<0.012	
4/7/2017	0.013	
10/6/2017	0.015	
3/22/2018	0.012	
10/4/2018	0.012	
3/27/2019	0.013	
9/11/2019	0.015	
3/19/2020	0.014	
9/10/2020	0.014	
4/1/2021		0.014
8/11/2021		0.013
2/15/2022		0.013
8/25/2022		0.014

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	0.013	
6/19/2010	0.0075 (J)	
7/28/2010	0.01	
9/8/2010	0.038	
4/30/2011	0.053 (O)	
10/27/2011	0.016	
5/4/2012	0.018	
11/11/2012	0.025	
5/10/2013	0.09 (O)	
11/7/2013	0.02	
5/21/2014	0.016	
11/13/2014	0.065 (O)	
5/23/2015	0.032	
11/11/2015	0.033	
4/19/2016	0.0233	
10/10/2016	0.019 (D)	
4/7/2017	0.0044	
10/9/2017	0.0047	
3/22/2018	0.0043	
10/4/2018	<0.001	
3/27/2019	0.003	
9/11/2019	0.0042	
3/18/2020	0.0031	
9/9/2020	<0.001	
4/5/2021		0.0023
8/12/2021		<0.001
2/15/2022		0.00079 (J)
8/25/2022		0.0023

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	0.0097 (J)	
6/16/2010	0.01	
7/27/2010	0.012	
9/8/2010	0.013	
4/29/2011	0.0097 (J)	
10/27/2011	0.015	
5/3/2012	0.017	
11/11/2012	0.017	
5/9/2013	0.014	
11/6/2013	0.019	
5/21/2014	0.016	
11/12/2014	0.022	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0144 (D)	
10/6/2016	<0.02	
4/6/2017	0.016	
10/5/2017	0.024	
3/21/2018	0.018	
10/2/2018	0.021	
3/27/2019	0.019	
9/11/2019	0.025	
3/18/2020	0.012	
9/9/2020	0.022	
4/1/2021		0.0095
8/12/2021		0.02
2/15/2022		0.017
8/25/2022		0.025

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0047 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	0.00274 (J)	
10/5/2016	0.0073 (J)	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0084	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005
8/24/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/5/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/18/2021		<0.005
2/15/2022		<0.005
8/24/2022		0.0039 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005 (D)	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
10/18/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00241 (JD)	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.007 (J)	
10/2/2018	0.022 (O)	
3/27/2019	<0.005	
9/11/2019	0.0072	
3/18/2020	<0.005	
9/10/2020	0.018	
4/1/2021		0.0034 (J)
8/11/2021		<0.005
2/16/2022		0.0034 (J)
8/25/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00409 (JD)	
10/5/2016	<0.005	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (D)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0065	
3/18/2020	0.005	
9/10/2020	0.0037 (J)	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		0.0032 (J)
8/26/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.005	
6/18/2010	<0.005	
7/29/2010	<0.005	
9/9/2010	<0.005	
4/26/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/8/2013	<0.005	
11/7/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00289 (JD)	
10/7/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	0.0071 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0085	
3/18/2020	0.0052	
9/10/2020	0.0038 (J)	
4/6/2021		0.004 (J)
8/11/2021		<0.005
2/16/2022		0.004 (J)
8/26/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005 (D)	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005
8/26/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0077	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/23/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	0.0085 (O)	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0059	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		0.01
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0065	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/5/2021		<0.005
8/11/2021		<0.005
2/16/2022		<0.005
8/25/2022		0.0063

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.018 (O)	
6/17/2010	<0.005	
7/28/2010	0.016 (O)	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005 (D)	
10/5/2016	0.01 (O)	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0069	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/12/2021		0.0035 (J)
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	0.00203 (J)	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0089 (J)	
4/19/2016	0.0133 (O)	
10/6/2016	<0.005	
4/6/2017	0.0087 (J)	
10/5/2017	0.0078 (J)	
3/22/2018	0.0086 (J)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/18/2020	0.0045 (J)	
9/9/2020	<0.005	
4/1/2021		<0.005
8/12/2021		0.0034 (J)
2/15/2022		0.0034 (J)
8/25/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0062	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021		<0.005
8/11/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005 (D)	
10/6/2016	<0.005	
4/7/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021		<0.005
8/11/2021		<0.005
2/15/2022		0.0037 (J)
8/25/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	0.0081 (J)	
7/28/2010	0.017 (J)	
9/8/2010	0.085	
4/30/2011	0.13 (O)	
10/27/2011	0.03	
5/4/2012	0.029	
11/11/2012	0.046	
5/10/2013	0.23 (O)	
11/7/2013	0.028	
5/21/2014	0.015 (J)	
11/13/2014	0.13 (O)	
5/23/2015	0.059	
11/11/2015	0.079	
4/19/2016	0.0218	
10/10/2016	0.013 (J)	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0052	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/29/2022 4:59 PM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005 (D)	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0037 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005
8/25/2022		<0.005

FIGURE E.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-10	0.08	n/a	8/25/2022	0.11	Yes	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	8/25/2022	0.12	Yes	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-17	8.711	n/a	8/24/2022	8.9	Yes	15	6.639	0.7855	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	8/25/2022	18	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	16.56	n/a	8/25/2022	17	Yes	15	12.47	1.553	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	19.78	n/a	8/25/2022	21	Yes	15	17.05	1.037	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	6.3	n/a	8/25/2022	6.9	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-10	4.3	n/a	8/25/2022	5	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-7	2.5	n/a	8/25/2022	3	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-10	1.475	n/a	8/25/2022	3.7	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-2	1	n/a	8/26/2022	1.1	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	8/25/2022	19	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	16.91	n/a	8/25/2022	19	Yes	15	9.857	2.672	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	76.79	n/a	8/25/2022	86	Yes	15	35.07	15.82	13.33	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	120.6	n/a	8/25/2022	130	Yes	15	84.33	13.75	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	166.6	n/a	8/25/2022	170	Yes	15	116.9	18.84	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-17	0.08	n/a	8/24/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	8/24/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-10	0.08	n/a	8/25/2022	0.11	Yes	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	8/26/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	8/25/2022	0.12	Yes	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	8/25/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.6373	n/a	8/25/2022	0.19	No	15	0.3412	0.1122	6.667	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	8/25/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	8/25/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3262	n/a	8/25/2022	0.18	No	14	0.1846	0.05242	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.1305	n/a	8/25/2022	0.13	No	15	0.08718	0.0164	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-15	5.463	n/a	8/25/2022	4.9	No	15	4.215	0.4731	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	14.38	n/a	8/25/2022	13	No	15	11.59	1.055	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	8.711	n/a	8/24/2022	8.9	Yes	15	6.639	0.7855	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.62	n/a	8/24/2022	17	No	15	17.13	1.326	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	21.64	n/a	8/25/2022	20	No	15	16.8	1.835	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	15.09	n/a	8/25/2022	14	No	15	12.69	0.9098	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-12	1.581	n/a	8/26/2022	0.99	No	15	1.095	0.184	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	9.036	n/a	8/26/2022	7.5	No	15	1.862	0.08384	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	7.744	n/a	8/26/2022	7	No	15	6.446	0.4921	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	12.05	n/a	8/25/2022	11	No	15	10.29	0.6675	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	8/25/2022	18	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	20.61	n/a	8/26/2022	18	No	15	17.31	1.248	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	16.02	n/a	8/25/2022	15	No	15	13.43	0.9796	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	11.1	n/a	8/25/2022	5.5	No	15	7.961	1.19	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	16.56	n/a	8/25/2022	17	Yes	15	12.47	1.553	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	222.5	n/a	8/25/2022	37	No	15	107.3	43.67	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	21.67	n/a	8/25/2022	19	No	15	17.82	1.459	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	16.33	n/a	8/25/2022	16	No	15	14.12	0.8377	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-8A	45.47	n/a	8/25/2022	39	No	10	25.9	6.402	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	19.78	n/a	8/25/2022	21	Yes	15	17.05	1.037	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	6.3	n/a	8/25/2022	6.9	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-16	2.089	n/a	8/25/2022	1.6	No	15	1.646	0.1678	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	2.117	n/a	8/24/2022	1.4	No	15	1.566	0.2089	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.775	n/a	8/24/2022	3.6	No	15	3.841	0.354	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	4.3	n/a	8/25/2022	5	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-11	2.109	n/a	8/25/2022	1.8	No	15	1.772	0.1278	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.15	n/a	8/26/2022	1.7	No	15	1.753	0.1506	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-13	1.976	n/a	8/26/2022	1.5	No	15	1.548	0.1621	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	3.365	n/a	8/26/2022	3.3	No	15	2.894	0.1784	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.9	n/a	8/25/2022	2.8	No	15	2.515	0.1457	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.435	n/a	8/25/2022	2.4	No	15	1.338	0.08444	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.66	n/a	8/26/2022	2.1	No	15	2.123	0.2035	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.425	n/a	8/25/2022	2.1	No	15	7.311	2.638	6.667	None	x^3	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	4.015	n/a	8/25/2022	3.2	No	15	3.176	0.3181	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	15.93	n/a	8/25/2022	11	No	15	7.238	3.295	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	134.3	n/a	8/25/2022	12	No	14	60.62	27.28	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	9.041	n/a	8/25/2022	6.2	No	14	6.021	1.119	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.5	n/a	8/25/2022	3	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-8A	10.77	n/a	8/25/2022	7.5	No	14	2.006	0.1373	0	None	ln(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	4.39	n/a	8/25/2022	4.2	No	15	3.523	0.3286	0	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWA-15	0.1	n/a	8/25/2022	0.1ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.082	n/a	8/25/2022	0.047J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.082	n/a	8/24/2022	0.047J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1092	n/a	8/24/2022	0.075J	No	15	0.005859	0.002297	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:17 PM

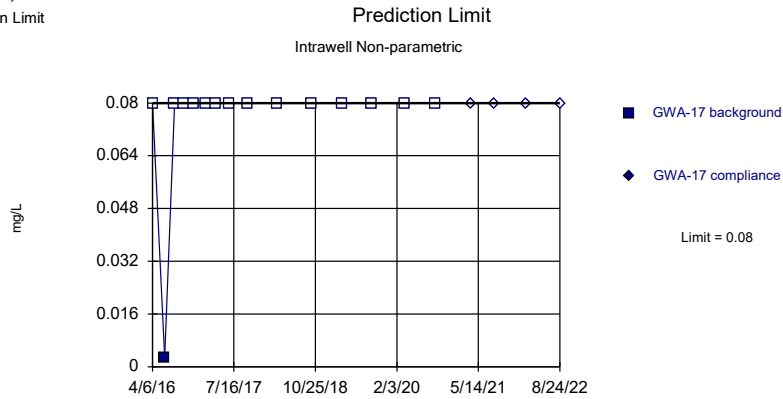
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-10	0.088	n/a	8/25/2022	0.065J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.1	n/a	8/25/2022	0.059J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.1	n/a	8/26/2022	0.026J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.1	n/a	8/26/2022	0.055J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.1	n/a	8/26/2022	0.068J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.1	n/a	8/25/2022	0.047J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.1	n/a	8/25/2022	0.042J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-2	0.082	n/a	8/26/2022	0.048J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.1	n/a	8/25/2022	0.05J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.091	n/a	8/25/2022	0.059J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1466	n/a	8/25/2022	0.077J	No	15	0.009818	0.004428	0	None	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	8/25/2022	0.047J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-6	0.082	n/a	8/25/2022	0.058J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	8/25/2022	0.051J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2241	n/a	8/25/2022	0.059J	No	14	0.1081	0.04297	0	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.096	n/a	8/25/2022	0.064J	No	15	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.761	5.24	8/25/2022	5.4	No	18	5.501	0.1037	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWA-16	6.563	6.191	8/25/2022	6.42	No	18	6.377	0.07404	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWA-17	6.338	5.628	8/24/2022	6.22	No	18	5.983	0.1415	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-1	6.745	6.3	8/24/2022	6.42	No	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.659	6.027	8/25/2022	6.2	No	18	6.343	0.1259	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-11	6.354	5.988	8/25/2022	6.01	No	17	6.171	0.07184	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-12	5.433	4.859	8/26/2022	5.07	No	18	5.146	0.1143	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-13	6.052	5.659	8/26/2022	5.91	No	19	6.960	466.8	0	None	x^5	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-14	5.903	5.332	8/26/2022	5.51	No	17	5.617	0.1122	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.46	6.164	8/25/2022	6.45	No	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-19	6.518	6.229	8/25/2022	6.36	No	17	6.374	0.05689	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-2	7	6.35	8/26/2022	6.37	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-20	6.664	6.342	8/25/2022	6.62	No	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-3	6.201	5.69	8/25/2022	5.99	No	18	5.946	0.1019	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.591	5.971	8/25/2022	6.19	No	18	39.54	1.551	0	None	x^2	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-5	6.158	5.348	8/25/2022	5.96	No	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-6	6.43	6.09	8/25/2022	6.13	No	18	n/a	n/a	0	n/a	n/a	0.01075	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-7	6.42	5.96	8/25/2022	6.31	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-8A	7.26	6.24	8/25/2022	6.29	No	21	n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
pH (S.U.)	GWC-9	6.922	6.294	8/25/2022	6.48	No	18	6.608	0.1251	0	None	No	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWA-15	3.1	n/a	8/25/2022	1.9	No	15	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	1	n/a	8/25/2022	1ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1	n/a	8/24/2022	1ND	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	8/24/2022	1ND	No	15	n/a	n/a	40	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-10	1.475	n/a	8/25/2022	3.7	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	1	n/a	8/25/2022	1ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	8/26/2022	0.77J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.3	n/a	8/26/2022	1.3	No	14	n/a	n/a	64.29	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	1	n/a	8/26/2022	0.79J	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1	n/a	8/25/2022	1ND	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.2	n/a	8/25/2022	1ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-2	1	n/a	8/26/2022	1.1	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1	n/a	8/25/2022	1ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	8/25/2022	0.99J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	8/25/2022	19	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-5	629.8	n/a	8/25/2022	100	No	14	315	116.6	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	17.41	n/a	8/25/2022	12	No	15	10.19	2.735	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1	n/a	8/25/2022	1ND	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	55.93	n/a	8/25/2022	22	No	14	30.76	9.32	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:17 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-9	16.91	n/a	8/25/2022	19	Yes	15	9.857	2.672	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-15	76.79	n/a	8/25/2022	86	Yes	15	35.07	15.82	13.33	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-16	153.2	n/a	8/25/2022	130	No	15	93.67	22.56	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-17	132.7	n/a	8/24/2022	110	No	15	66.53	25.08	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	164.7	n/a	8/24/2022	160	No	15	131.1	12.73	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	180.4	n/a	8/25/2022	170	No	14	127.6	19.55	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-11	293	n/a	8/25/2022	130	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	102.3	n/a	8/26/2022	29	No	15	2.564	0.8012	26.67	Kaplan-Meier	x^(1/3)	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	119.3	n/a	8/26/2022	84	No	14	58.14	22.64	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	103	n/a	8/26/2022	91	No	15	55	18.21	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	120.6	n/a	8/25/2022	130	Yes	15	84.33	13.75	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	164.4	n/a	8/25/2022	150	No	15	90.33	28.07	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	192.3	n/a	8/26/2022	180	No	15	116.2	28.83	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	146.1	n/a	8/25/2022	140	No	15	102.9	16.4	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-3	112.1	n/a	8/25/2022	110	No	15	79.13	12.48	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	166.6	n/a	8/25/2022	170	Yes	15	116.9	18.84	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	1654	n/a	8/25/2022	290	No	15	823.3	314.8	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	183.8	n/a	8/25/2022	170	No	15	144.8	14.77	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	155.6	n/a	8/25/2022	150	No	15	116.4	14.86	0	None	No	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8A	404	n/a	8/25/2022	270	No	13	14.63	1.981	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	205.7	n/a	8/25/2022	180	No	15	20532	8252	0	None	x^2	0.0004426	Param Intra 1 of 2

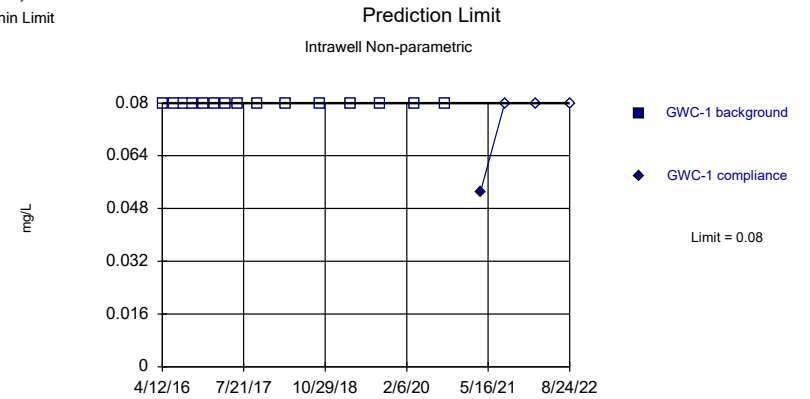
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

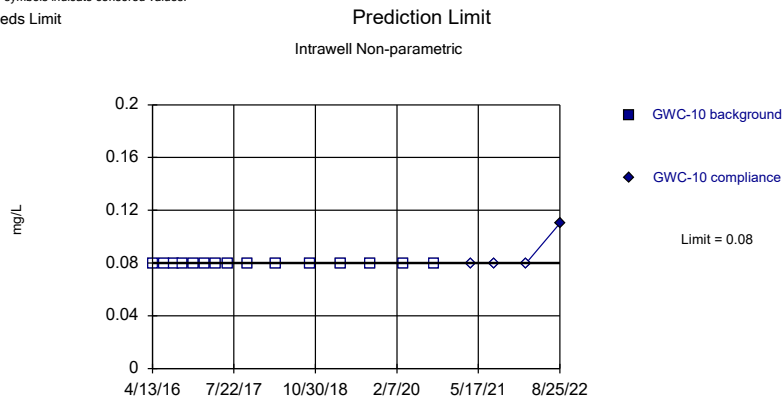
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

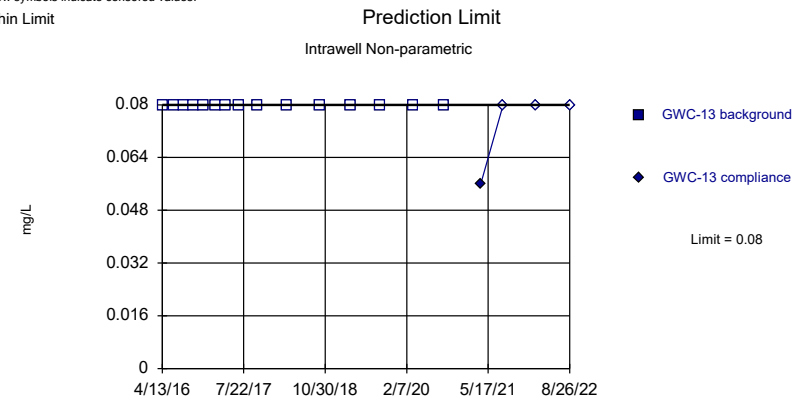
Exceeds Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit



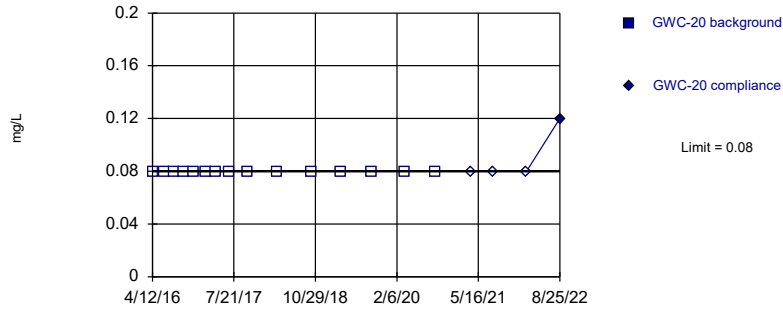
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



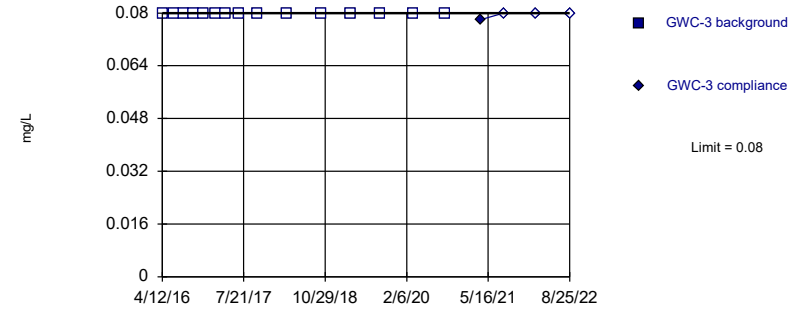
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



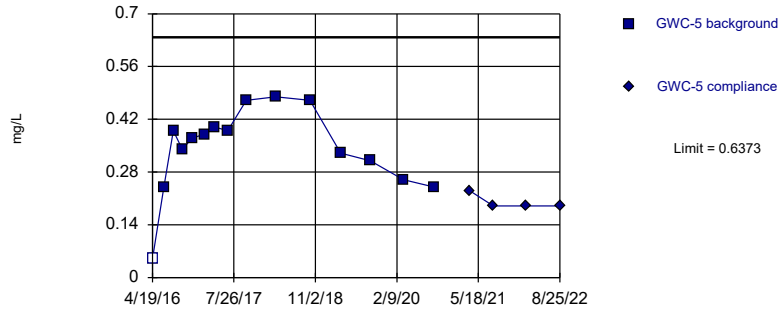
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



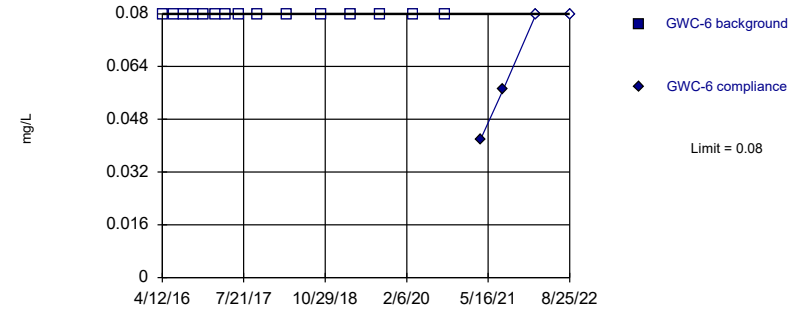
Background Data Summary: Mean=0.3412, Std. Dev.=0.1122, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9056, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

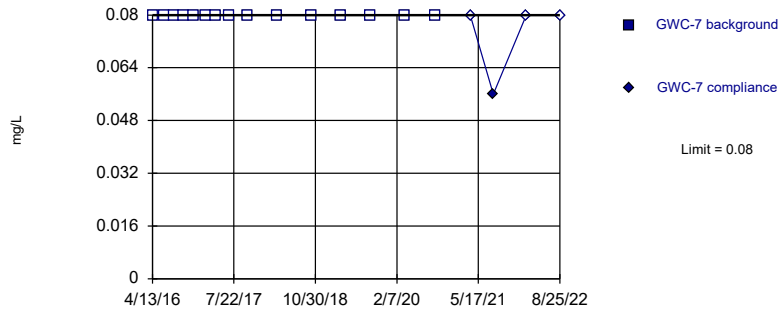


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

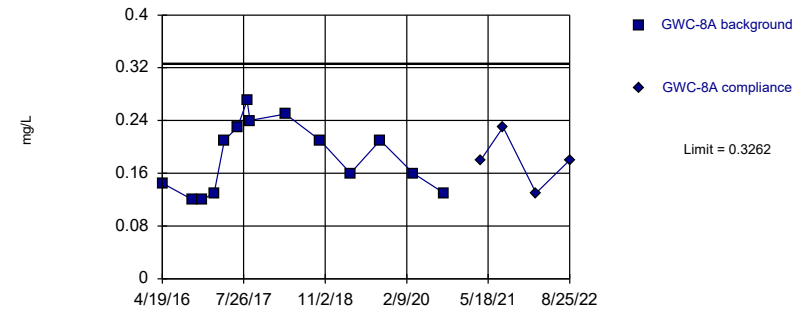


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

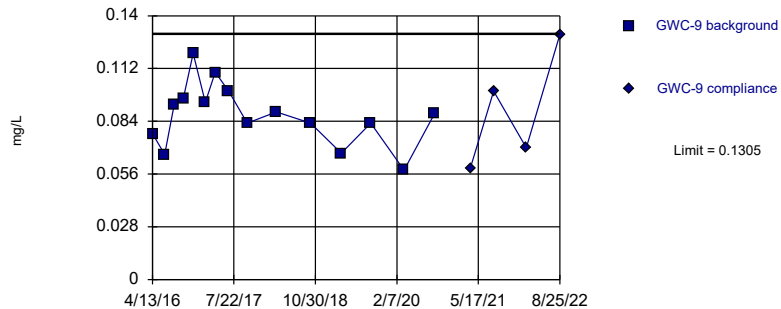


Background Data Summary: Mean=0.1846, Std. Dev.=0.05242, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9057, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

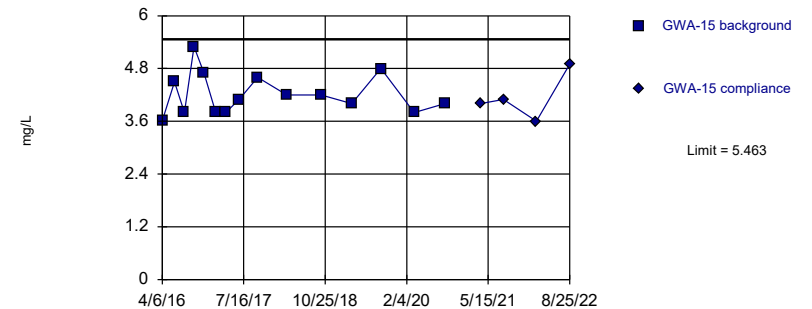


Background Data Summary: Mean=0.08718, Std. Dev.=0.0164, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9791, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

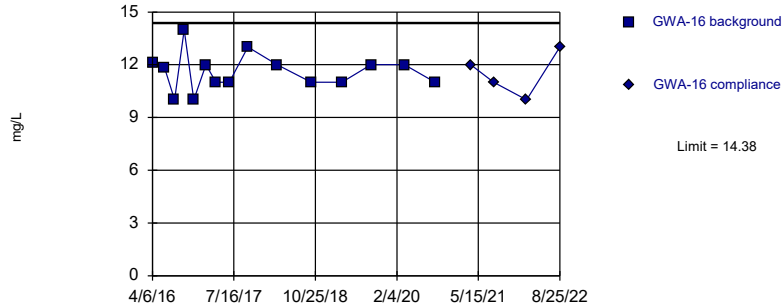


Background Data Summary: Mean=4.215, Std. Dev.=0.4731, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9133, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

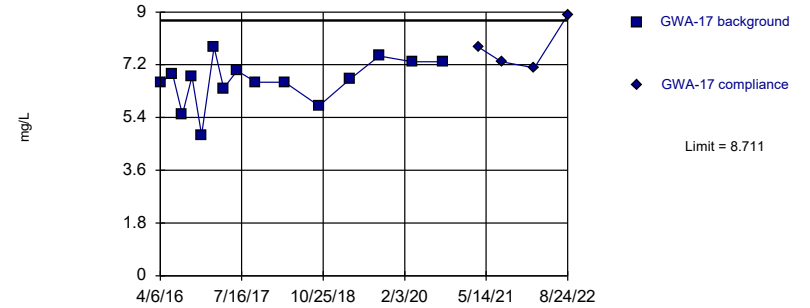


Background Data Summary: Mean=11.59, Std. Dev.=1.055, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.918, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

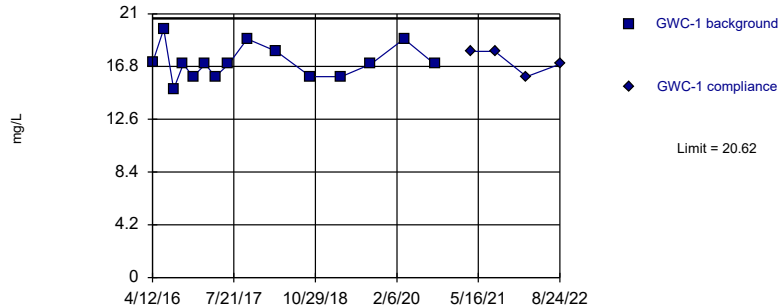


Background Data Summary: Mean=6.639, Std. Dev.=0.7855, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9346, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

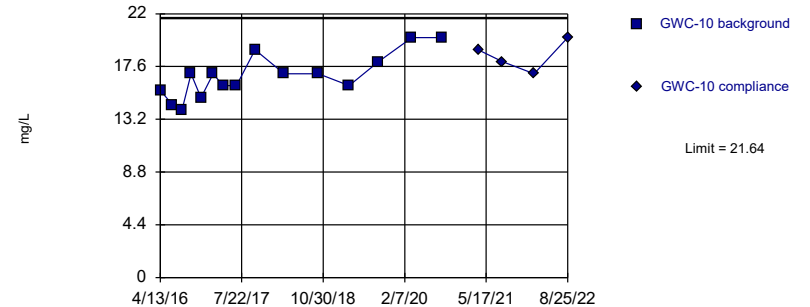


Background Data Summary: Mean=17.13, Std. Dev.=1.326, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

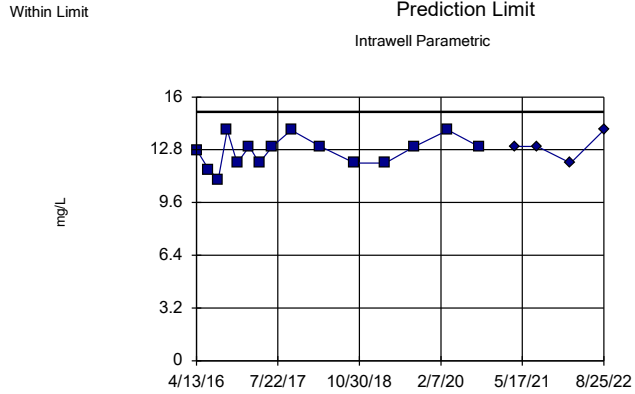
Within Limit

Prediction Limit
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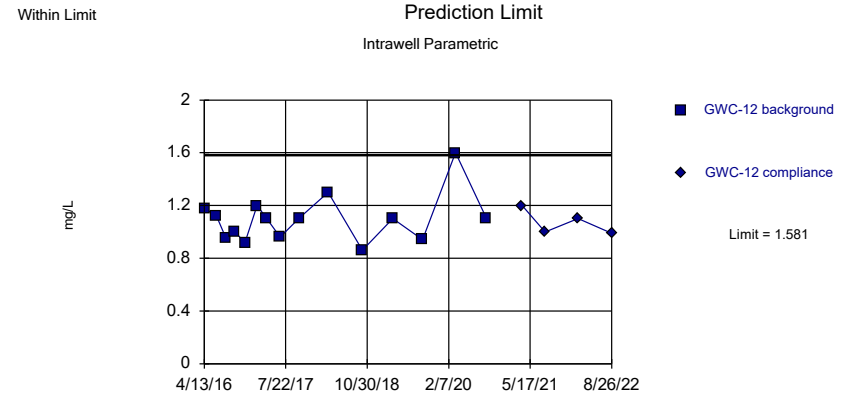
Background Data Summary: Mean=16.8, Std. Dev.=1.835, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9404, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR



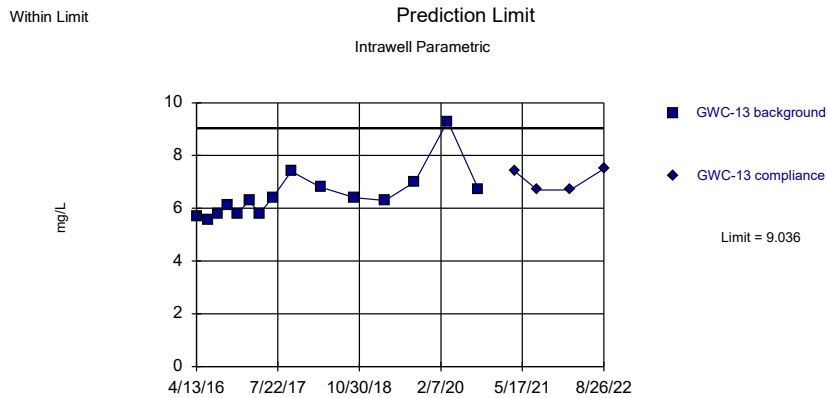
Background Data Summary: Mean=12.69, Std. Dev.=0.9098, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9154, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR



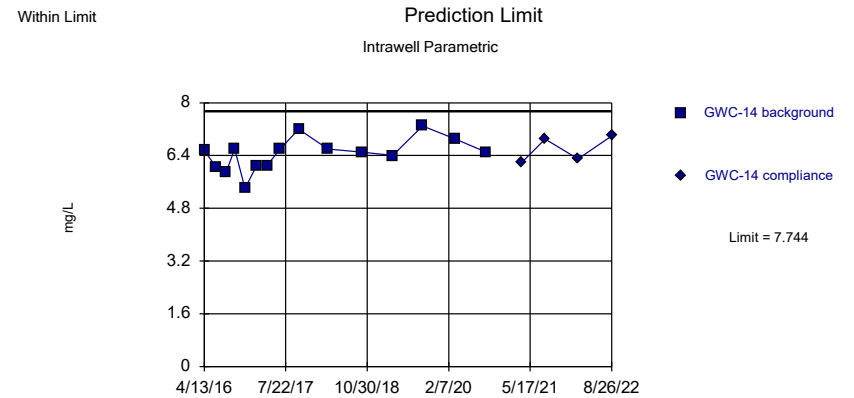
Background Data Summary: Mean=1.095, Std. Dev.=0.184, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.878, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR



Background Data Summary (based on cube root transformation): Mean=1.862, Std. Dev.=0.08384, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8396, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

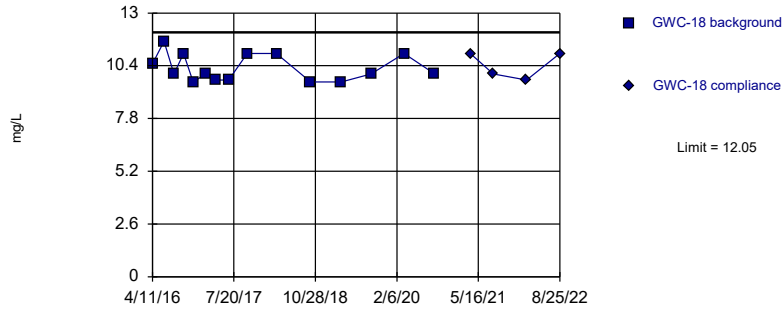
Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR



Background Data Summary: Mean=6.446, Std. Dev.=0.4921, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9601, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

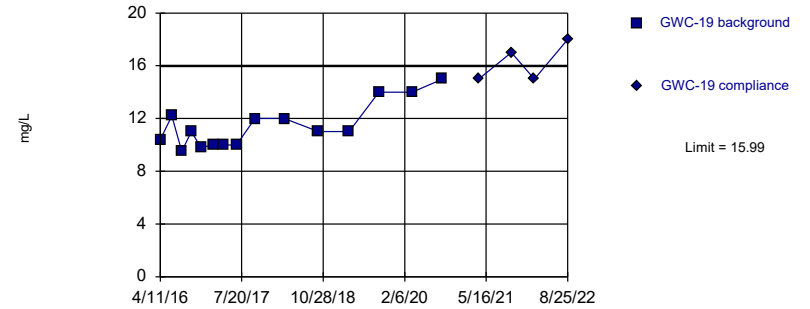
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=10.29, Std. Dev.=0.6675, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8527, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

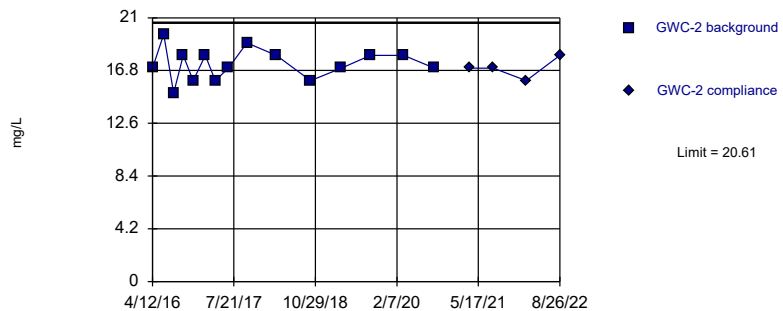
Exceeds Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=11.46, Std. Dev.=1.718, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.884, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

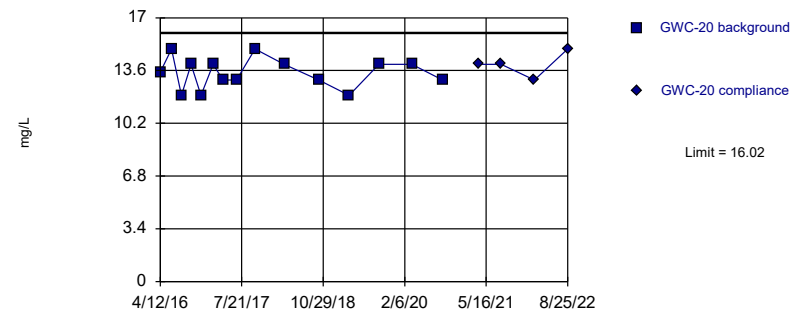
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=17.31, Std. Dev.=1.248, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9504, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit Prediction Limit
Intrawell Parametric

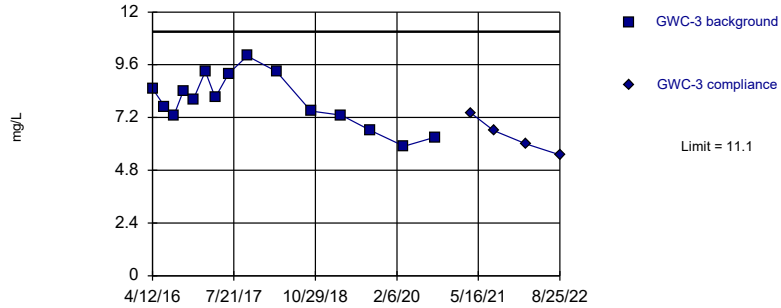


Background Data Summary: Mean=13.43, Std. Dev.=0.9796, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

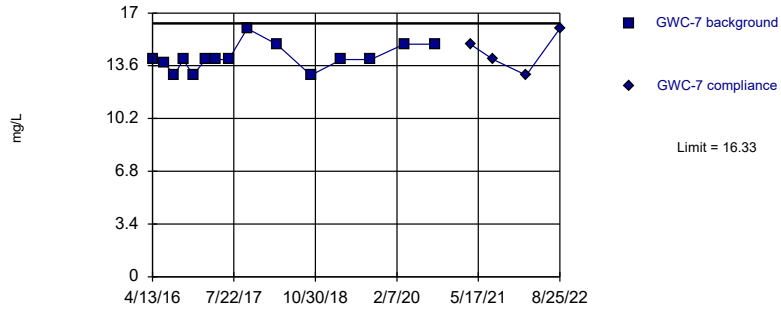
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

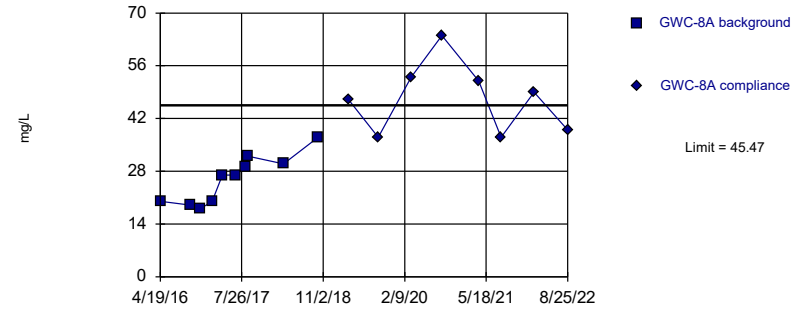


Background Data Summary: Mean=14.12, Std. Dev.=0.8377, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8742, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

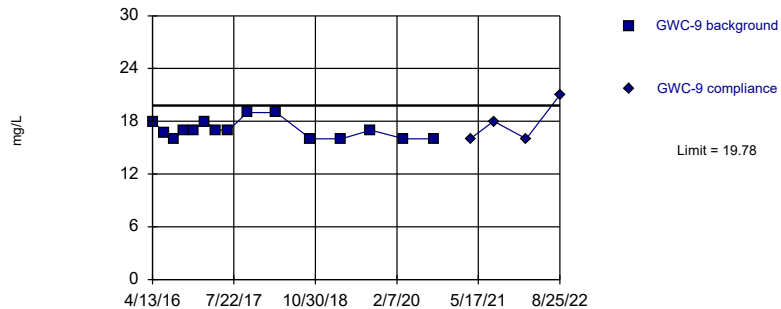


Background Data Summary: Mean=25.9, Std. Dev.=6.402, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9203, critical = 0.781. Kappa = 3.058 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

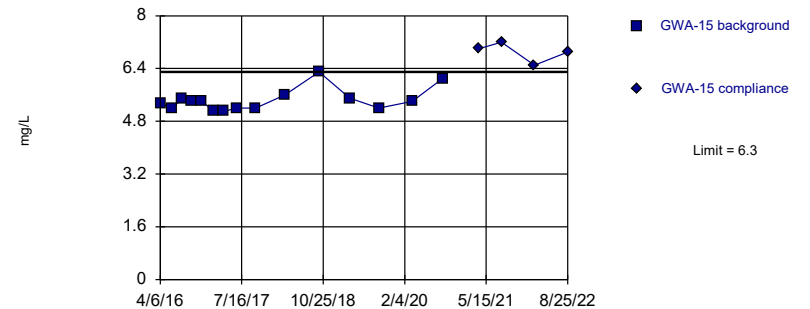


Background Data Summary: Mean=17.05, Std. Dev.=1.037, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8479, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

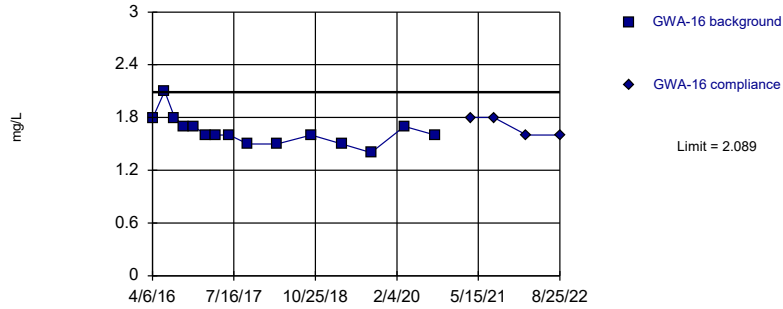


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

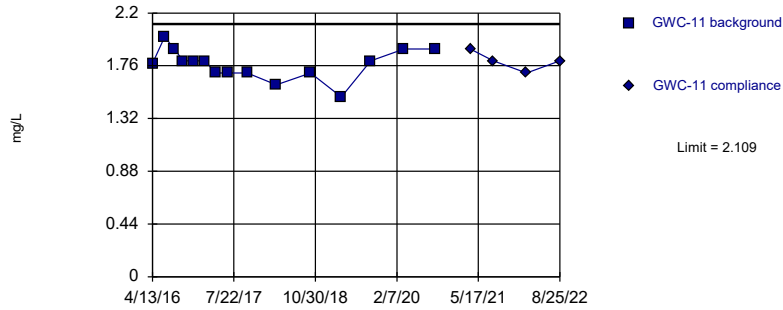
Within Limit

Prediction Limit Intrawell Parametric



Within Limit

Prediction Limit Intrawell Parametric

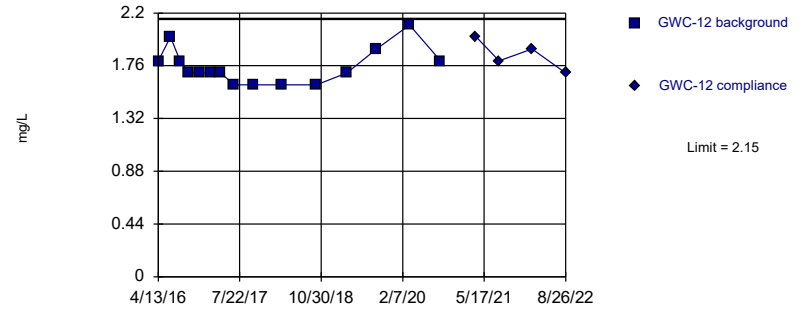


Background Data Summary: Mean=1.772, Std. Dev.=0.1278, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9552, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

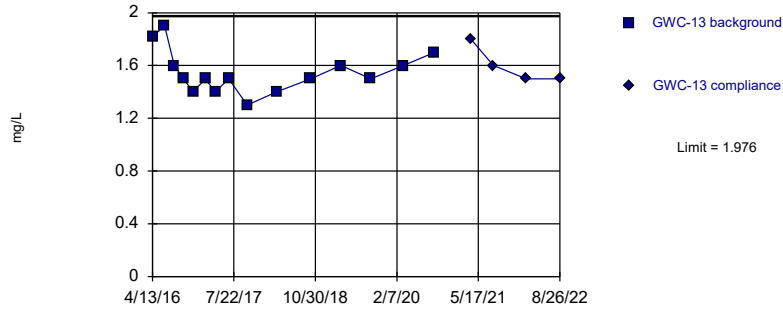


Background Data Summary: Mean=1.753, Std. Dev.=0.1506, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8668, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

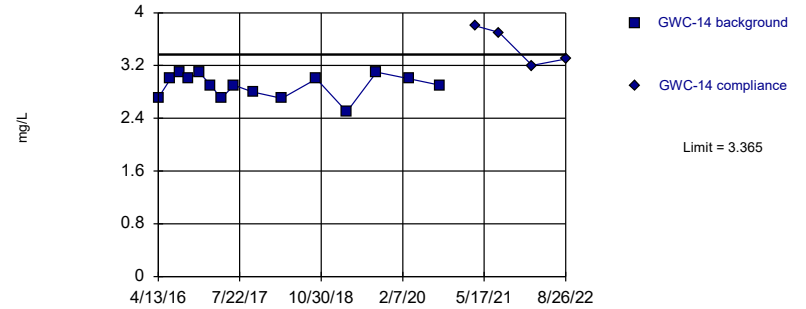


Background Data Summary: Mean=1.548, Std. Dev.=0.1621, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9227, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

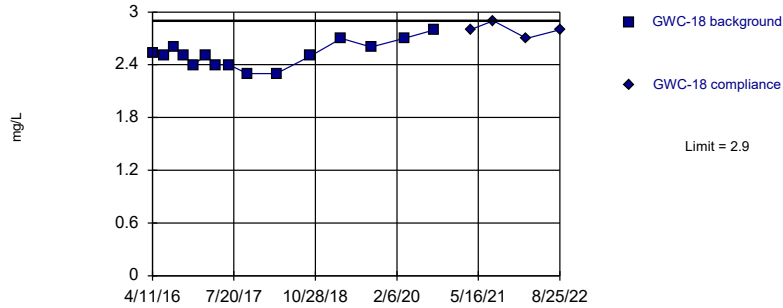


Background Data Summary: Mean=2.894, Std. Dev.=0.1784, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

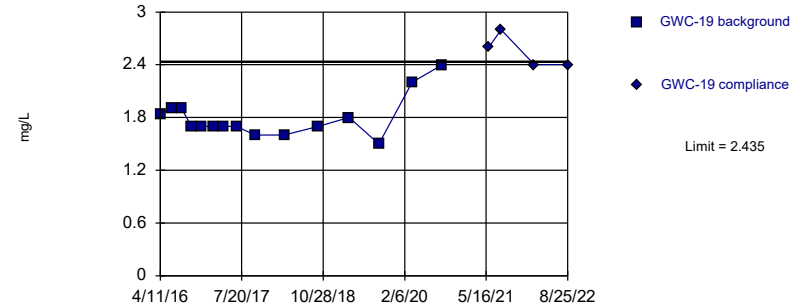


Background Data Summary: Mean=2.515, Std. Dev.=0.1457, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

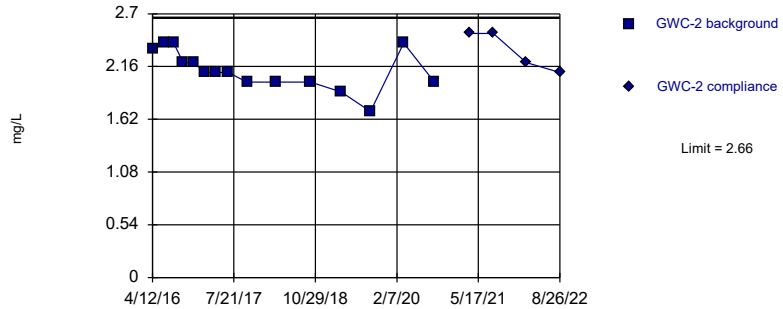


Background Data Summary (based on square root transformation): Mean=1.338, Std. Dev.=0.08444, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8543, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

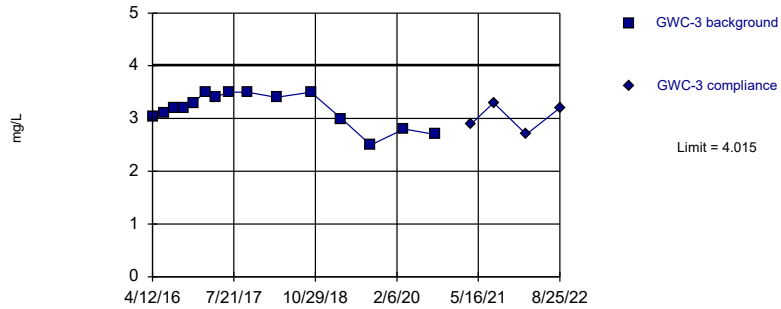
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

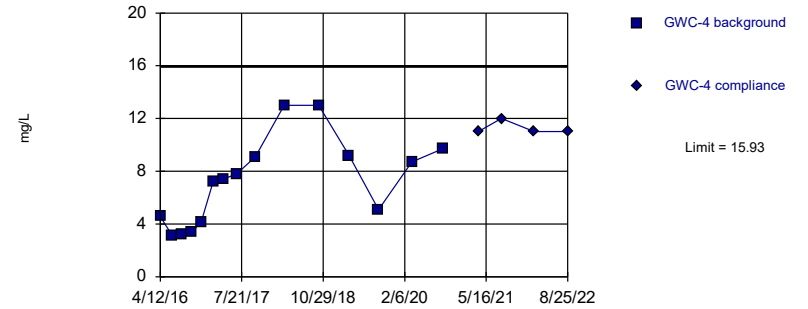


Background Data Summary: Mean=3.176, Std. Dev.=0.3181, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8971, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

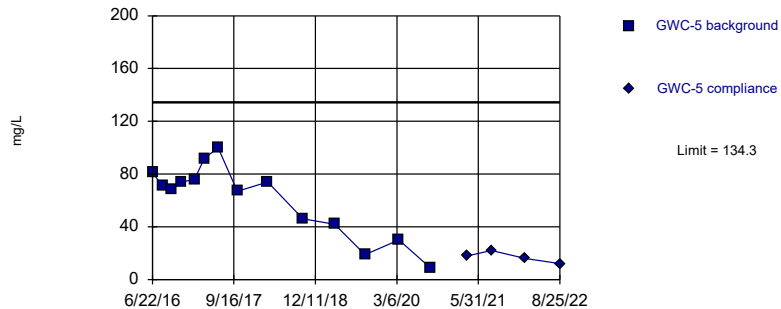


Background Data Summary: Mean=7.238, Std. Dev.=3.295, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.92, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

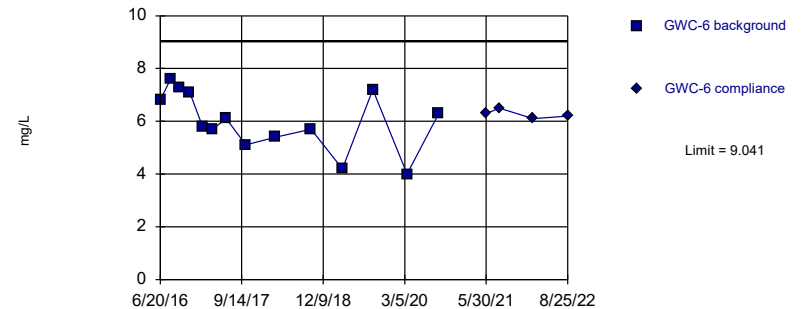


Background Data Summary: Mean=60.62, Std. Dev.=27.28, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9307, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

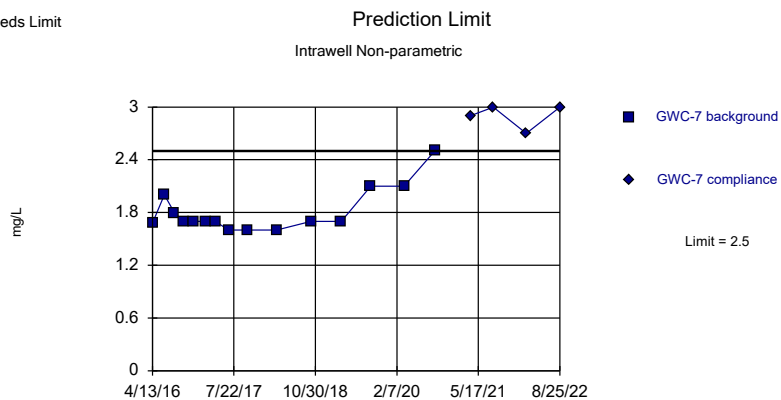
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.021, Std. Dev.=1.119, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9492, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

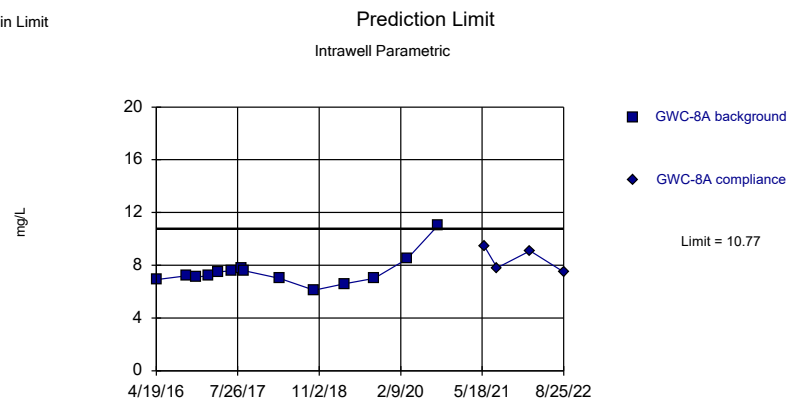
Exceeds Limit



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

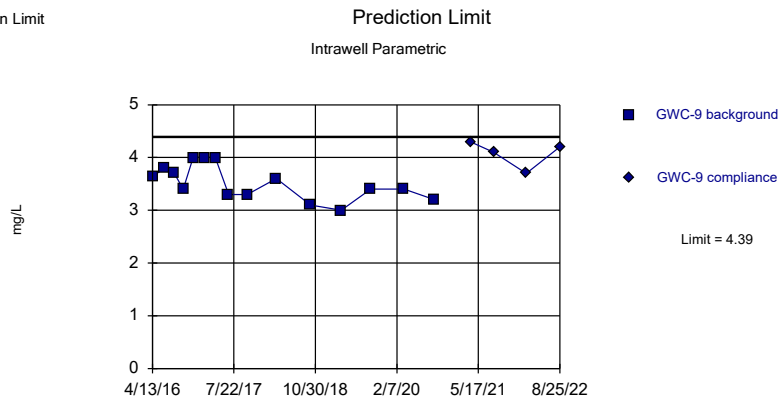
Within Limit



Background Data Summary (based on natural log transformation): Mean=2.006, Std. Dev.=0.1373, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8362, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

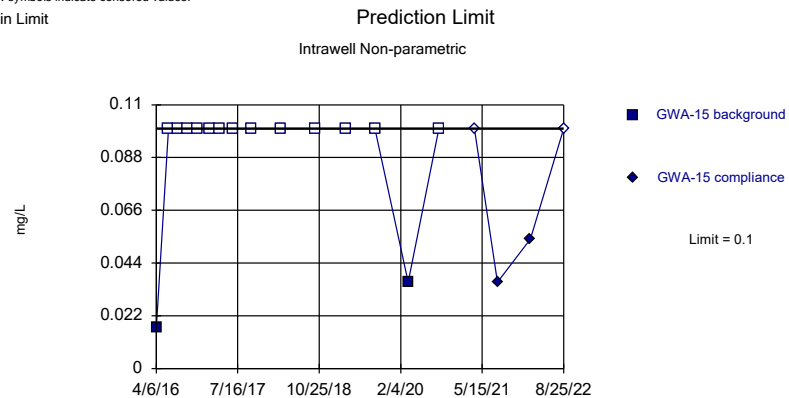
Within Limit



Background Data Summary: Mean=3.523, Std. Dev.=0.3286, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9365, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

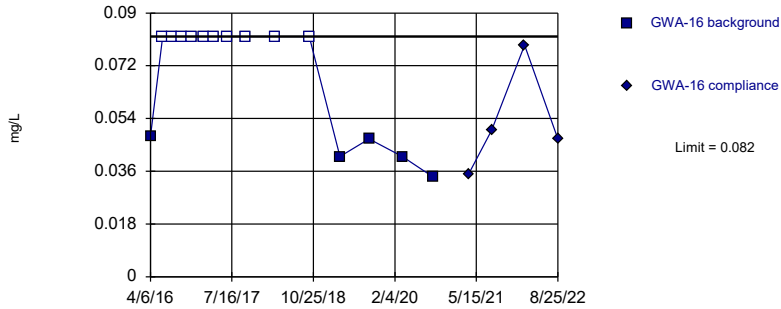


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

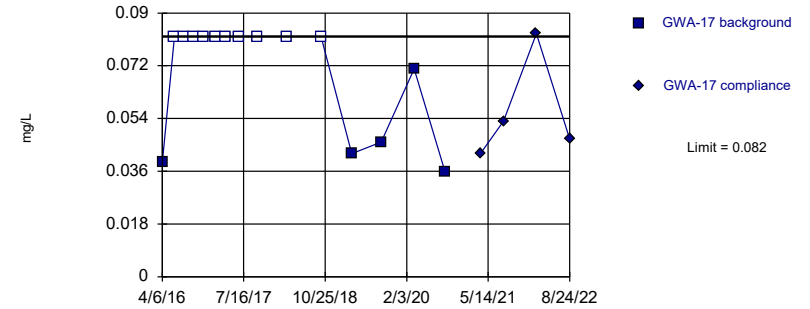


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

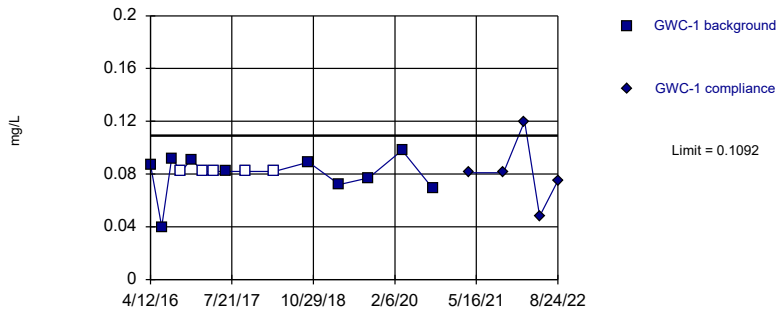


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

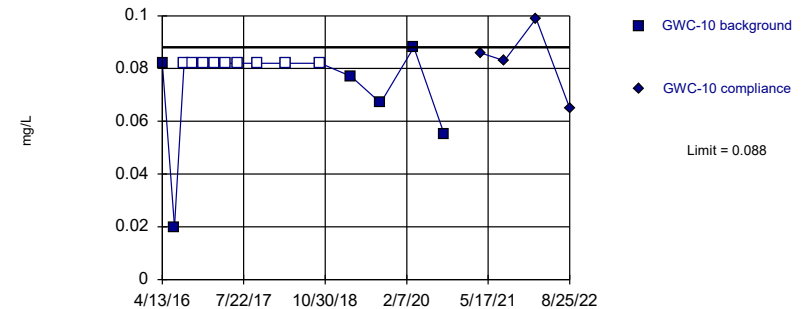


Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.005859, Std. Dev.=0.002297, n=15, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8926, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

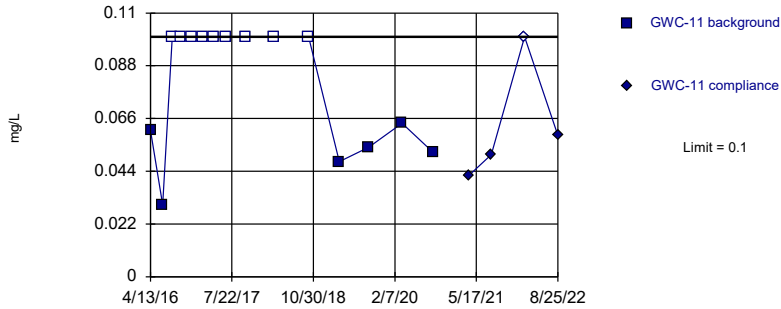


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

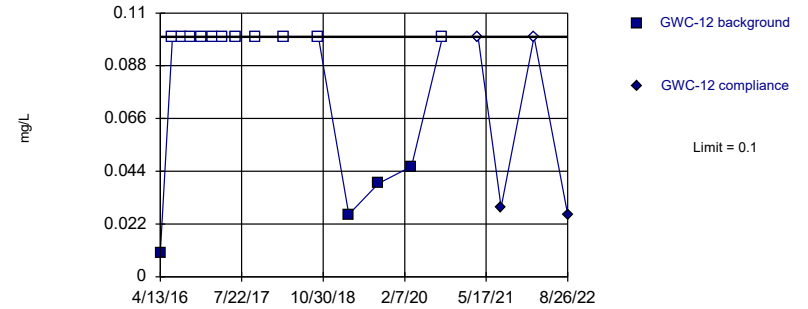


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

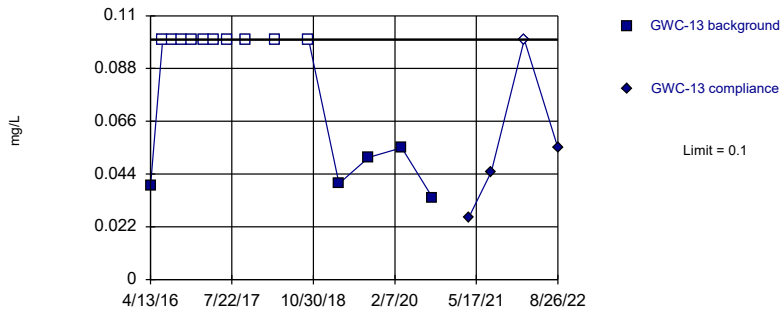


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:14 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

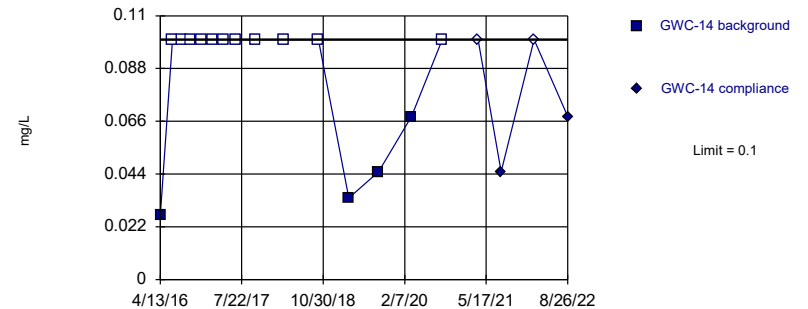


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

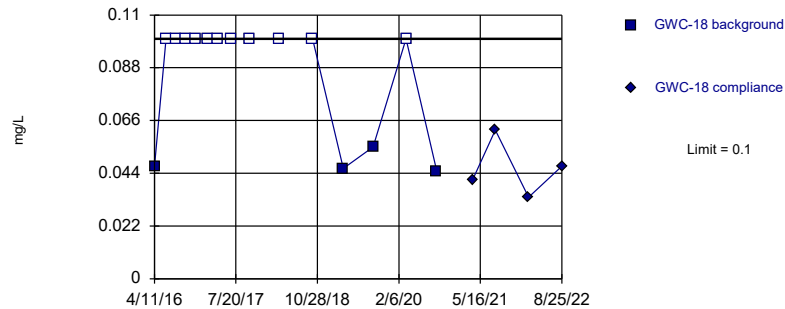


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

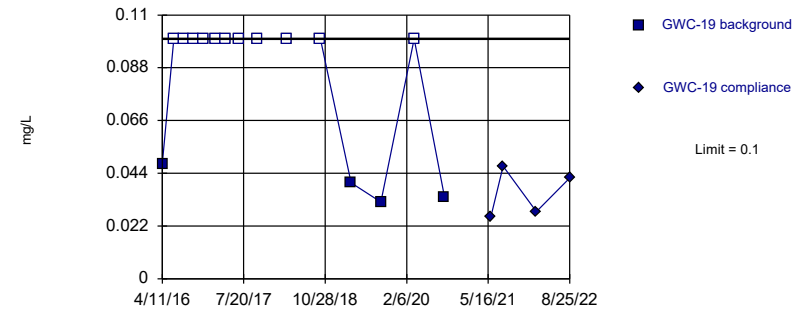


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

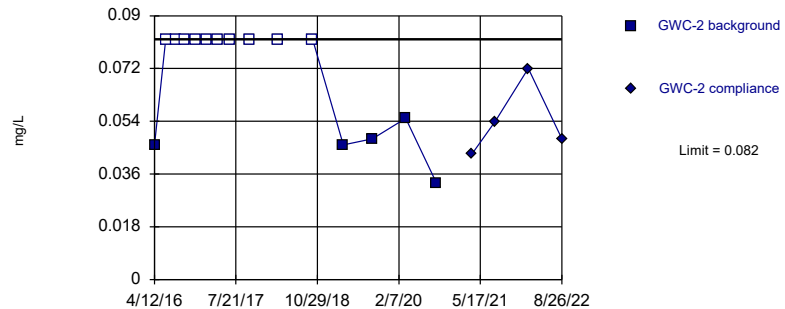


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

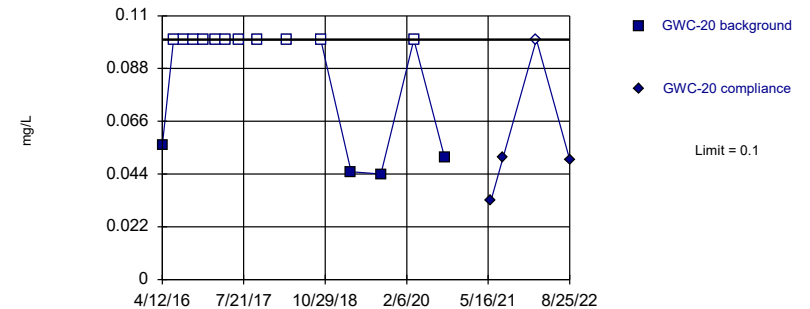


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

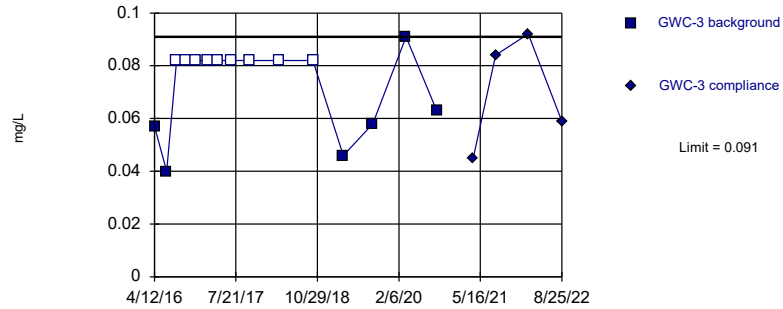


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

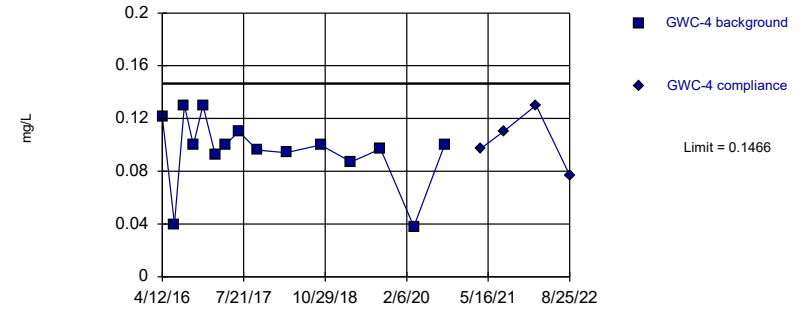


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

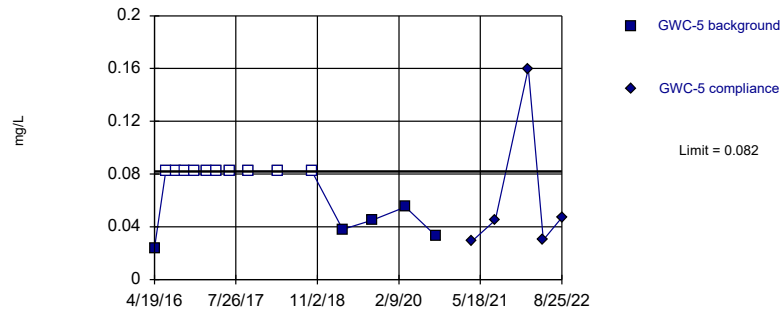


Background Data Summary (based on square transformation): Mean=0.009818, Std. Dev.=0.004428, n=15.
 Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.896, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

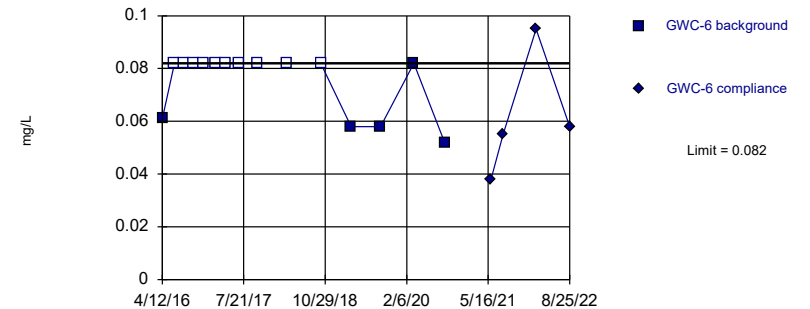


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

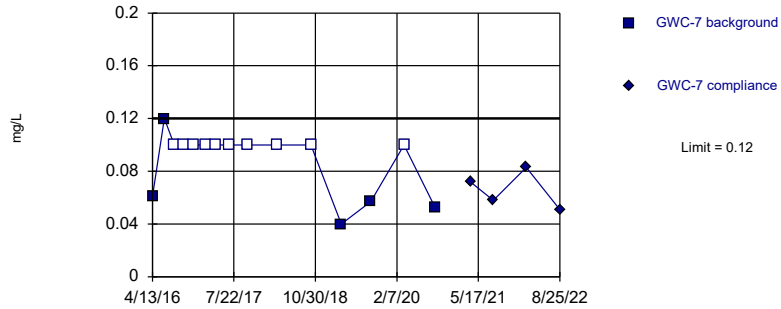


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

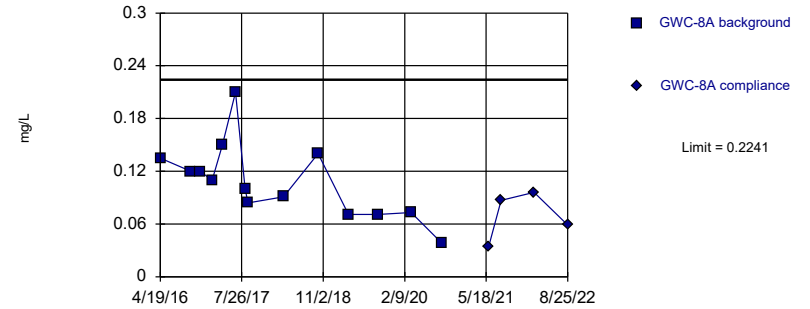


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

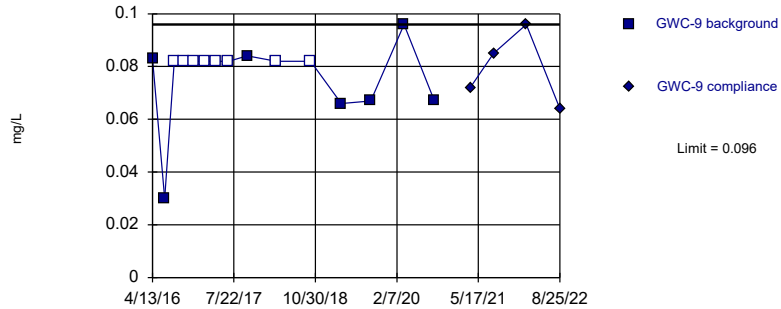


Background Data Summary: Mean=0.1081, Std. Dev.=0.04297, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.956, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

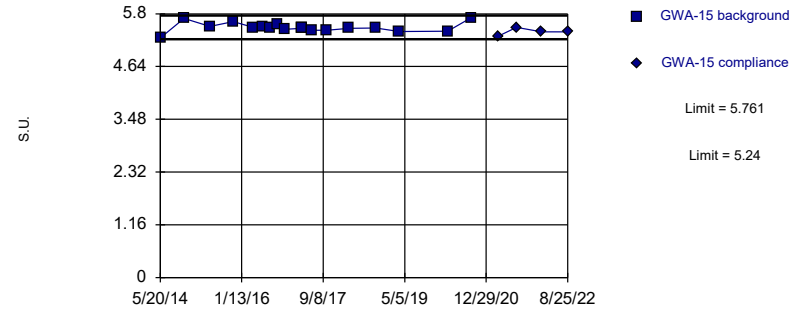


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 53.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

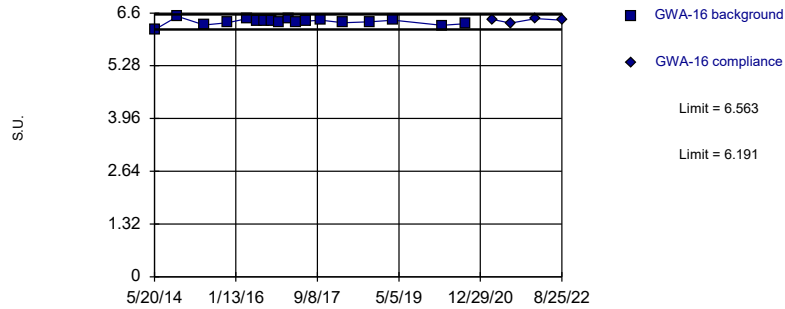


Background Data Summary: Mean=5.501, Std. Dev.=0.1037, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

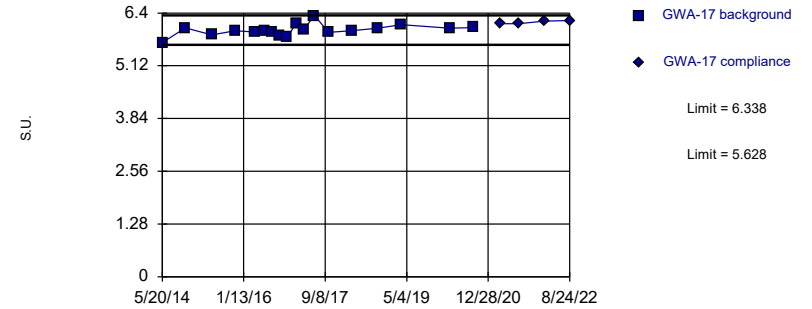


Background Data Summary: Mean=6.377, Std. Dev.=0.07404, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.945, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

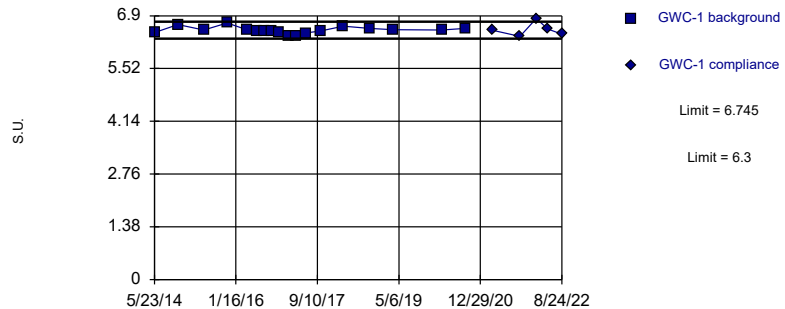


Background Data Summary: Mean=5.983, Std. Dev.=0.1415, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.957, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

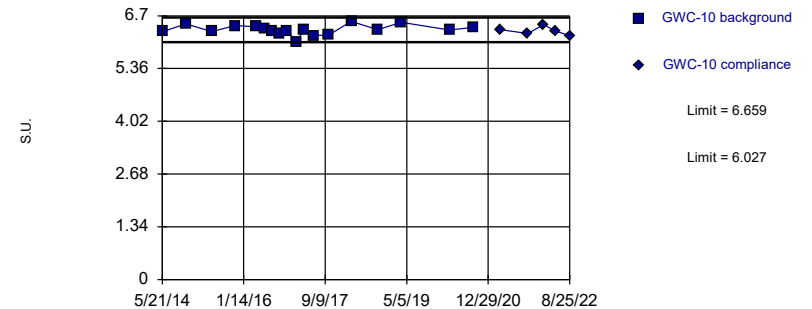


Background Data Summary: Mean=6.522, Std. Dev.=0.08869, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

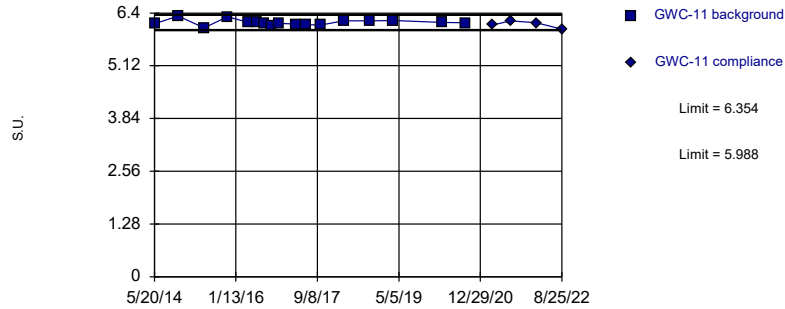


Background Data Summary: Mean=6.343, Std. Dev.=0.1259, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9699, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

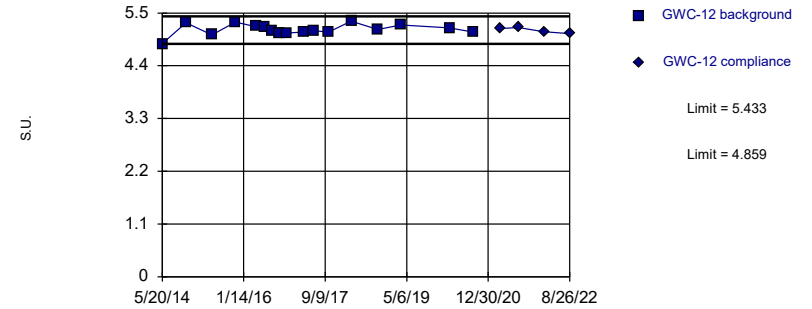


Background Data Summary: Mean=6.171, Std. Dev.=0.07184, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9396, critical = 0.851. Kappa = 2.543 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

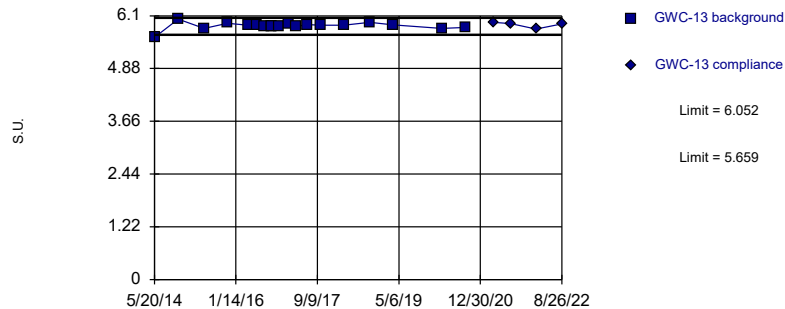


Background Data Summary: Mean=5.146, Std. Dev.=0.1143, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9429, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

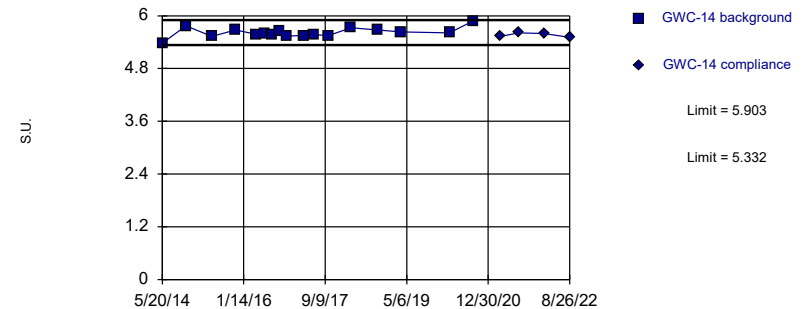


Background Data Summary (based on x^5 transformation): Mean=6960, Std. Dev.=466.8, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8633, critical = 0.863. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

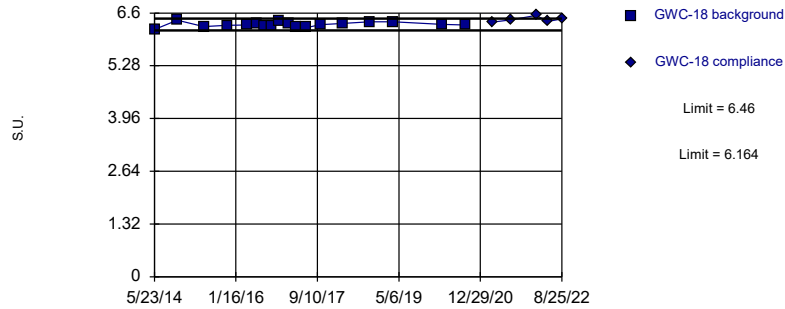


Background Data Summary: Mean=5.617, Std. Dev.=0.1122, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9492, critical = 0.851. Kappa = 2.543 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

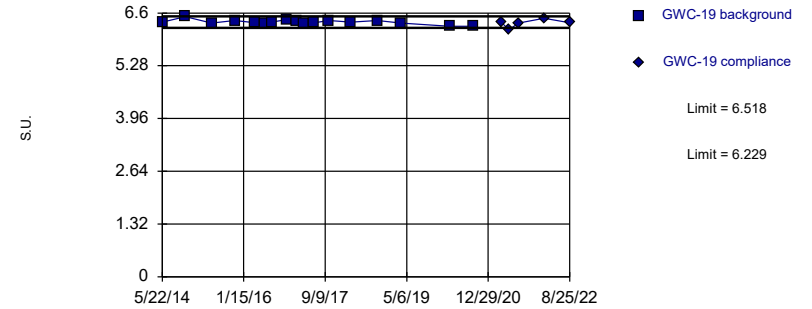


Background Data Summary: Mean=6.312, Std. Dev.=0.05897, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9854, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

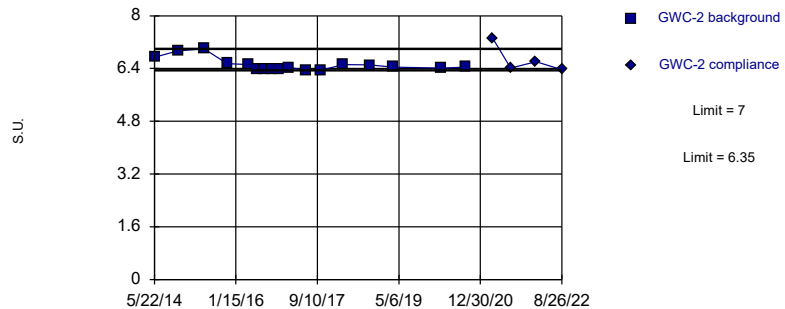


Background Data Summary: Mean=6.374, Std. Dev.=0.05689, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9161, critical = 0.851. Kappa = 2.543 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

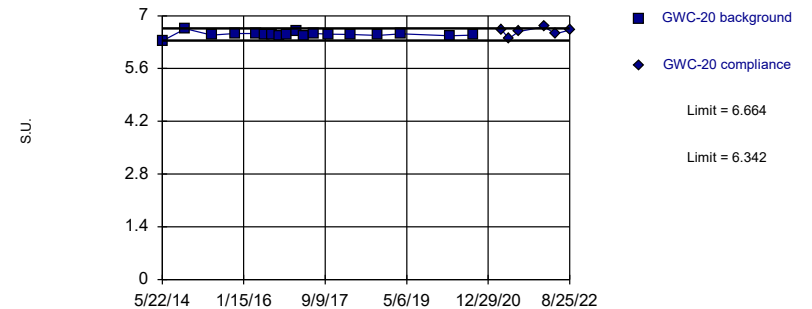


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

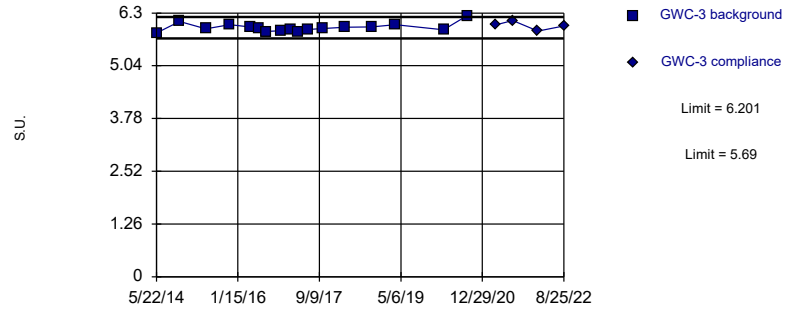


Background Data Summary: Mean=6.503, Std. Dev.=0.06408, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8614, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

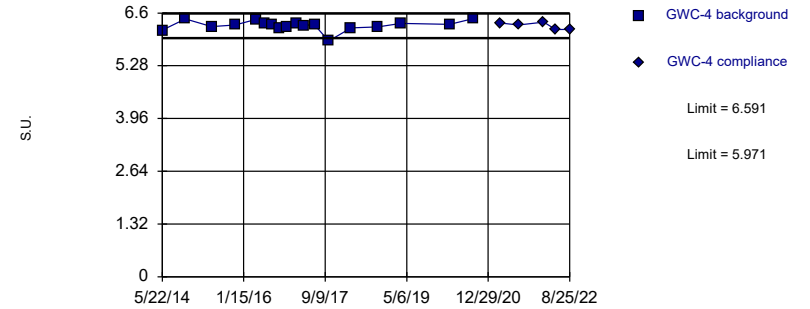


Background Data Summary: Mean=5.946, Std. Dev.=0.1019, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8758, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

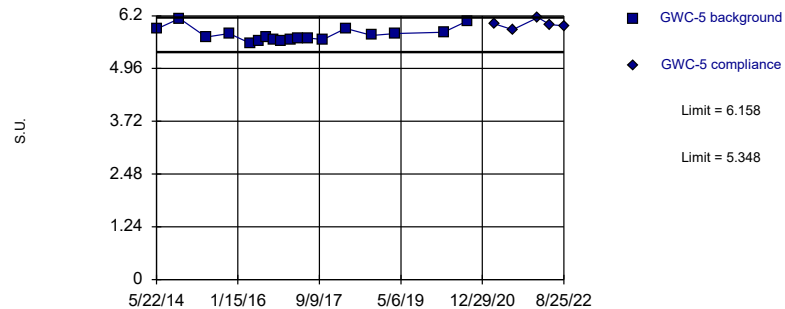


Background Data Summary (based on square transformation): Mean=39.54, Std. Dev.=1.551, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8631, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

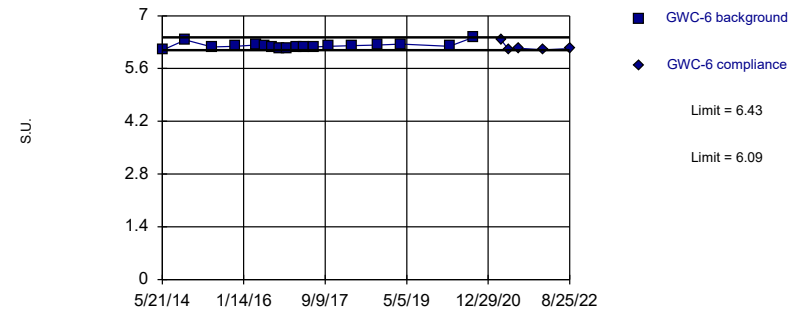


Background Data Summary: Mean=5.753, Std. Dev.=0.1613, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8787, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

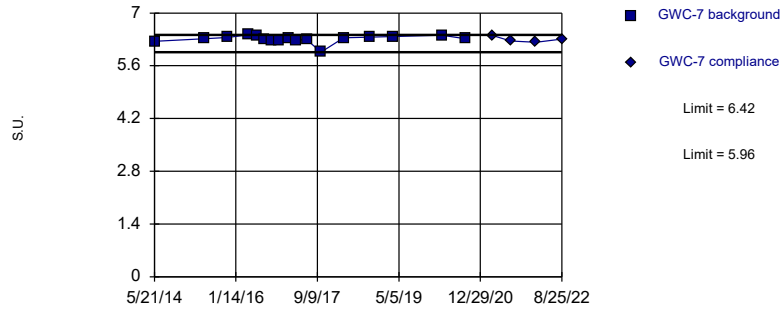


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 18 background values. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01075 (1 of 2).

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

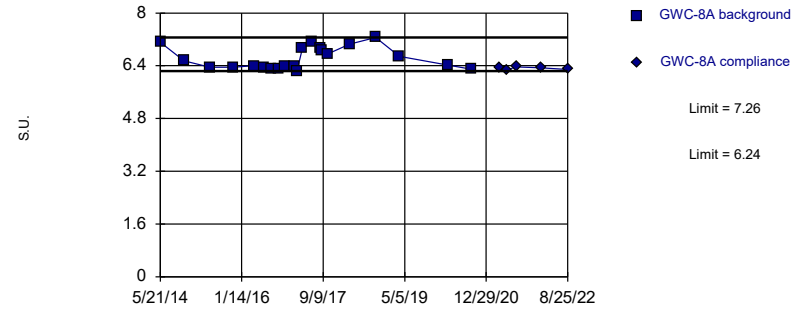


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

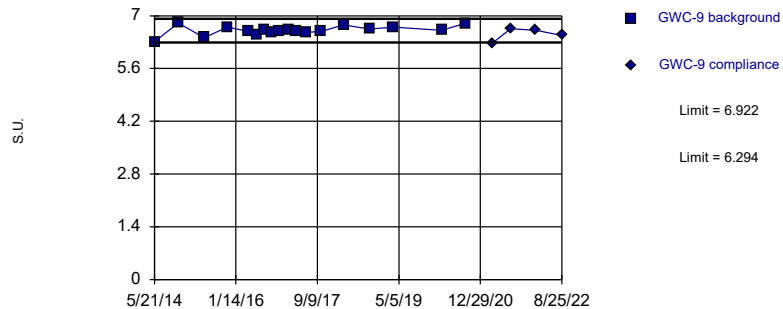


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 21 background values. Well-constituent pair annual alpha = 0.01596. Individual comparison alpha = 0.007998 (1 of 2).

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

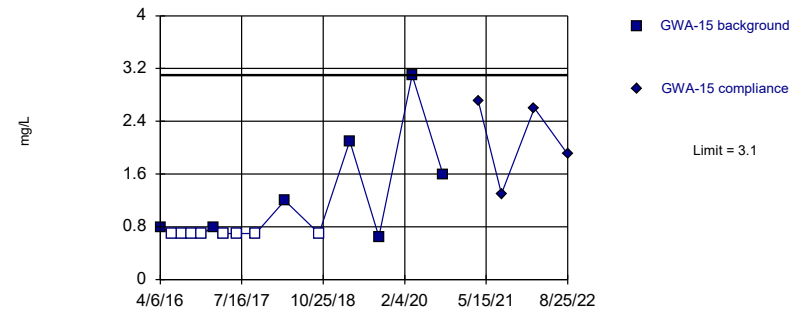


Background Data Summary: Mean=6.608, Std. Dev.=0.1251, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9528, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

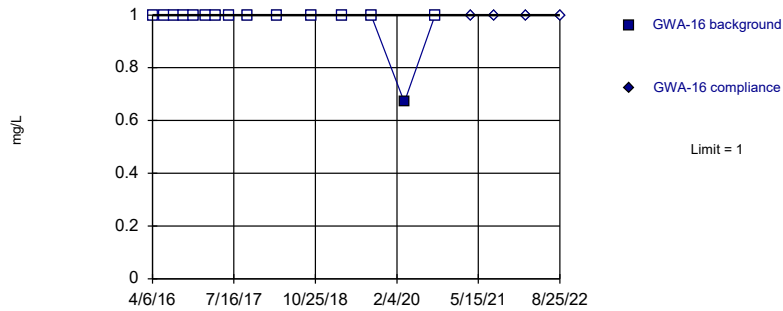


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 53.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

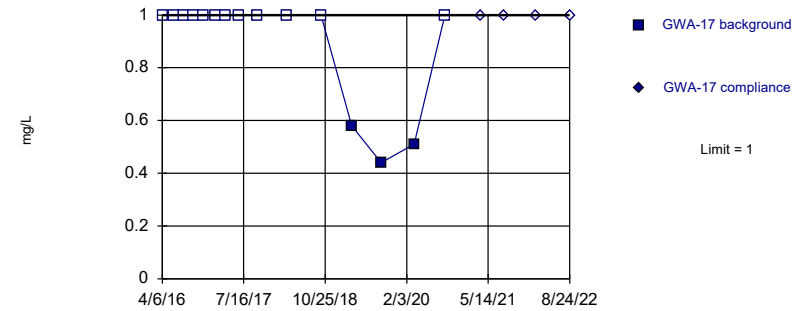


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

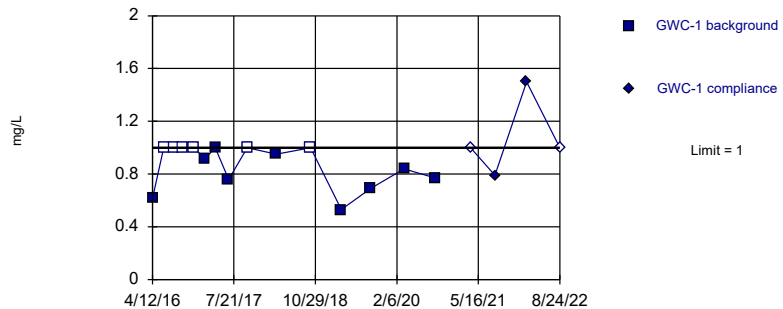


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

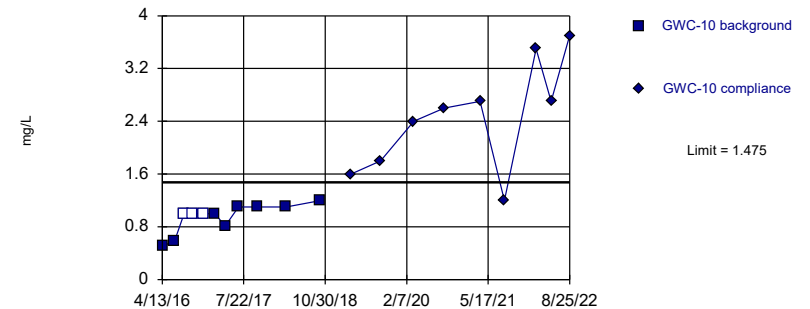


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. 40% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

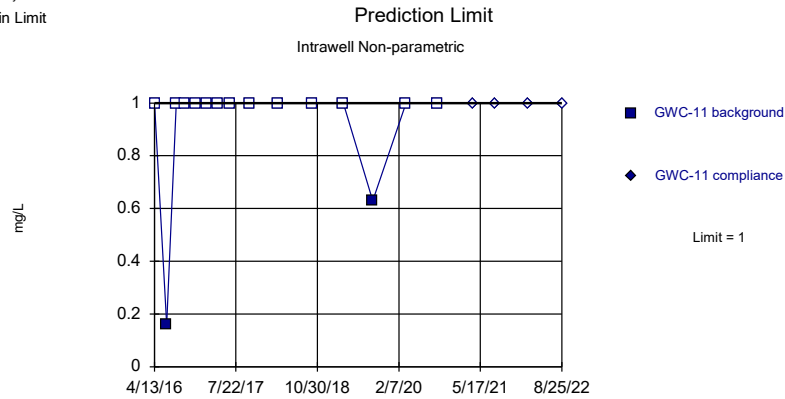
Prediction Limit
Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7701, Std. Dev.=0.2398, n=11, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8327, critical = 0.792. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

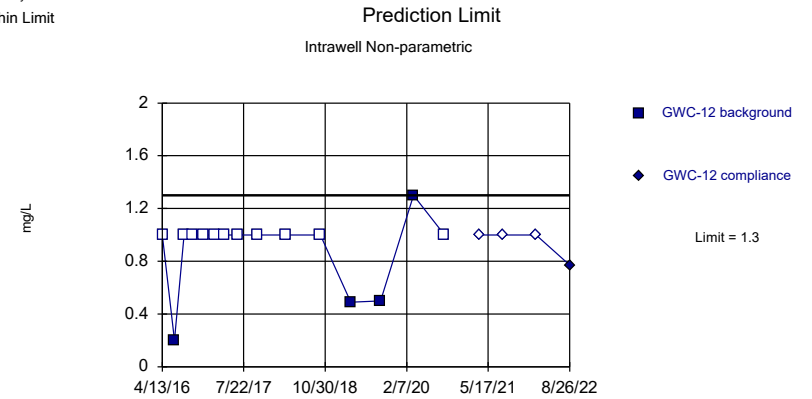
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

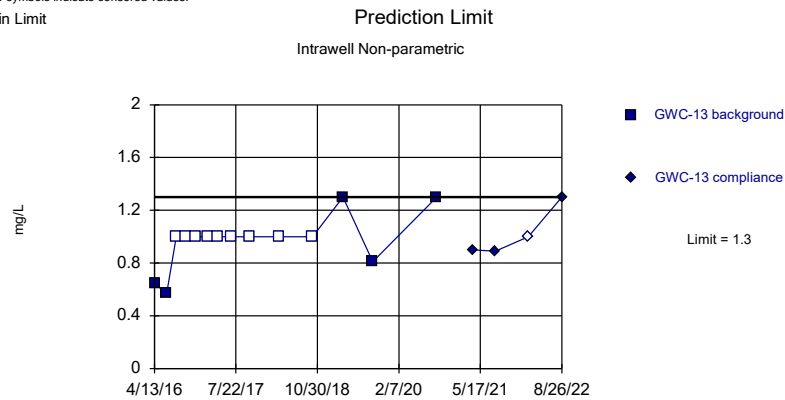
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

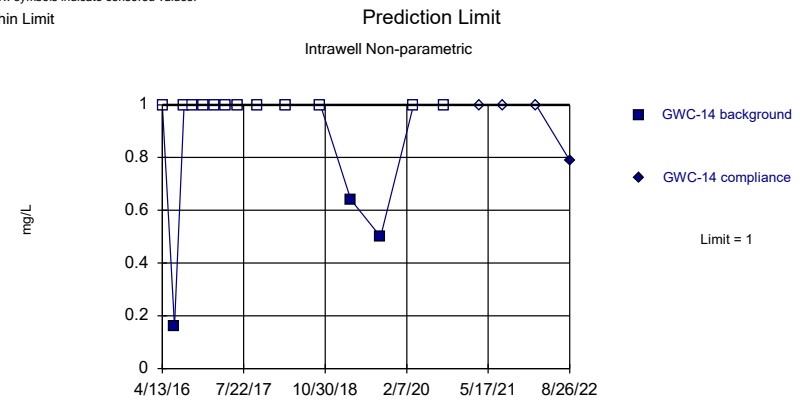
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

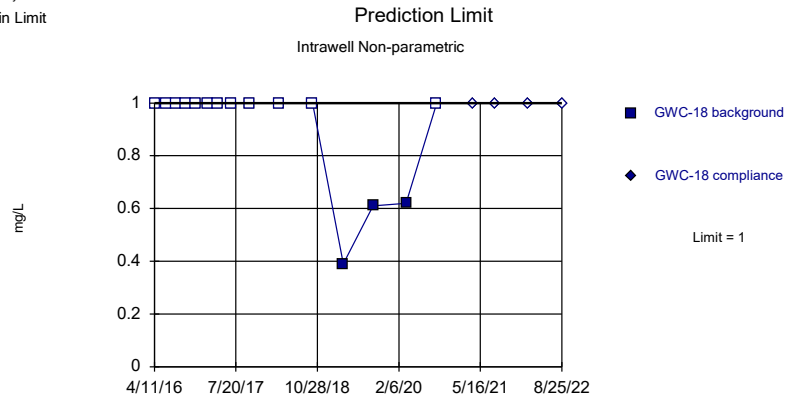
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

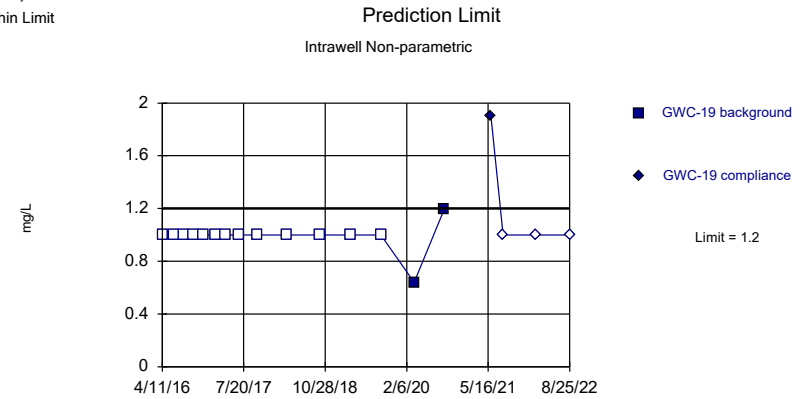
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

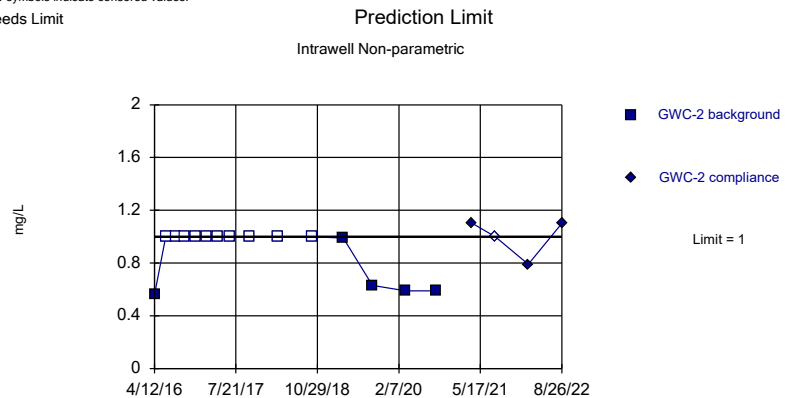
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

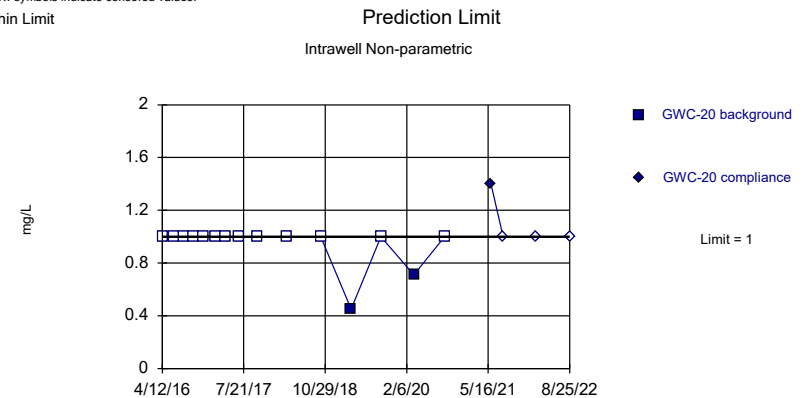
Exceeds Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

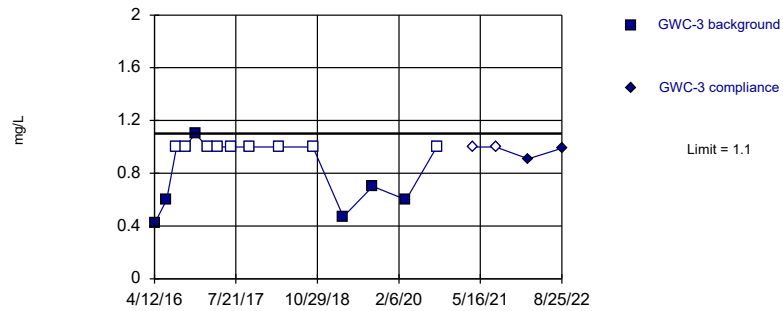


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

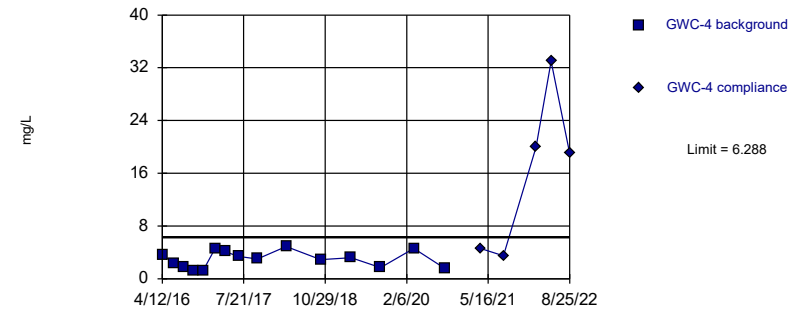


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

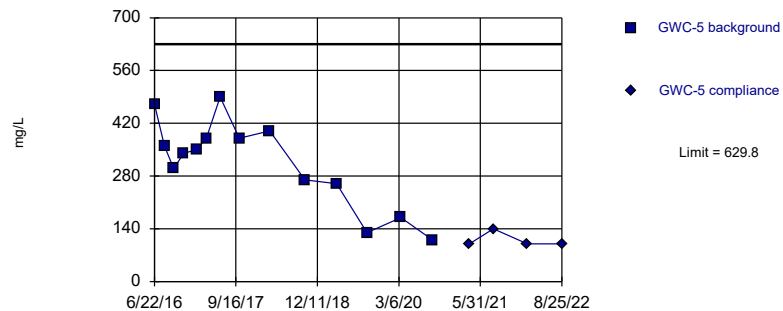


Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9294, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

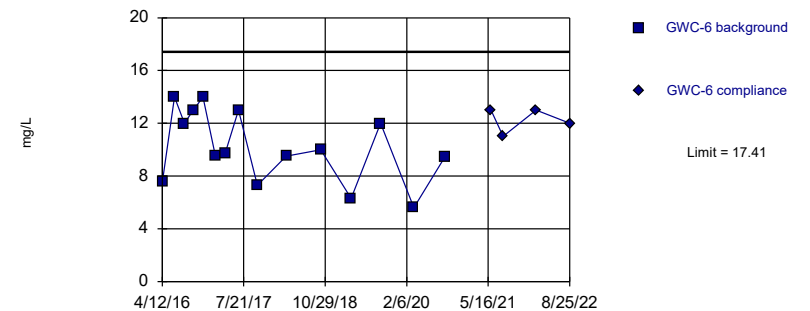


Background Data Summary: Mean=315, Std. Dev.=116.6, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9455, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

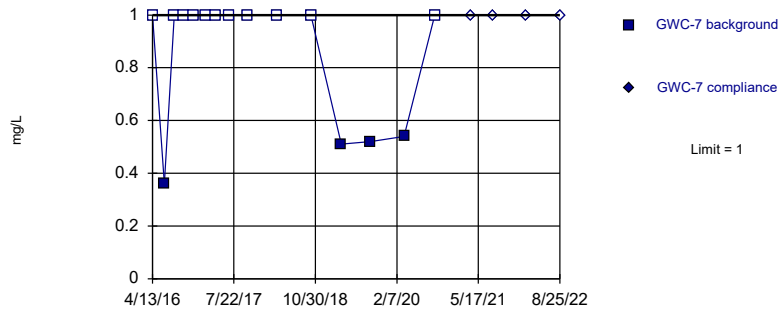


Background Data Summary: Mean=10.19, Std. Dev.=2.735, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

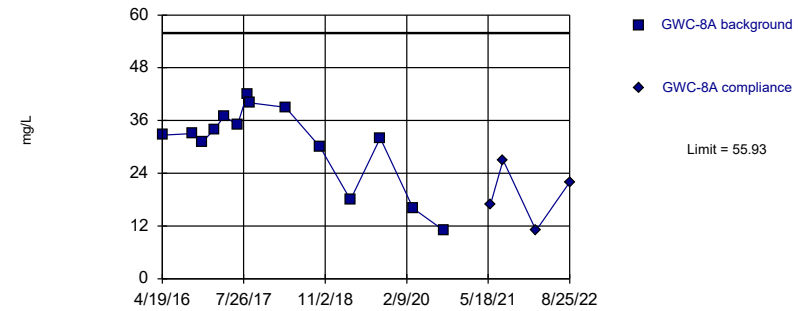


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

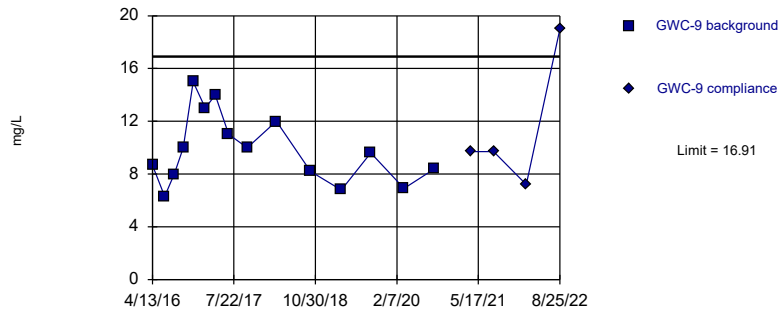


Background Data Summary: Mean=30.76, Std. Dev.=9.32, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8686, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

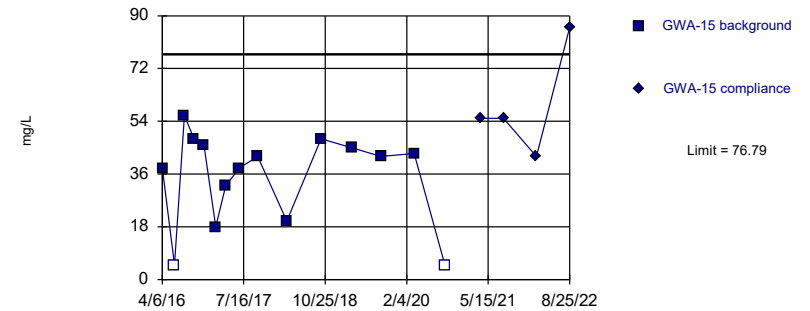


Background Data Summary: Mean=9.857, Std. Dev.=2.672, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9432, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

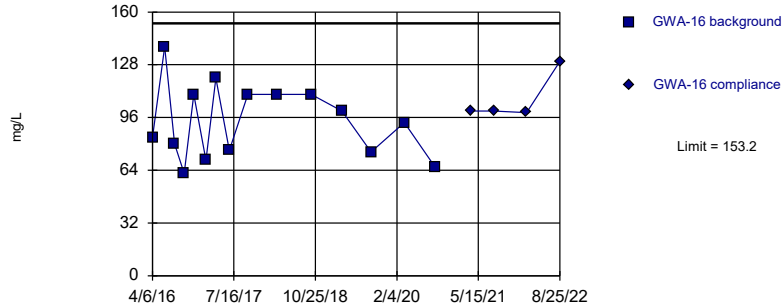


Background Data Summary: Mean=35.07, Std. Dev.=15.82, n=15, 13.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8705, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

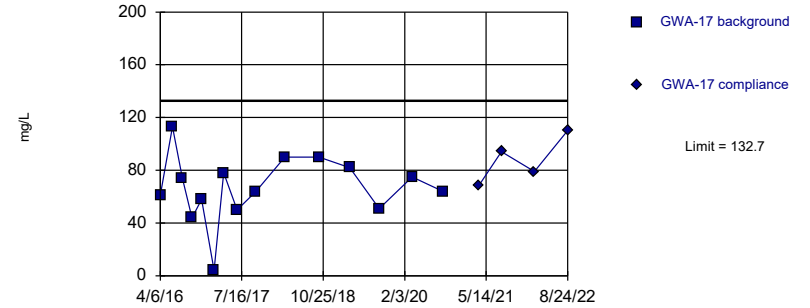


Background Data Summary: Mean=93.67, Std. Dev.=22.56, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9435, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

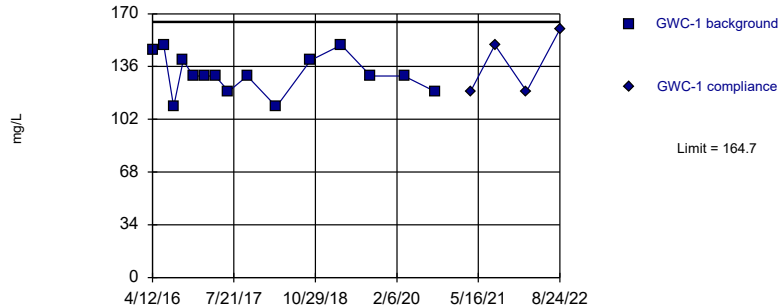


Background Data Summary: Mean=66.53, Std. Dev.=25.08, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9509, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

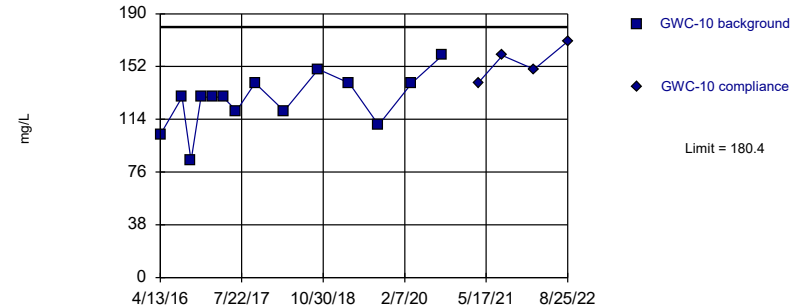


Background Data Summary: Mean=131.1, Std. Dev.=12.73, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9189, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

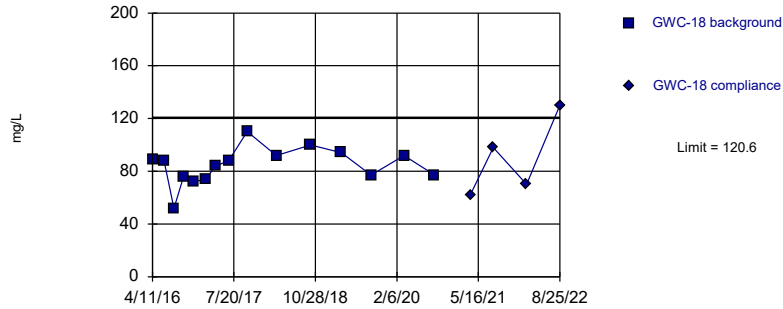


Background Data Summary: Mean=127.6, Std. Dev.=19.55, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9575, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

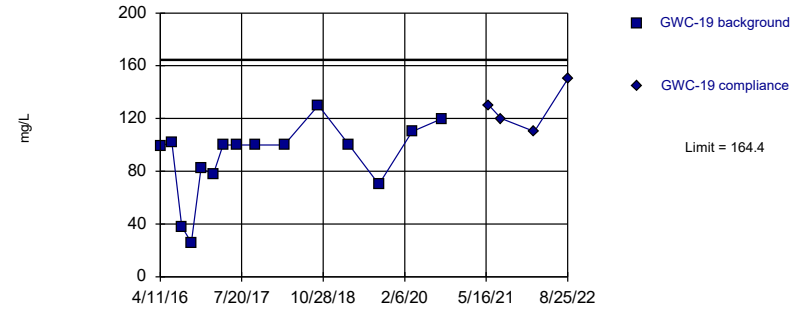


Background Data Summary: Mean=84.33, Std. Dev.=13.75, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9595, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 11/29/2022 5:15 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

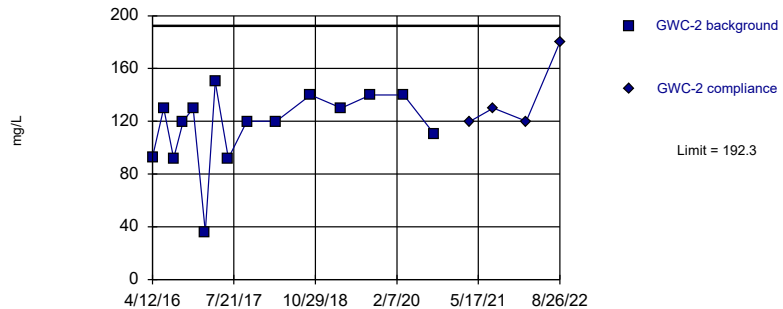


Background Data Summary: Mean=90.33, Std. Dev.=28.07, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8649, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 11/29/2022 5:16 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

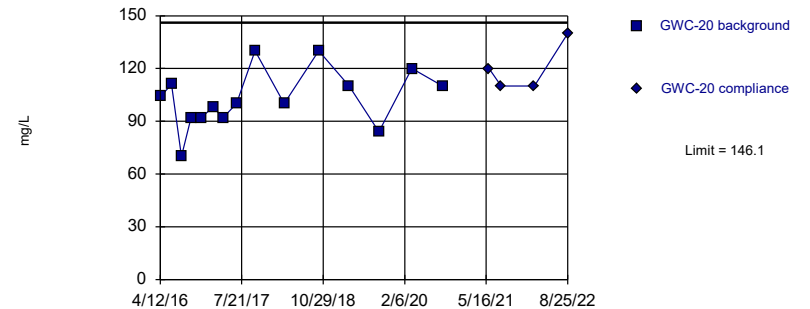


Background Data Summary: Mean=116.2, Std. Dev.=28.83, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8491, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 11/29/2022 5:16 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

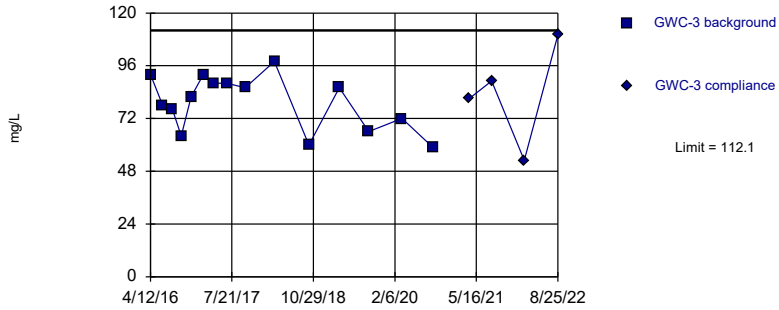


Background Data Summary: Mean=102.9, Std. Dev.=16.4, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9664, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 11/29/2022 5:16 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

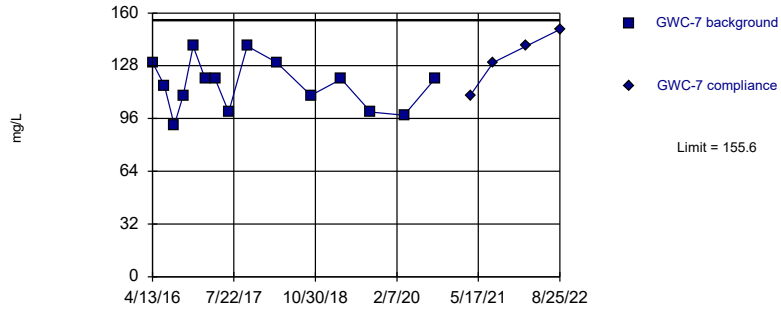
Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



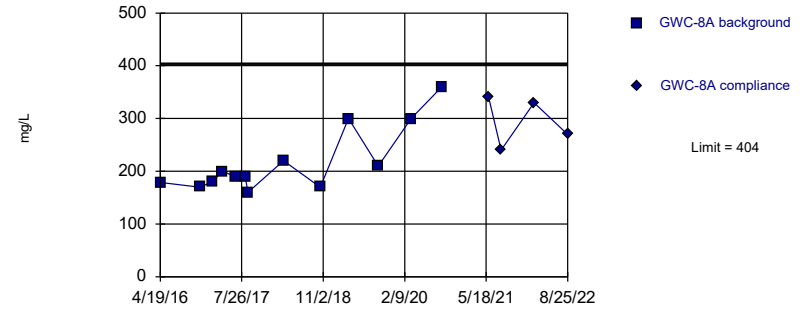
Background Data Summary: Mean=116.4, Std. Dev.=14.86, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9484, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 11/29/2022 5:16 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



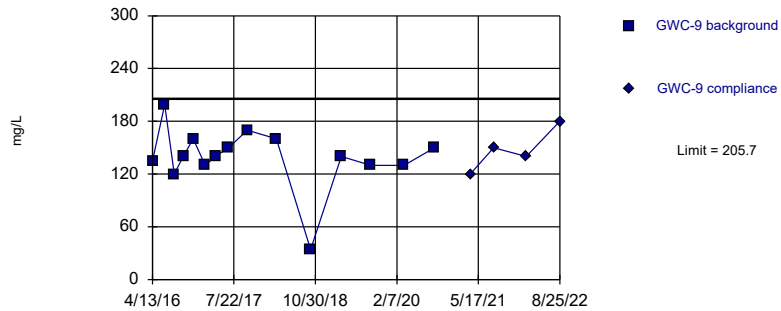
Background Data Summary (based on square root transformation): Mean=14.63, Std. Dev.=1.981, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8244, critical = 0.814. Kappa = 2.762 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 11/29/2022 5:16 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=20532, Std. Dev.=8252, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9148, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 11/29/2022 5:16 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	<0.08	
6/15/2016	0.0028 (J)	
8/10/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021		<0.08
8/11/2021		<0.08
2/15/2022		<0.08
8/24/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	<0.08	
6/16/2016	<0.08	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021		0.053 (J)
8/18/2021		<0.08
2/15/2022		<0.08
8/24/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	<0.08 (D)	
6/21/2016	<0.08	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021		<0.08
8/17/2021		<0.08
2/15/2022		<0.08
8/25/2022		0.11

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	<0.08 (D)	
6/21/2016	<0.08	
8/15/2016	<0.08	
10/7/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021		0.056 (J)
8/11/2021		<0.08
2/16/2022		<0.08
8/26/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	<0.08	
6/16/2016	<0.08	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/5/2021		<0.08
8/11/2021		<0.08
2/16/2022		<0.08
8/25/2022		0.12

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	<0.08 (D)	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021		0.078 (J)
8/12/2021		<0.08
2/15/2022		<0.08
8/25/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	<0.1	
6/22/2016	0.238	
8/16/2016	0.39	
10/6/2016	0.34	
12/1/2016	0.37	
2/9/2017	0.38	
4/6/2017	0.4	
6/21/2017	0.39	
10/5/2017	0.47	
3/22/2018	0.48	
10/3/2018	0.47	
3/27/2019	0.33	
9/11/2019	0.31	
3/18/2020	0.26	
9/9/2020	0.24	
4/1/2021		0.23
8/12/2021		0.19
2/15/2022		0.19
8/25/2022		0.19

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	<0.08	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/5/2021		0.042 (J)
8/11/2021		0.057 (J)
2/15/2022		<0.08
8/25/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	<0.08 (D)	
6/20/2016	<0.08	
8/15/2016	<0.08	
10/6/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/1/2021		<0.08
8/11/2021		0.056 (J)
2/15/2022		<0.08
8/25/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	0.145	
10/10/2016	0.12	
12/1/2016	0.12	
2/9/2017	0.13	
4/7/2017	0.21	
6/21/2017	0.23	
8/15/2017	0.27	
9/1/2017	0.24	
3/22/2018	0.25	
10/4/2018	0.21	
3/27/2019	0.16	
9/11/2019	0.21	
3/18/2020	0.16	
9/9/2020	0.13	
4/5/2021		0.18
8/12/2021		0.23
2/15/2022		0.13
8/25/2022		0.18

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	0.0774 (JD)	
6/22/2016	0.0663 (J)	
8/15/2016	0.093	
10/6/2016	0.096	
12/1/2016	0.12	
2/8/2017	0.094	
4/6/2017	0.11	
6/21/2017	0.1	
10/5/2017	0.083	
3/21/2018	0.089	
10/2/2018	0.083	
3/27/2019	0.067	
9/11/2019	0.083	
3/18/2020	0.058 (J)	
9/9/2020	0.088	
4/1/2021		0.059 (J)
8/12/2021		0.1
2/15/2022		0.07 (J)
8/25/2022		0.13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	3.62	
6/15/2016	4.5	
8/10/2016	3.8	
10/4/2016	5.3	
11/30/2016	4.7	
2/7/2017	3.8	
4/4/2017	3.8	
6/20/2017	4.1	
10/4/2017	4.6	
3/20/2018	4.2 (D)	
10/2/2018	4.2	
3/26/2019	4	
9/10/2019	4.8	
3/18/2020	3.8	
9/9/2020	4	
4/1/2021		4
8/11/2021		4.1
2/15/2022		3.6
8/25/2022		4.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	12.1	
6/15/2016	11.8	
8/10/2016	10	
10/4/2016	14	
11/29/2016	10	
2/7/2017	12	
4/4/2017	11	
6/20/2017	11	
10/5/2017	13	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/10/2019	12	
3/18/2020	12	
9/9/2020	11	
4/1/2021		12
8/11/2021		11
2/15/2022		10
8/25/2022		13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	6.58	
6/15/2016	6.9	
8/10/2016	5.5	
10/5/2016	6.8	
11/29/2016	4.8	
2/7/2017	7.8	
4/4/2017	6.4	
6/20/2017	7	
10/5/2017	6.6	
3/20/2018	6.6	
10/2/2018	5.8	
3/26/2019	6.7	
9/10/2019	7.5	
3/18/2020	7.3	
9/9/2020	7.3	
4/1/2021		7.8
8/11/2021		7.3
2/15/2022		7.1
8/24/2022		8.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	17.1	
6/16/2016	19.8	
8/11/2016	15	
10/4/2016	17	
11/30/2016	16	
2/7/2017	17	
4/5/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	16	
9/10/2019	17	
3/18/2020	19	
9/9/2020	17	
4/1/2021		18
8/18/2021		18
2/15/2022		16
8/24/2022		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	15.6 (D)	
6/21/2016	14.4	
8/15/2016	14	
10/5/2016	17	
12/1/2016	15	
2/8/2017	17	
4/6/2017	16	
6/21/2017	16 (D)	
10/5/2017	19	
3/21/2018	17	
10/2/2018	17	
3/27/2019	16	
9/11/2019	18	
3/18/2020	20	
9/9/2020	20	
4/1/2021		19
8/17/2021		18
2/15/2022		17
8/25/2022		20

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	12.8 (D)	
6/21/2016	11.6	
8/15/2016	11	
10/5/2016	14	
12/1/2016	12	
2/8/2017	13	
4/6/2017	12	
6/20/2017	13	
10/5/2017	14	
3/21/2018	13	
10/2/2018	12	
3/27/2019	12	
9/11/2019	13	
3/18/2020	14	
9/10/2020	13	
4/1/2021		13
8/11/2021		13
2/16/2022		12
8/25/2022		14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	1.18 (D)	
6/21/2016	1.12	
8/15/2016	0.95	
10/5/2016	1	
12/1/2016	0.92	
2/8/2017	1.2	
4/5/2017	1.1	
6/20/2017	0.96	
10/5/2017	1.1	
3/21/2018	1.3 (D)	
10/2/2018	0.86	
3/26/2019	1.1	
9/11/2019	0.94	
3/18/2020	1.6	
9/10/2020	1.1	
4/1/2021		1.2
8/11/2021		1
2/16/2022		1.1
8/26/2022		0.99

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	5.71 (D)	
6/21/2016	5.54	
8/15/2016	5.8	
10/7/2016	6.1	
12/1/2016	5.8	
2/9/2017	6.3	
4/6/2017	5.8	
6/22/2017	6.4 (D)	
10/6/2017	7.4	
3/22/2018	6.8	
10/3/2018	6.4	
3/26/2019	6.3	
9/11/2019	7	
3/18/2020	9.3	
9/10/2020	6.7	
4/6/2021		7.4
8/11/2021		6.7
2/16/2022		6.7
8/26/2022		7.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	6.55 (D)	
6/21/2016	6.04	
8/15/2016	5.9	
10/4/2016	6.6	
12/1/2016	5.4	
2/7/2017	6.1	
4/6/2017	6.1	
6/20/2017	6.6	
10/5/2017	7.2	
3/20/2018	6.6	
10/2/2018	6.5	
3/26/2019	6.4	
9/11/2019	7.3	
3/18/2020	6.9	
9/9/2020	6.5	
4/1/2021		6.2
8/11/2021		6.9
2/16/2022		6.3
8/26/2022		7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	10.5	
6/16/2016	11.6	
8/11/2016	10	
10/5/2016	11	
11/29/2016	9.6	
2/8/2017	10	
4/6/2017	9.7	
6/21/2017	9.7 (D)	
10/5/2017	11	
3/20/2018	11	
10/2/2018	9.6	
3/26/2019	9.6	
9/11/2019	10	
3/18/2020	11	
9/9/2020	10	
4/1/2021		11
8/11/2021		10
2/16/2022		9.7
8/25/2022		11

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10 (D)	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
10/7/2021		17
2/16/2022		15
8/25/2022		18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	17	
6/16/2016	19.7	
8/11/2016	15	
10/4/2016	18	
11/30/2016	16	
2/7/2017	18	
4/6/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	17	
9/10/2019	18	
3/18/2020	18	
9/9/2020	17	
4/1/2021		17
8/12/2021		17
2/15/2022		16
8/26/2022		18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	13.5	
6/16/2016	15	
8/11/2016	12	
10/5/2016	14	
11/30/2016	12	
2/8/2017	14	
4/6/2017	13	
6/21/2017	13 (D)	
10/5/2017	15	
3/21/2018	14	
10/3/2018	13	
3/26/2019	12	
9/12/2019	14	
3/19/2020	14	
9/10/2020	13	
4/5/2021		14
8/11/2021		14
2/16/2022		13
8/25/2022		15

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	8.52 (D)	
6/20/2016	7.7	
8/12/2016	7.3	
10/5/2016	8.4	
11/30/2016	8	
2/8/2017	9.3	
4/6/2017	8.1	
6/21/2017	9.2 (D)	
10/5/2017	10	
3/21/2018	9.3	
10/3/2018	7.5	
3/26/2019	7.3	
9/10/2019	6.6	
3/18/2020	5.9	
9/10/2020	6.3	
4/6/2021		7.4
8/12/2021		6.6
2/15/2022		6
8/25/2022		5.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13 (D)	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021		15
8/12/2021		13
2/15/2022		15
8/25/2022		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	198	
6/22/2016	132	
8/16/2016	94	
10/6/2016	100	
12/1/2016	100	
2/9/2017	120	
4/6/2017	140	
6/21/2017	160 (D)	
10/5/2017	130	
3/22/2018	130	
10/3/2018	88	
3/27/2019	75	
9/11/2019	46	
3/18/2020	61	
9/9/2020	35	
4/1/2021		40
8/12/2021		46
2/15/2022		36
8/25/2022		37

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	17.8	
6/20/2016	19.5	
8/12/2016	17	
10/6/2016	19	
11/30/2016	19	
2/9/2017	18	
4/6/2017	18	
6/21/2017	19 (D)	
10/6/2017	19	
3/21/2018	19	
10/3/2018	16	
3/26/2019	16	
9/11/2019	19	
3/18/2020	15	
9/10/2020	16	
4/5/2021		16
8/11/2021		16
2/15/2022		15
8/25/2022		19

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	14 (D)	
6/20/2016	13.8	
8/15/2016	13	
10/6/2016	14	
12/1/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14 (D)	
10/6/2017	16	
3/22/2018	15	
10/4/2018	13	
3/27/2019	14	
9/11/2019	14	
3/19/2020	15	
9/10/2020	15	
4/1/2021		15
8/11/2021		14
2/15/2022		13
8/25/2022		16

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	20	
10/10/2016	19	
12/1/2016	18	
2/9/2017	20	
4/7/2017	27	
6/21/2017	27 (D)	
8/15/2017	29	
9/1/2017	32	
3/22/2018	30	
10/4/2018	37	
3/27/2019		47
9/11/2019		37
3/18/2020		53
9/9/2020		64
4/5/2021		52
8/12/2021		37
2/15/2022		49
8/25/2022		39

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	18 (D)	
6/22/2016	16.7	
8/15/2016	16	
10/6/2016	17	
12/1/2016	17	
2/8/2017	18	
4/6/2017	17	
6/21/2017	17 (D)	
10/5/2017	19	
3/21/2018	19	
10/2/2018	16	
3/27/2019	16	
9/11/2019	17	
3/18/2020	16	
9/9/2020	16	
4/1/2021		16
8/12/2021		18
2/15/2022		16
8/25/2022		21

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	5.342	
6/15/2016	5.2	
8/10/2016	5.5	
10/4/2016	5.4	
11/30/2016	5.4	
2/7/2017	5.1	
4/4/2017	5.1	
6/20/2017	5.2	
10/4/2017	5.2	
3/20/2018	5.6 (D)	
10/2/2018	6.3	
3/26/2019	5.5	
9/10/2019	5.2	
3/18/2020	5.4	
9/9/2020	6.1	
4/1/2021		7
8/11/2021		7.2
2/15/2022		6.5
8/25/2022		6.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	1.789	
6/15/2016	2.1	
8/10/2016	1.8	
10/4/2016	1.7	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.6	
6/20/2017	1.6	
10/5/2017	1.5	
3/20/2018	1.5	
10/2/2018	1.6	
3/26/2019	1.5	
9/10/2019	1.4	
3/18/2020	1.7	
9/9/2020	1.6	
4/1/2021		1.8
8/11/2021		1.8
2/15/2022		1.6
8/25/2022		1.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	1.69	
6/15/2016	1.9	
8/10/2016	1.7	
10/5/2016	1.6	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.5	
6/20/2017	1.5	
10/5/2017	1.5	
3/20/2018	1.4	
10/2/2018	1.5	
3/26/2019	1.3	
9/10/2019	1.3	
3/18/2020	2	
9/9/2020	1.3	
4/1/2021		1.5
8/11/2021		1.4
2/15/2022		1.4
8/24/2022		1.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:17 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	4.32	
6/16/2016	3.8	
8/11/2016	4	
10/4/2016	3.6	
11/30/2016	3.8	
2/7/2017	4.3	
4/5/2017	4.1	
6/20/2017	3.9	
10/4/2017	3.6	
3/20/2018	3.9	
10/2/2018	3.7	
3/26/2019	3.6	
9/10/2019	2.9	
3/18/2020	4.2	
9/9/2020	3.9	
4/1/2021		4.2
8/18/2021		4
2/15/2022		4
8/24/2022		3.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	2.04 (D)	
6/21/2016	2.2	
8/15/2016	2.2	
10/5/2016	2.1	
12/1/2016	2.1	
2/8/2017	2.3	
4/6/2017	2.2	
6/21/2017	2.3	
10/5/2017	2.3	
3/21/2018	2.3	
10/2/2018	2.6	
3/27/2019	2.4	
9/11/2019	2.9	
3/18/2020	4.1	
9/9/2020	4.3	
4/1/2021		4.4
8/17/2021		3.1
2/15/2022		4.6
8/25/2022		5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	1.78 (D)	
6/21/2016	2	
8/15/2016	1.9	
10/5/2016	1.8	
12/1/2016	1.8	
2/8/2017	1.8	
4/6/2017	1.7	
6/20/2017	1.7	
10/5/2017	1.7	
3/21/2018	1.6	
10/2/2018	1.7	
3/27/2019	1.5	
9/11/2019	1.8	
3/18/2020	1.9	
9/10/2020	1.9	
4/1/2021		1.9
8/11/2021		1.8
2/16/2022		1.7
8/25/2022		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Inrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	1.8 (D)	
6/21/2016	2	
8/15/2016	1.8	
10/5/2016	1.7	
12/1/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/20/2017	1.6	
10/5/2017	1.6	
3/21/2018	1.6 (D)	
10/2/2018	1.6	
3/26/2019	1.7	
9/11/2019	1.9	
3/18/2020	2.1	
9/10/2020	1.8	
4/1/2021		2
8/11/2021		1.8
2/16/2022		1.9
8/26/2022		1.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	1.82 (D)	
6/21/2016	1.9	
8/15/2016	1.6	
10/7/2016	1.5	
12/1/2016	1.4	
2/9/2017	1.5	
4/6/2017	1.4	
6/22/2017	1.5	
10/6/2017	1.3	
3/22/2018	1.4	
10/3/2018	1.5	
3/26/2019	1.6	
9/11/2019	1.5	
3/18/2020	1.6	
9/10/2020	1.7	
4/6/2021		1.8
8/11/2021		1.6
2/16/2022		1.5
8/26/2022		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	2.71 (D)	
6/21/2016	3	
8/15/2016	3.1	
10/4/2016	3	
12/1/2016	3.1	
2/7/2017	2.9	
4/6/2017	2.7	
6/20/2017	2.9	
10/5/2017	2.8	
3/20/2018	2.7	
10/2/2018	3	
3/26/2019	2.5	
9/11/2019	3.1	
3/18/2020	3	
9/9/2020	2.9	
4/1/2021		3.8
8/11/2021		3.7
2/16/2022		3.2
8/26/2022		3.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	2.53	
6/16/2016	2.5	
8/11/2016	2.6	
10/5/2016	2.5	
11/29/2016	2.4	
2/8/2017	2.5	
4/6/2017	2.4	
6/21/2017	2.4	
10/5/2017	2.3	
3/20/2018	2.3	
10/2/2018	2.5	
3/26/2019	2.7	
9/11/2019	2.6	
3/18/2020	2.7	
9/9/2020	2.8	
4/1/2021		2.8
8/11/2021		2.9
2/16/2022		2.7
8/25/2022		2.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	1.84	
6/16/2016	1.9	
8/11/2016	1.9	
10/5/2016	1.7	
11/29/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/21/2017	1.7	
10/5/2017	1.6	
3/20/2018	1.6	
10/2/2018	1.7	
3/26/2019	1.8	
9/12/2019	1.5	
3/19/2020	2.2	
9/9/2020	2.4	
6/1/2021		2.6
8/11/2021		2.8
2/16/2022		2.4
8/25/2022		2.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	2.34	
6/16/2016	2.4	
8/11/2016	2.4	
10/4/2016	2.2	
11/30/2016	2.2	
2/7/2017	2.1	
4/6/2017	2.1	
6/20/2017	2.1	
10/4/2017	2	
3/20/2018	2	
10/2/2018	2	
3/26/2019	1.9	
9/10/2019	1.7	
3/18/2020	2.4	
9/9/2020	2	
4/1/2021		2.5
8/12/2021		2.5
2/15/2022		2.2
8/26/2022		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	2.03	
6/16/2016	2.2	
8/11/2016	2.1	
10/5/2016	1.9	
11/30/2016	2	
2/8/2017	2	
4/6/2017	<1	
6/21/2017	1.9	
10/5/2017	1.9	
3/21/2018	1.8	
10/3/2018	2	
3/26/2019	1.9	
9/12/2019	1.6	
3/19/2020	2.2	
9/10/2020	2.1	
6/1/2021		2.1
8/11/2021		2.1
2/16/2022		2
8/25/2022		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	3.04 (D)	
6/20/2016	3.1	
8/16/2016	3.2	
10/5/2016	3.2	
11/30/2016	3.3	
2/8/2017	3.5	
4/6/2017	3.4	
6/21/2017	3.5	
10/5/2017	3.5	
3/21/2018	3.4	
10/3/2018	3.5	
3/26/2019	3	
9/10/2019	2.5	
3/18/2020	2.8	
9/10/2020	2.7	
4/6/2021		2.9
8/12/2021		3.3
2/15/2022		2.7
8/25/2022		3.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021		11
8/12/2021		12
2/15/2022		11
8/25/2022		11

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	124 (o)	
6/22/2016	81	
8/16/2016	71	
10/6/2016	68	
12/1/2016	74	
2/9/2017	76	
4/6/2017	92	
6/21/2017	100	
10/5/2017	67	
3/22/2018	74	
10/3/2018	46	
3/27/2019	42	
9/11/2019	19	
3/18/2020	30	
9/9/2020	8.7	
4/1/2021		18
8/12/2021		22
2/15/2022		16
8/25/2022		12

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
6/20/2016	6.8	
8/16/2016	7.6	
10/6/2016	7.3	
11/30/2016	7.1	
2/9/2017	5.8	
4/6/2017	5.7	
6/21/2017	6.1	
10/6/2017	5.1	
3/21/2018	5.4	
10/3/2018	5.7	
3/26/2019	4.2	
9/11/2019	7.2	
3/18/2020	4	
9/10/2020	6.3	
6/2/2021		6.3
8/11/2021		6.5
2/15/2022		6.1
8/25/2022		6.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	1.68 (D)	
6/20/2016	2	
8/15/2016	1.8	
10/6/2016	1.7	
12/1/2016	1.7	
2/9/2017	1.7	
4/7/2017	1.7	
6/22/2017	1.6	
10/6/2017	1.6	
3/22/2018	1.6	
10/4/2018	1.7	
3/27/2019	1.7	
9/11/2019	2.1	
3/19/2020	2.1	
9/10/2020	2.5	
4/1/2021		2.9
8/11/2021		3
2/15/2022		2.7
8/25/2022		3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	6.9	
10/10/2016	7.2	
12/1/2016	7.1	
2/9/2017	7.2	
4/7/2017	7.5	
6/21/2017	7.6	
8/15/2017	7.8	
9/1/2017	7.6	
3/22/2018	7	
10/4/2018	6.1	
3/27/2019	6.6	
9/11/2019	7	
3/18/2020	8.5	
9/9/2020	11	
6/1/2021		9.4
8/12/2021		7.8
2/15/2022		9.1
8/25/2022		7.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	3.64 (D)	
6/22/2016	3.8	
8/15/2016	3.7	
10/6/2016	3.4	
12/1/2016	4	
2/8/2017	4	
4/6/2017	4	
6/21/2017	3.3	
10/5/2017	3.3	
3/21/2018	3.6	
10/2/2018	3.1	
3/27/2019	3	
9/11/2019	3.4	
3/18/2020	3.4	
9/9/2020	3.2	
4/1/2021		4.3
8/12/2021		4.1
2/15/2022		3.7
8/25/2022		4.2

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	0.017 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/4/2016	<0.1	
11/30/2016	<0.1	
2/7/2017	<0.1	
4/4/2017	<0.1	
6/20/2017	<0.1	
10/4/2017	<0.1	
3/20/2018	<0.1 (D)	
10/2/2018	<0.1	
3/26/2019	<0.1	
9/10/2019	<0.1	
3/18/2020	0.036 (J)	
9/9/2020	<0.1	
4/1/2021		<0.1
8/11/2021		0.036 (J)
2/15/2022		0.054 (J)
8/25/2022		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	0.048 (J)	
6/15/2016	<0.082	
8/10/2016	<0.082	
10/4/2016	<0.082	
11/29/2016	<0.082	
2/7/2017	<0.082	
4/4/2017	<0.082	
6/20/2017	<0.082	
10/5/2017	<0.082	
3/20/2018	<0.082	
10/2/2018	<0.082	
3/26/2019	0.041 (J)	
9/10/2019	0.047 (J)	
3/18/2020	0.041 (J)	
9/9/2020	0.034 (J)	
4/1/2021		0.035 (J)
8/11/2021		0.05 (J)
2/15/2022		0.079 (J)
8/25/2022		0.047 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	0.039 (J)	
6/15/2016	<0.082	
8/10/2016	<0.082	
10/5/2016	<0.082	
11/29/2016	<0.082	
2/7/2017	<0.082	
4/4/2017	<0.082	
6/20/2017	<0.082	
10/5/2017	<0.082	
3/20/2018	<0.082	
10/2/2018	<0.082	
3/26/2019	0.042 (J)	
9/10/2019	0.046 (J)	
3/18/2020	0.071 (J)	
9/9/2020	0.036 (J)	
4/1/2021		0.042 (J)
8/11/2021		0.053 (J)
2/15/2022		0.083 (J)
8/24/2022		0.047 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	0.087 (J)	
6/16/2016	0.04 (J)	
8/11/2016	0.092 (J)	
10/4/2016	<0.082	
11/30/2016	0.091 (J)	
2/7/2017	<0.082	
4/5/2017	<0.082	
6/20/2017	0.082 (J)	
10/4/2017	<0.082	
3/20/2018	<0.082	
10/2/2018	0.089 (J)	
3/26/2019	0.072 (J)	
9/10/2019	0.077 (J)	
3/18/2020	0.098 (J)	
9/9/2020	0.069 (J)	
4/1/2021		0.081 (J)
10/18/2021		0.081 (J)
2/15/2022		0.12
5/12/2022		0.048 (J,R)
8/24/2022		0.075 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.082 (JD)	
6/21/2016	0.02 (J)	
8/15/2016	<0.082	
10/5/2016	<0.082	
12/1/2016	<0.082	
2/8/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	<0.082	
3/21/2018	<0.082	
10/2/2018	<0.082	
3/27/2019	0.077 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.088 (J)	
9/9/2020	0.055 (J)	
4/1/2021		0.086 (J)
8/17/2021		0.083 (J)
2/15/2022		0.099 (J)
8/25/2022		0.065 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	0.061 (JD)	
6/21/2016	0.03 (J)	
8/15/2016	<0.1	
10/5/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/2/2018	<0.1	
3/27/2019	0.048 (J)	
9/11/2019	0.054 (J)	
3/18/2020	0.064 (J)	
9/10/2020	0.052 (J)	
4/1/2021		0.042 (J)
8/11/2021		0.051 (J)
2/16/2022		<0.1
8/25/2022		0.059 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	0.01 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/5/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/5/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1 (D)	
10/2/2018	<0.1	
3/26/2019	0.026 (J)	
9/11/2019	0.039 (J)	
3/18/2020	0.046 (J)	
9/10/2020	<0.1	
4/1/2021		<0.1
8/11/2021		0.029 (J)
2/16/2022		<0.1
8/26/2022		0.026 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	0.039 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/7/2016	<0.1	
12/1/2016	<0.1	
2/9/2017	<0.1	
4/6/2017	<0.1	
6/22/2017	<0.1	
10/6/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.04 (J)	
9/11/2019	0.051 (J)	
3/18/2020	0.055 (J)	
9/10/2020	0.034 (J)	
4/6/2021		0.026 (J)
8/11/2021		0.045 (J)
2/16/2022		<0.1
8/26/2022		0.055 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	0.027 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/4/2016	<0.1	
12/1/2016	<0.1	
2/7/2017	<0.1	
4/6/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.034 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.068 (J)	
9/9/2020	<0.1	
4/1/2021		<0.1
8/11/2021		0.045 (J)
2/16/2022		<0.1
8/26/2022		0.068 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	0.047 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/29/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.046 (J)	
9/11/2019	0.055 (J)	
3/18/2020	<0.1	
9/9/2020	0.045 (J)	
4/1/2021		0.041 (J)
8/11/2021		0.062 (J)
2/16/2022		0.034 (J)
8/25/2022		0.047 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	0.048 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/29/2016	<0.1	
2/8/2017	<0.1	
4/5/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.04 (J)	
9/12/2019	0.032 (J)	
3/19/2020	<0.1	
9/9/2020	0.034 (J)	
6/1/2021		0.026 (J)
8/11/2021		0.047 (J)
2/16/2022		0.028 (J)
8/25/2022		0.042 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	0.046 (J)	
6/16/2016	<0.082	
8/11/2016	<0.082	
10/4/2016	<0.082	
11/30/2016	<0.082	
2/7/2017	<0.082	
4/6/2017	<0.082	
6/20/2017	<0.082	
10/4/2017	<0.082	
3/20/2018	<0.082	
10/2/2018	<0.082	
3/26/2019	0.046 (J)	
9/10/2019	0.048 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021		0.043 (J)
8/12/2021		0.054 (J)
2/15/2022		0.072 (J)
8/26/2022		0.048 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	0.056 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/30/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.045 (J)	
9/12/2019	0.044 (J)	
3/19/2020	<0.1	
9/10/2020	0.051 (J)	
6/1/2021		0.033 (J)
8/11/2021		0.051 (J)
2/16/2022		<0.1
8/25/2022		0.05 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	0.057 (JD)	
6/20/2016	0.04 (J)	
8/16/2016	<0.082	
10/5/2016	<0.082	
11/30/2016	<0.082	
2/8/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	<0.082	
3/21/2018	<0.082	
10/3/2018	<0.082	
3/26/2019	0.046 (J)	
9/10/2019	0.058 (J)	
3/18/2020	0.091 (J)	
9/10/2020	0.063 (J)	
4/6/2021		0.045 (J)
8/12/2021		0.084 (J)
2/15/2022		0.092 (J)
8/25/2022		0.059 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	0.121 (J)	
6/20/2016	0.04 (J)	
8/16/2016	0.13 (J)	
10/6/2016	0.1 (J)	
11/30/2016	0.13 (J)	
2/8/2017	0.093 (J)	
4/6/2017	0.1 (J)	
6/22/2017	0.11 (J)	
10/6/2017	0.096 (J)	
3/21/2018	0.094 (J)	
10/3/2018	0.1 (J+X)	
3/26/2019	0.087 (J)	
9/10/2019	0.097 (J)	
3/19/2020	0.038 (J)	
9/10/2020	0.1	
4/2/2021		0.097 (J)
8/12/2021		0.11
2/15/2022		0.13
8/25/2022		0.077 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	0.024 (J)	
6/22/2016	<0.082	
8/16/2016	<0.082	
10/6/2016	<0.082	
12/1/2016	<0.082	
2/9/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	<0.082	
3/22/2018	<0.082	
10/3/2018	<0.082	
3/27/2019	0.038 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021		0.029 (J)
8/12/2021		0.045 (J)
2/15/2022		0.16
5/12/2022		0.03 (J,R)
8/25/2022		0.047 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	0.061 (J)	
6/20/2016	<0.082	
8/16/2016	<0.082	
10/6/2016	<0.082	
11/30/2016	<0.082	
2/9/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/6/2017	<0.082	
3/21/2018	<0.082	
10/3/2018	<0.082	
3/26/2019	0.058 (J)	
9/11/2019	0.058 (J)	
3/18/2020	0.082 (J)	
9/10/2020	0.052 (J)	
6/2/2021		0.038 (J)
8/11/2021		0.055 (J)
2/15/2022		0.095 (J)
8/25/2022		0.058 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	0.061 (JD)	
6/20/2016	0.12 (J)	
8/15/2016	<0.1	
10/6/2016	<0.1	
12/1/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/6/2017	<0.1	
3/22/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.04 (J)	
9/11/2019	0.057 (J)	
3/19/2020	<0.1	
9/10/2020	0.053 (J)	
4/1/2021		0.072 (J)
8/11/2021		0.058 (J)
2/15/2022		0.083 (J)
8/25/2022		0.051 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	0.135 (J)	
10/10/2016	0.12 (J)	
12/1/2016	0.12 (J)	
2/9/2017	0.11 (J)	
4/7/2017	0.15 (J)	
6/21/2017	0.21	
8/15/2017	0.1 (J)	
9/1/2017	0.084 (J)	
3/22/2018	0.091 (J)	
10/4/2018	0.14 (J+X)	
3/27/2019	0.071 (J)	
9/11/2019	0.071 (J)	
3/18/2020	0.073 (J)	
9/9/2020	0.038 (J)	
6/1/2021		0.034 (J)
8/12/2021		0.087 (J)
2/15/2022		0.096 (J)
8/25/2022		0.059 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	0.083 (JD)	
6/22/2016	0.03 (J)	
8/15/2016	<0.082	
10/6/2016	<0.082	
12/1/2016	<0.082	
2/8/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	0.084 (J)	
3/21/2018	<0.082	
10/2/2018	<0.082	
3/27/2019	0.066 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.096 (J)	
9/9/2020	0.067 (J)	
4/1/2021		0.072 (J)
8/12/2021		0.085 (J)
2/15/2022		0.096 (J)
8/25/2022		0.064 (J)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/20/2014	5.27	
11/12/2014	5.7	
5/22/2015	5.52	
11/11/2015	5.63	
4/6/2016	5.5 (D)	
6/15/2016	5.52	
8/10/2016	5.5	
10/4/2016	5.56	
11/30/2016	5.46	
2/7/2017	5.28 (O)	
4/1/2017	5.48	
4/4/2017	5.48	
6/20/2017	5.44	
10/4/2017	5.44	
3/20/2018	5.48	
10/2/2018	5.49	
3/26/2019	5.41	
3/18/2020	5.42	
9/9/2020	5.71	
4/1/2021		5.31
8/11/2021		5.5
2/15/2022		5.4
8/25/2022		5.4

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/20/2014	6.18	
11/8/2014	6.52	
5/22/2015	6.3	
11/11/2015	6.36	
4/6/2016	6.46 (D)	
6/15/2016	6.39	
8/10/2016	6.39	
10/4/2016	6.4	
11/29/2016	6.36	
2/7/2017	6.45	
4/4/2017	6.37	
6/20/2017	6.4	
10/5/2017	6.42	
3/20/2018	6.36	
10/2/2018	6.38	
3/26/2019	6.42	
3/18/2020	6.29	
9/9/2020	6.33	
4/1/2021		6.44
8/11/2021		6.35
2/15/2022		6.46
8/25/2022		6.42

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/20/2014	5.68	
11/8/2014	6.04	
5/22/2015	5.87	
11/9/2015	5.97	
4/6/2016	5.937 (D)	
6/15/2016	5.96	
8/10/2016	5.94	
10/5/2016	5.86	
11/29/2016	5.82	
2/7/2017	6.15	
4/4/2017	6	
6/20/2017	6.34	
10/5/2017	5.93	
3/20/2018	5.97	
10/2/2018	6.03	
3/26/2019	6.12	
3/18/2020	6.03	
9/9/2020	6.05	
4/1/2021		6.14
8/11/2021		6.14
2/15/2022		6.2
8/24/2022		6.22

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/23/2014	6.46	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53 (D)	
6/16/2016	6.49	
8/11/2016	6.5	
10/4/2016	6.5	
11/30/2016	6.48	
2/7/2017	6.38	
4/5/2017	6.36	
6/20/2017	6.45	
10/4/2017	6.5	
3/20/2018	6.63	
10/2/2018	6.57	
3/26/2019	6.54	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021		6.52
10/18/2021		6.36
2/15/2022		6.83
5/12/2022		6.55 (R)
8/24/2022		6.42

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/21/2014	6.3	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42 (D)	
6/21/2016	6.36	
8/15/2016	6.3	
10/5/2016	6.25	
12/1/2016	6.32	
2/8/2017	6.04	
4/6/2017	6.35	
6/21/2017	6.2	
10/5/2017	6.21	
3/21/2018	6.56	
10/2/2018	6.35	
3/27/2019	6.53	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021		6.35
10/18/2021		6.25
2/15/2022		6.48
5/12/2022		6.31 (R)
8/25/2022		6.2

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/20/2014	6.14	
11/12/2014	6.33	
5/24/2015	6.04	
11/12/2015	6.31	
4/13/2016	6.17 (D)	
6/21/2016	6.19	
8/15/2016	6.15	
10/5/2016	6.1	
12/1/2016	6.15	
2/8/2017	5.9 (O)	
4/6/2017	6.13	
6/20/2017	6.12	
10/5/2017	6.11	
3/21/2018	6.21	
10/2/2018	6.21	
3/27/2019	6.22	
3/18/2020	6.17	
9/10/2020	6.16	
4/1/2021		6.11
8/11/2021		6.21
2/16/2022		6.16
8/25/2022		6.01

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/20/2014	4.86	
11/12/2014	5.3	
5/23/2015	5.04	
11/12/2015	5.31	
4/13/2016	5.22 (D)	
6/21/2016	5.2	
8/15/2016	5.12	
10/5/2016	5.07	
10/7/2016	5.07	
12/1/2016	5.08	
2/8/2017	4.76 (O)	
4/5/2017	5.1	
6/20/2017	5.13	
10/5/2017	5.1	
3/21/2018	5.33	
10/2/2018	5.16	
3/26/2019	5.25	
3/18/2020	5.19	
9/10/2020	5.1	
4/1/2021		5.18
8/11/2021		5.2
2/16/2022		5.11
8/26/2022		5.07

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/20/2014	5.6	
11/12/2014	6.02	
5/24/2015	5.81	
11/12/2015	5.93	
4/13/2016	5.88 (D)	
6/21/2016	5.9	
8/15/2016	5.86	
10/4/2016	5.85	
10/7/2016	5.85	
12/1/2016	5.85	
2/9/2017	5.92	
4/6/2017	5.85	
6/22/2017	5.9	
10/6/2017	5.88	
3/22/2018	5.88	
10/3/2018	5.95	
3/26/2019	5.89	
3/18/2020	5.81	
9/10/2020	5.83	
4/6/2021		5.95
8/11/2021		5.92
2/16/2022		5.79
8/26/2022		5.91

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/20/2014	5.38	
11/12/2014	5.77	
5/24/2015	5.53	
11/11/2015	5.68	
4/13/2016	5.58 (D)	
6/21/2016	5.59	
8/15/2016	5.56	
10/4/2016	5.66	
12/1/2016	5.54	
2/7/2017	5.42 (O)	
4/6/2017	5.55	
6/20/2017	5.57	
10/5/2017	5.55	
3/20/2018	5.73	
10/2/2018	5.68	
3/26/2019	5.63	
3/18/2020	5.61	
9/9/2020	5.88	
4/1/2021		5.53
8/11/2021		5.61
2/16/2022		5.6
8/26/2022		5.51

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/23/2014	6.19	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3 (D)	
6/16/2016	6.34	
8/11/2016	6.28	
10/5/2016	6.27	
11/29/2016	6.39	
2/8/2017	6.35	
4/6/2017	6.26	
6/21/2017	6.24	
10/5/2017	6.31	
3/20/2018	6.34	
10/2/2018	6.38	
3/26/2019	6.38	
3/18/2020	6.32	
9/9/2020	6.3	
4/1/2021		6.37
8/11/2021		6.43
2/16/2022		6.54
5/12/2022		6.39 (R)
8/25/2022		6.45

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/22/2014	6.37	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36 (D)	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021		6.37
6/1/2021		6.18
8/11/2021		6.35
2/16/2022		6.47
8/25/2022		6.36

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/22/2014	6.74	
11/13/2014	6.94	
5/24/2015	7	
11/11/2015	6.55	
4/12/2016	6.52	
6/16/2016	6.38	
8/11/2016	6.38	
10/4/2016	6.39	
11/30/2016	6.38	
2/7/2017	6.43	
4/6/2017	6.23 (O)	
6/20/2017	6.36	
10/4/2017	6.35	
3/20/2018	6.52	
10/2/2018	6.51	
3/26/2019	6.44	
3/18/2020	6.41	
9/9/2020	6.44	
4/1/2021		7.32
8/12/2021		6.41
2/15/2022		6.61
8/26/2022		6.37

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/22/2014	6.33	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53 (D)	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021		6.64
6/1/2021		6.39
8/11/2021		6.58
2/16/2022		6.71
5/12/2022		6.52 (R)
8/25/2022		6.62

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/22/2014	5.82	
11/9/2014	6.1	
5/22/2015	5.92	
11/16/2015	6.02	
4/12/2016	5.97 (D)	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021		6.01
8/12/2021		6.12
2/15/2022		5.87
8/25/2022		5.99

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/22/2014	6.17	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44 (D)	
6/20/2016	6.33	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021		6.35
8/12/2021		6.3
2/15/2022		6.37
5/12/2022		6.19 (R)
8/25/2022		6.19

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/22/2014	5.89	
11/9/2014	6.14	
5/24/2015	5.7	
11/11/2015	5.78	
4/19/2016	5.55	
6/22/2016	5.6	
8/16/2016	5.7	
10/6/2016	5.64	
12/1/2016	5.62	
2/9/2017	5.64	
4/6/2017	5.66	
6/21/2017	5.68	
10/5/2017	5.64	
3/22/2018	5.9	
10/3/2018	5.74	
3/27/2019	5.78	
3/18/2020	5.81	
9/9/2020	6.08	
4/1/2021		6.01
8/12/2021		5.87
2/15/2022		6.16
5/12/2022		5.99 (R)
8/25/2022		5.96

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/21/2014	6.09	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021		6.36
6/2/2021		6.09
8/11/2021		6.14
2/15/2022		6.1
8/25/2022		6.13

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/21/2014	6.25	
5/24/2015	6.32	
11/11/2015	6.35	
4/13/2016	6.42	
6/20/2016	6.4	
8/15/2016	6.31	
10/6/2016	6.27	
12/1/2016	6.28	
2/9/2017	6.32	
4/7/2017	6.28	
6/22/2017	6.29	
10/6/2017	5.96	
3/22/2018	6.34	
10/4/2018	6.36	
3/27/2019	6.38	
3/19/2020	6.41	
9/10/2020	6.32	
4/1/2021		6.4
8/11/2021		6.26
2/15/2022		6.22
8/25/2022		6.31

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/21/2014	7.11	
11/13/2014	6.55	
5/23/2015	6.36	
11/11/2015	6.36	
4/19/2016	6.4	
6/23/2016	6.35	
8/23/2016	6.29	
10/10/2016	6.3	
12/1/2016	6.37	
2/9/2017	6.39	
2/27/2017	6.24	
4/7/2017	6.93	
6/21/2017	7.11 (D)	
8/15/2017	6.95	
9/1/2017	6.86	
10/9/2017	6.75	
3/22/2018	7.05	
10/4/2018	7.26	
3/27/2019	6.69	
3/18/2020	6.42	
9/9/2020	6.3	
4/5/2021		6.35
6/1/2021		6.28
8/12/2021		6.37
2/15/2022		6.34
8/25/2022		6.29

Prediction Limit

Constituent: pH (S.U.) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/21/2014	6.31	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021		6.28
8/12/2021		6.66
2/15/2022		6.61
8/25/2022		6.48

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	0.799 (J)	
6/15/2016	<0.7	
8/10/2016	<0.7	
10/4/2016	<0.7	
11/30/2016	<0.7	
2/7/2017	0.8 (J)	
4/4/2017	<0.7	
6/20/2017	<0.7	
10/4/2017	<0.7	
3/20/2018	1.2	
10/2/2018	<0.7	
3/26/2019	2.1	
9/10/2019	0.65 (J)	
3/18/2020	3.1	
9/9/2020	1.6	
4/1/2021		2.7
8/11/2021		1.3
2/15/2022		2.6
8/25/2022		1.9

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	<1	
6/15/2016	<1	
8/10/2016	<1	
10/4/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/10/2019	<1	
3/18/2020	0.67 (J)	
9/9/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/15/2022		<1
8/25/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	<1	
6/15/2016	<1	
8/10/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.58 (J)	
9/10/2019	0.44 (J)	
3/18/2020	0.51 (J)	
9/9/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/15/2022		<1
8/24/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	0.617 (J)	
6/16/2016	<1	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.92 (J)	
4/5/2017	1	
6/20/2017	0.76 (J)	
10/4/2017	<1	
3/20/2018	0.95 (J)	
10/2/2018	<1	
3/26/2019	0.53 (J)	
9/10/2019	0.69 (J)	
3/18/2020	0.84 (J)	
9/9/2020	0.77 (J)	
4/1/2021		<1
8/18/2021		0.79 (J)
2/15/2022		1.5
8/24/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.51 (JD)	
6/21/2016	0.58 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	1	
4/6/2017	0.81 (J)	
6/21/2017	1.1	
10/5/2017	1.1	
3/21/2018	1.1	
10/2/2018	1.2	
3/27/2019		1.6
9/11/2019		1.8
3/18/2020		2.4
9/9/2020		2.6
4/1/2021		2.7
8/17/2021		1.2
2/15/2022		3.5
5/12/2022		2.7 (R)
8/25/2022		3.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	<1 (D)	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/27/2019	<1	
9/11/2019	0.63 (J)	
3/18/2020	<1	
9/10/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/16/2022		<1
8/25/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	<1 (D)	
6/21/2016	0.2 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1 (D)	
10/2/2018	<1	
3/26/2019	0.49 (J)	
9/11/2019	0.5 (J)	
3/18/2020	1.3	
9/10/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/16/2022		<1
8/26/2022		0.77 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	0.646 (JD)	
6/21/2016	0.57 (J)	
8/15/2016	<1	
10/7/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/6/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/26/2019	1.3	
9/11/2019	0.81 (J)	
3/18/2020	25 (o)	
9/10/2020	1.3	
4/6/2021		0.9 (J)
8/11/2021		0.89 (J)
2/16/2022		<1
8/26/2022		1.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	<1 (D)	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/4/2016	<1	
12/1/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.64 (J)	
9/11/2019	0.5 (J)	
3/18/2020	<1	
9/9/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/16/2022		<1
8/26/2022		0.79 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	<1	
6/16/2016	<1	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.39 (J)	
9/11/2019	0.61 (J)	
3/18/2020	0.62 (J)	
9/9/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/16/2022		<1
8/25/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	<1	
6/16/2016	<1	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/12/2019	<1	
3/19/2020	0.64 (J)	
9/9/2020	1.2	
6/1/2021		1.9
8/11/2021		<1
2/16/2022		<1
8/25/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	0.56 (J)	
6/16/2016	<1	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.99 (J)	
9/10/2019	0.63 (J)	
3/18/2020	0.59 (J)	
9/9/2020	0.59 (J)	
4/1/2021		1.1
8/12/2021		<1
2/15/2022		0.79 (J)
8/26/2022		1.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	<1	
6/16/2016	<1	
8/11/2016	<1	
10/5/2016	<1	
11/30/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.45 (J)	
9/12/2019	<1	
3/19/2020	0.71 (J)	
9/10/2020	<1	
6/1/2021		1.4
8/11/2021		<1
2/16/2022		<1
8/25/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	0.419 (JD)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021		<1
8/12/2021		<1
2/15/2022		0.91 (J)
8/25/2022		0.99 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33 (R)
8/25/2022		19

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	575 (o)	
6/22/2016	470	
8/16/2016	360	
10/6/2016	300	
12/1/2016	340	
2/9/2017	350	
4/6/2017	380	
6/21/2017	490	
10/5/2017	380	
3/22/2018	400	
10/3/2018	270	
3/27/2019	260	
9/11/2019	130	
3/18/2020	170	
9/9/2020	110	
4/1/2021		100
8/12/2021		140
2/15/2022		100
8/25/2022		100

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	7.55	
6/20/2016	14	
8/16/2016	12	
10/6/2016	13	
11/30/2016	14	
2/9/2017	9.5	
4/6/2017	9.7	
6/21/2017	13	
10/6/2017	7.3	
3/21/2018	9.5	
10/3/2018	10	
3/26/2019	6.3	
9/11/2019	12	
3/18/2020	5.6	
9/10/2020	9.4	
6/2/2021		13
8/11/2021		11
2/15/2022		13
8/25/2022		12

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	<1 (D)	
6/20/2016	0.36 (J)	
8/15/2016	<1	
10/6/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/4/2018	<1	
3/27/2019	0.51 (J)	
9/11/2019	0.52 (J)	
3/19/2020	0.54 (J)	
9/10/2020	<1	
4/1/2021		<1
8/11/2021		<1
2/15/2022		<1
8/25/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	32.7	
10/10/2016	33	
12/1/2016	31	
2/9/2017	34	
4/7/2017	37	
6/21/2017	35	
8/15/2017	42	
9/1/2017	40	
3/22/2018	39	
10/4/2018	30	
3/27/2019	18	
9/11/2019	32	
3/18/2020	16	
9/9/2020	11	
6/1/2021		17
8/12/2021		27
2/15/2022		11
8/25/2022		22

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	8.66 (D)	
6/22/2016	6.3	
8/15/2016	8	
10/6/2016	10	
12/1/2016	15	
2/8/2017	13	
4/6/2017	14	
6/21/2017	11	
10/5/2017	10	
3/21/2018	12	
10/2/2018	8.2	
3/27/2019	6.8	
9/11/2019	9.6	
3/18/2020	6.9	
9/9/2020	8.4	
4/1/2021		9.7
8/12/2021		9.7
2/15/2022		7.2
8/25/2022		19

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	38	
6/15/2016	<10	
8/10/2016	56	
10/4/2016	48	
11/30/2016	46	
2/7/2017	18	
4/4/2017	32	
6/20/2017	38	
10/4/2017	42	
3/20/2018	20 (JX)	
10/2/2018	48	
3/26/2019	45	
9/10/2019	42	
3/18/2020	43	
9/9/2020	<10	
4/1/2021		55
8/11/2021		55
2/15/2022		42
8/25/2022		86

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	84	
6/15/2016	139	
8/10/2016	80	
10/4/2016	62	
11/29/2016	110	
2/7/2017	70	
4/4/2017	120	
6/20/2017	76	
10/5/2017	110	
3/20/2018	110	
10/2/2018	110	
3/26/2019	100	
9/10/2019	75	
3/18/2020	93	
9/9/2020	66	
4/1/2021		100
8/11/2021		100
2/15/2022		99
8/25/2022		130

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	61	
6/15/2016	113	
8/10/2016	74	
10/5/2016	44	
11/29/2016	58	
2/7/2017	4 (J)	
4/4/2017	78	
6/20/2017	50	
10/5/2017	64	
3/20/2018	90	
10/2/2018	90	
3/26/2019	82	
9/10/2019	51	
3/18/2020	75	
9/9/2020	64	
4/1/2021		68
8/11/2021		94
2/15/2022		79
8/24/2022		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	147	
6/16/2016	150	
8/11/2016	110	
10/4/2016	140	
11/30/2016	130	
2/7/2017	130	
4/5/2017	130	
6/20/2017	120	
10/4/2017	130	
3/20/2018	110	
10/2/2018	140	
3/26/2019	150	
9/10/2019	130	
3/18/2020	130	
9/9/2020	120	
4/1/2021		120
8/18/2021		150
2/15/2022		120
8/24/2022		160

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	103 (D)	
6/21/2016	214 (O)	
8/15/2016	130	
10/5/2016	84	
12/1/2016	130	
2/8/2017	130	
4/6/2017	130	
6/21/2017	120	
10/5/2017	140	
3/21/2018	120	
10/2/2018	150	
3/27/2019	140	
9/11/2019	110	
3/18/2020	140	
9/9/2020	160	
4/1/2021		140
8/17/2021		160
2/15/2022		150
8/25/2022		170

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	99 (D)	
6/21/2016	293	
8/15/2016	90	
10/5/2016	70	
12/1/2016	120	
2/8/2017	86	
4/6/2017	130	
6/20/2017	86	
10/5/2017	94	
3/21/2018	100	
10/2/2018	120	
3/27/2019	100	
9/11/2019	94	
3/18/2020	100	
9/10/2020	95	
4/1/2021		90
8/11/2021		120
2/16/2022		79
8/25/2022		130

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	<5 (D)	
6/21/2016	110	
8/15/2016	<5	
10/5/2016	<5	
12/1/2016	16	
2/8/2017	12	
4/5/2017	18	
6/20/2017	<5	
10/5/2017	28	
3/21/2018	28 (JX)	
10/2/2018	38	
3/26/2019	29	
9/11/2019	14	
3/18/2020	26	
9/10/2020	13	
4/1/2021		17
8/11/2021		18
2/16/2022		16
8/26/2022		29

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	60 (D)	
6/21/2016	195 (O)	
8/15/2016	42	
10/7/2016	24	
12/1/2016	68	
2/9/2017	56	
4/6/2017	68	
6/22/2017	56	
10/6/2017	90	
3/22/2018	76	
10/3/2018	22	
3/26/2019	59	
9/11/2019	33	
3/18/2020	100	
9/10/2020	60	
4/6/2021		55
8/11/2021		75
2/16/2022		55
8/26/2022		84

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	56 (D)	
6/21/2016	68	
8/15/2016	46	
10/4/2016	60	
12/1/2016	70	
2/7/2017	40	
4/6/2017	74	
6/20/2017	34	
10/5/2017	98	
3/20/2018	42	
10/2/2018	40	
3/26/2019	60	
9/11/2019	26	
3/18/2020	57	
9/9/2020	54	
4/1/2021		43
8/11/2021		71
2/16/2022		46
8/26/2022		91

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	89	
6/16/2016	88	
8/11/2016	52	
10/5/2016	76	
11/29/2016	72	
2/8/2017	74	
4/6/2017	84	
6/21/2017	88	
10/5/2017	110	
3/20/2018	92	
10/2/2018	100	
3/26/2019	94	
9/11/2019	77	
3/18/2020	92	
9/9/2020	77	
4/1/2021		62
8/11/2021		98
2/16/2022		70
8/25/2022		130

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	99	
6/16/2016	102	
8/11/2016	38	
10/5/2016	26	
11/29/2016	82	
2/8/2017	78	
4/5/2017	100	
6/21/2017	100	
10/5/2017	100	
3/20/2018	100	
10/2/2018	130	
3/26/2019	100	
9/12/2019	70	
3/19/2020	110	
9/9/2020	120	
6/1/2021		130
8/11/2021		120
2/16/2022		110
8/25/2022		150

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	93	
6/16/2016	130	
8/11/2016	92	
10/4/2016	120	
11/30/2016	130	
2/7/2017	36	
4/6/2017	150	
6/20/2017	92	
10/4/2017	120	
3/20/2018	120	
10/2/2018	140	
3/26/2019	130	
9/10/2019	140	
3/18/2020	140	
9/9/2020	110	
4/1/2021		120
8/12/2021		130
2/15/2022		120
8/26/2022		180

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	104	
6/16/2016	111	
8/11/2016	70	
10/5/2016	92	
11/30/2016	92	
2/8/2017	98	
4/6/2017	92	
6/21/2017	100	
10/5/2017	130	
3/21/2018	100	
10/3/2018	130	
3/26/2019	110	
9/12/2019	84	
3/19/2020	120	
9/10/2020	110	
6/1/2021		120
8/11/2021		110
2/16/2022		110
8/25/2022		140

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	92 (D)	
6/20/2016	78	
8/16/2016	76	
10/5/2016	64	
11/30/2016	82	
2/8/2017	92	
4/6/2017	88	
6/21/2017	88	
10/5/2017	86	
3/21/2018	98	
10/3/2018	60	
3/26/2019	86	
9/10/2019	66	
3/18/2020	72	
9/10/2020	59	
4/6/2021		81
8/12/2021		89
2/15/2022		53
8/25/2022		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	80	
6/20/2016	111	
8/16/2016	100	
10/6/2016	110	
11/30/2016	110	
2/8/2017	120	
4/6/2017	130	
6/22/2017	110	
10/6/2017	120	
3/21/2018	160	
10/3/2018	120	
3/26/2019	130	
9/10/2019	93	
3/19/2020	130	
9/10/2020	130	
4/2/2021		150
8/12/2021		130
2/15/2022		140
8/25/2022		170

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	1290	
6/22/2016	1060	
8/16/2016	880	
10/6/2016	820	
12/1/2016	900	
2/9/2017	940	
4/6/2017	1100	
6/21/2017	1200	
10/5/2017	950	
3/22/2018	1000	
10/3/2018	620	
3/27/2019	580	
9/11/2019	310	
3/18/2020	430	
9/9/2020	270	
4/1/2021		260
8/12/2021		370
2/15/2022		290
8/25/2022		290

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	138	
6/20/2016	154	
8/16/2016	140	
10/6/2016	150	
11/30/2016	160	
2/9/2017	160	
4/6/2017	140	
6/21/2017	150	
10/6/2017	160	
3/21/2018	170	
10/3/2018	120	
3/26/2019	130	
9/11/2019	120	
3/18/2020	140	
9/10/2020	140	
6/2/2021		140
8/11/2021		160
2/15/2022		140
8/25/2022		170

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	130 (D)	
6/20/2016	116	
8/15/2016	92	
10/6/2016	110	
12/1/2016	140	
2/9/2017	120	
4/7/2017	120	
6/22/2017	100	
10/6/2017	140	
3/22/2018	130	
10/4/2018	110	
3/27/2019	120	
9/11/2019	100	
3/19/2020	98	
9/10/2020	120	
4/1/2021		110
8/11/2021		130
2/15/2022		140
8/25/2022		150

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
4/19/2016	179	
10/10/2016	110 (O)	
12/1/2016	170	
2/9/2017	180	
4/7/2017	200	
6/21/2017	190	
8/15/2017	190	
9/1/2017	160	
3/22/2018	220	
10/17/2018	170	
3/27/2019	300	
9/11/2019	210	
3/18/2020	300	
9/9/2020	360	
6/1/2021		340
8/12/2021		240
2/15/2022		330
8/25/2022		270

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/29/2022 5:18 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	135 (D)	
6/22/2016	199	
8/15/2016	120	
10/6/2016	140	
12/1/2016	160	
2/8/2017	130	
4/6/2017	140	
6/21/2017	150	
10/5/2017	170	
3/21/2018	160	
10/2/2018	34	
3/27/2019	140	
9/11/2019	130	
3/18/2020	130	
9/9/2020	150	
4/1/2021		120
8/12/2021		150
2/15/2022		140
8/25/2022		180

FIGURE F.

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:08 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	8/25/2022	0.054	Yes	99	n/a	n/a	2.02	n/a	n/a	0.0001956	NP Inter (normality) 1 of 2
Nickel (mg/L)	GWC-10	0.00202	n/a	8/25/2022	0.003	Yes	83	n/a	n/a	84.34	n/a	n/a	0.0002763	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.00202	n/a	8/25/2022	0.0042	Yes	83	n/a	n/a	84.34	n/a	n/a	0.0002763	NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results

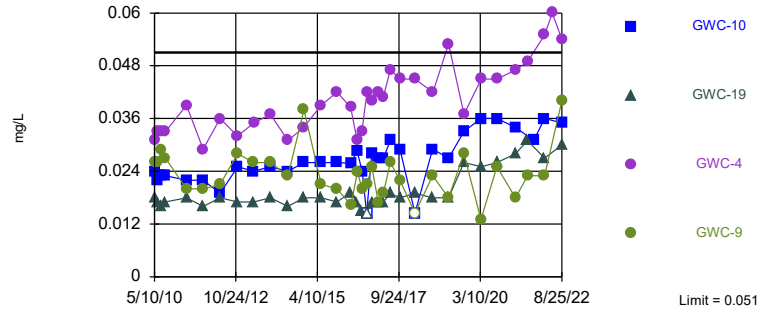
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:08 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-10	0.051	n/a	8/25/2022	0.035	No	99	n/a	n/a	2.02	n/a	n/a	0.0001956	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-19	0.051	n/a	8/25/2022	0.03	No	99	n/a	n/a	2.02	n/a	n/a	0.0001956	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.051	n/a	8/25/2022	0.054	Yes	99	n/a	n/a	2.02	n/a	n/a	0.0001956	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-9	0.051	n/a	8/25/2022	0.04	No	99	n/a	n/a	2.02	n/a	n/a	0.0001956	NP Inter (normality) 1 of 2
Nickel (mg/L)	GWC-10	0.00202	n/a	8/25/2022	0.003	Yes	83	n/a	n/a	84.34	n/a	n/a	0.0002763	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.00202	n/a	8/25/2022	0.0017	No	83	n/a	n/a	84.34	n/a	n/a	0.0002763	NP Inter (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.00202	n/a	8/25/2022	0.0042	Yes	83	n/a	n/a	84.34	n/a	n/a	0.0002763	NP Inter (NDs) 1 of 2

Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



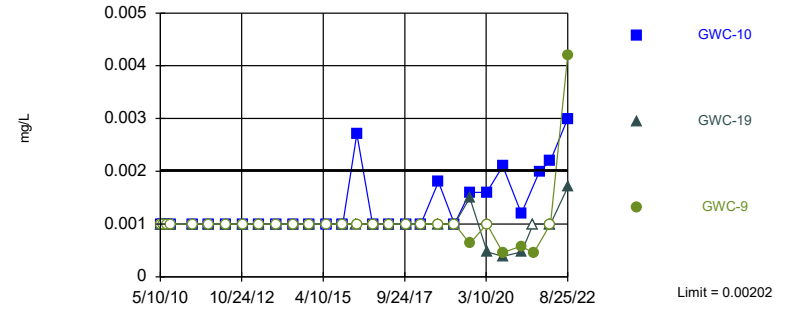
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 99 background values. 2.02% NDs. Annual per-constituent alpha = 0.006628. Individual comparison alpha = 0.0001956 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

Constituent: Barium, Total Analysis Run 11/29/2022 5:06 PM View: Appendix I - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit: GWC-10, GWC-9

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 83 background values. 84.34% NDs. Annual per-constituent alpha = 0.009352. Individual comparison alpha = 0.0002763 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

Constituent: Nickel Analysis Run 11/29/2022 5:06 PM View: Appendix I - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 5:08 PM View: Appendix I - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-10	GWC-9	GWC-4	GWC-19
5/8/2010	0.048 (J)						
5/9/2010		0.01 (J)	0.031 (J)				
5/10/2010				0.024 (J)	0.026 (J)		
5/11/2010						0.031 (J)	0.018 (J)
6/16/2010	0.044 (J)		0.029 (J)	0.022 (J)	0.026 (J)		0.017 (J)
6/17/2010						0.033 (J)	
6/18/2010		0.01 (J)					
7/26/2010	0.042 (J)						
7/27/2010			0.029 (J)		0.029 (J)		0.016 (J)
7/28/2010		0.011 (J)		0.023 (J)		0.033 (J)	
9/7/2010	0.04 (J)		0.028 (J)				0.017 (J)
9/8/2010				0.023 (J)	0.027 (J)	0.033 (J)	
9/9/2010		0.011 (J)					
4/28/2011						0.039 (J)	
4/29/2011	0.038 (J)		0.026 (J)	0.022 (J)	0.02 (J)		0.018 (J)
4/30/2011		0.0091 (J)					
10/27/2011				0.022	0.02		
10/28/2011	0.034	0.0096 (J)	0.025				0.016
10/29/2011						0.029	
5/2/2012	0.03	0.012	0.025				0.018
5/3/2012					0.021	0.036	
5/4/2012				0.019			
11/9/2012	0.039 (V)	0.012 (V)	0.028 (V)				0.017 (V)
11/10/2012						0.032 (V)	
11/11/2012				0.025 (V)	0.028 (V)		
5/8/2013	0.034	0.01	0.029				
5/9/2013				0.024	0.026		0.017
5/10/2013						0.035	
11/5/2013		0.0098 (J)		0.025			
11/6/2013	0.032		0.026		0.026	0.037	0.018 (V)
5/20/2014	0.03	0.0081 (J)	0.025				
5/21/2014				0.024	0.023		
5/22/2014						0.031	0.016
11/8/2014	0.031		0.026				0.018
11/9/2014						0.034	
11/12/2014		0.0098 (J)		0.026	0.038		
5/22/2015	0.033	0.0088 (J)	0.026			0.039	
5/23/2015				0.026	0.021		0.018
11/9/2015	0.034		0.024				
11/10/2015							0.017
11/11/2015		0.011				0.042	
11/12/2015				0.026	0.02		
4/6/2016	0.0347	0.00959 (J)	0.026				
4/11/2016							0.0191
4/12/2016						0.0386	
4/13/2016				0.0258 (D)	0.0164 (D)		
6/15/2016	0.029	0.0091 (J)	0.023				
6/16/2016							0.017
6/20/2016						0.031	
6/21/2016				0.0286			
6/22/2016					0.0238		
8/10/2016	0.027	0.009	0.022				

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 11/29/2022 5:08 PM View: Appendix I - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-10	GWC-9	GWC-4	GWC-19
8/11/2016							0.015
8/12/2016						0.033	
8/15/2016				0.024	0.02		
10/4/2016		<0.029	0.024				
10/5/2016	<0.029			<0.029			<0.029
10/6/2016					0.021	0.042	
11/29/2016	0.024		0.023				0.017
11/30/2016		0.011				0.04	
12/1/2016				0.028	0.025		
2/7/2017	0.029	0.0099	0.024				
2/8/2017				0.027	0.017	0.042	0.017
4/4/2017	0.03	0.0092	0.022				
4/5/2017							0.017
4/6/2017				0.027	0.019	0.041	
6/20/2017	0.036	0.0099	0.025				
6/21/2017				0.031	0.026		0.019
6/22/2017						0.047	
10/4/2017		0.0098					
10/5/2017	0.027		0.023	0.029	0.022		0.018
10/6/2017						0.045	
3/20/2018	0.027	0.01	0.023				0.019
3/21/2018				<0.029 (X)	<0.029 (X)	0.045	
10/2/2018	0.027	0.0099	0.023	0.029	0.023		0.018
10/3/2018						0.042	
3/26/2019	0.031	0.0099	0.024			0.053	0.018
3/27/2019				0.027	0.018		
9/10/2019	0.051	0.011	0.039			0.037	
9/11/2019				0.033	0.028		
9/12/2019							0.026
3/18/2020	0.031	0.01	0.027	0.036	0.013		
3/19/2020						0.045	0.025
9/9/2020	0.033	0.01	0.024	0.036	0.025		0.026
9/10/2020						0.045	
4/1/2021	0.029	0.0092 (J)	0.024	0.034	0.018		
4/2/2021						0.047	
4/5/2021							0.028
8/11/2021	0.029	0.01	0.023				0.031
8/12/2021					0.023	0.049	
10/18/2021				0.031			
2/15/2022	0.031	0.012	0.024	0.036	0.023	0.055	
2/16/2022							0.027
5/12/2022						0.06 (R)	
8/24/2022	0.031						
8/25/2022		0.012	0.025	0.035	0.04	0.054	0.03

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 5:08 PM View: Appendix I - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-9	GWC-10	GWC-19
5/8/2010	<0.001					
5/9/2010		<0.001	<0.001			
5/10/2010				<0.001	<0.001	
5/11/2010						<0.001
6/16/2010	<0.001	<0.001		<0.001	<0.001	<0.001
6/18/2010			<0.001			
7/26/2010	<0.001					
7/27/2010		<0.001		<0.001		<0.001
7/28/2010			<0.001		<0.001	
9/7/2010	<0.001	<0.001				<0.001
9/8/2010				<0.001	<0.001	
9/9/2010			<0.001			
4/29/2011	<0.001	<0.001		<0.001	<0.001	<0.001
4/30/2011			<0.001			
10/27/2011				<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001			<0.001
5/2/2012	<0.001	<0.001	<0.001			<0.001
5/3/2012				<0.001		
5/4/2012					<0.001	
11/9/2012	<0.001	<0.001	<0.001			<0.001
11/11/2012				<0.001	<0.001	
5/8/2013	<0.001	<0.001	<0.001			
5/9/2013				<0.001	<0.001	<0.001
11/5/2013			<0.001		<0.001	
11/6/2013	<0.001	<0.001		<0.001		<0.001
5/20/2014	<0.001	<0.001	<0.001			
5/21/2014				<0.001	<0.001	
5/22/2014						<0.001
11/8/2014	<0.001	<0.001				<0.001
11/12/2014			<0.001	<0.001	<0.001	
5/22/2015	<0.001	<0.001	<0.001			
5/23/2015				<0.001	<0.001	0.01 (O)
11/9/2015	<0.001	<0.001				
11/10/2015						<0.001
11/11/2015			<0.001			
11/12/2015				<0.001	<0.001	
4/6/2016	<0.001	<0.001	0.00202 (J)			
4/11/2016						<0.001
4/13/2016				<0.001 (D)	0.00271	
10/4/2016		<0.001	<0.001			
10/5/2016	<0.001				<0.001	<0.001
10/6/2016				<0.001		
4/4/2017	<0.001	<0.001	<0.001			
4/5/2017						<0.001
4/6/2017				<0.001	<0.001	
10/4/2017			<0.001			
10/5/2017	<0.001	<0.001		<0.001	<0.001	<0.001
3/20/2018	<0.001	0.04 (O)	<0.001 (D)			<0.001
3/21/2018				<0.001	<0.001	
10/2/2018	<0.001	<0.001	<0.001	<0.001	0.0018 (J)	<0.001
3/26/2019	<0.001	<0.001	<0.001			<0.001
3/27/2019				<0.001	<0.001	

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 11/29/2022 5:08 PM View: Appendix I - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-9	GWC-10	GWC-19
9/10/2019	0.0012	0.00037 (J)	0.00081 (J)			
9/11/2019				0.00063 (J)	0.0016	
9/12/2019						0.0015
3/18/2020	<0.001	<0.001	0.00043 (J)	<0.001	0.0016	
3/19/2020						0.00047 (J)
9/9/2020	0.00048 (J)	<0.001	0.00069 (J)	0.00046 (J)	0.0021	0.00039 (J)
4/1/2021	0.0004 (J)	<0.001	0.00049 (J)	0.00058 (J)	0.0012	
4/5/2021						0.00047 (J)
8/11/2021	<0.001	<0.001	0.00051 (J)			<0.001
8/12/2021				0.00045 (J)		
10/18/2021					0.002	
2/15/2022	<0.001	<0.001	0.00065 (J)	<0.001	0.0022	
2/16/2022						<0.001
8/24/2022	0.00082 (J)					
8/25/2022		<0.001	0.001	0.0042	0.003	0.0017

FIGURE G.

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/13/2022, 7:49 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-10	0.08	n/a	8/25/2022	0.11	Yes	57	n/a	n/a	n/a	98.25	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	8/25/2022	0.12	Yes	57	n/a	n/a	n/a	98.25	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-19	14	n/a	8/25/2022	18	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	14	n/a	8/25/2022	17	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	14	n/a	8/25/2022	21	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.1	n/a	8/25/2022	3.7	Yes	57	n/a	n/a	n/a	73.68	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	8/25/2022	19	Yes	57	n/a	n/a	n/a	73.68	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.1	n/a	8/25/2022	19	Yes	57	n/a	n/a	n/a	73.68	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	137.4	n/a	8/25/2022	170	Yes	57	69.25	31.7	n/a	3.509	None	No	0.0004426	Param Inter 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

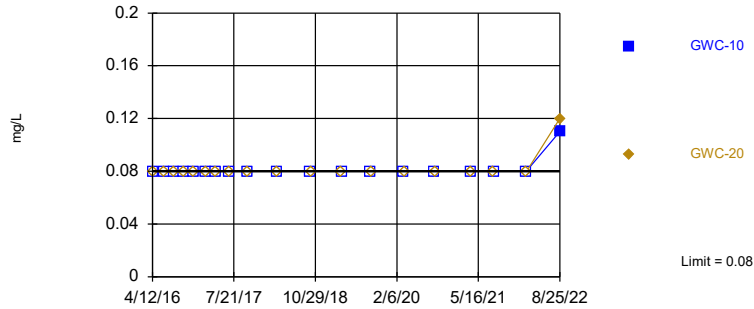
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 12/13/2022, 7:49 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-10	0.08	n/a	8/25/2022	0.11	Yes	57	n/a	n/a	n/a	98.25	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	8/25/2022	0.12	Yes	57	n/a	n/a	n/a	98.25	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-19	14	n/a	8/25/2022	18	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	14	n/a	8/25/2022	17	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	14	n/a	8/25/2022	21	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	7.2	n/a	8/25/2022	5	No	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	7.2	n/a	8/25/2022	3	No	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.1	n/a	8/25/2022	3.7	Yes	57	n/a	n/a	n/a	73.68	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-2	3.1	n/a	8/26/2022	1.1	No	57	n/a	n/a	n/a	73.68	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	8/25/2022	19	Yes	57	n/a	n/a	n/a	73.68	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.1	n/a	8/25/2022	19	Yes	57	n/a	n/a	n/a	73.68	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	137.4	n/a	8/25/2022	130	No	57	69.25	31.7	31.7	3.509	None	No	0.0004426	Param Inter 1 of 2
Total Dissolved Solids (mg/L)	GWC-4	137.4	n/a	8/25/2022	170	Yes	57	69.25	31.7	31.7	3.509	None	No	0.0004426	Param Inter 1 of 2

Exceeds Limit: GWC-10, GWC-20

Prediction Limit

Interwell Non-parametric



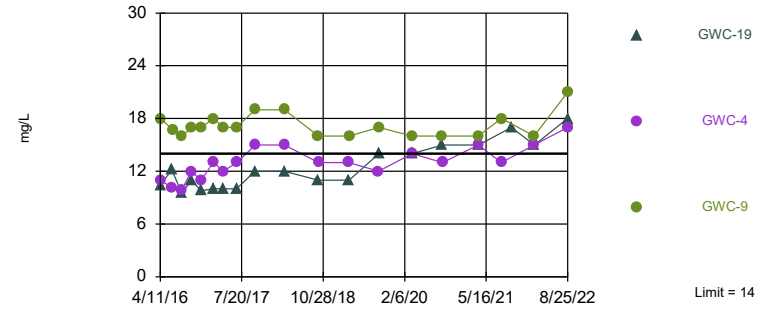
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 57 background values. 98.25% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

Constituent: Boron Analysis Run 12/13/2022 7:47 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit: GWC-19, GWC-4, GWC-9

Prediction Limit

Interwell Non-parametric



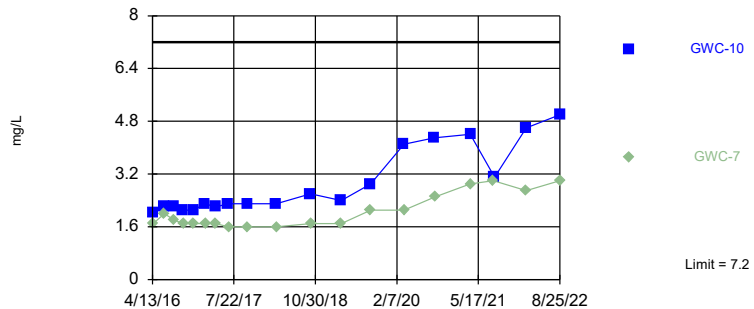
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 57 background values. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

Constituent: Calcium Analysis Run 12/13/2022 7:47 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 57 background values. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

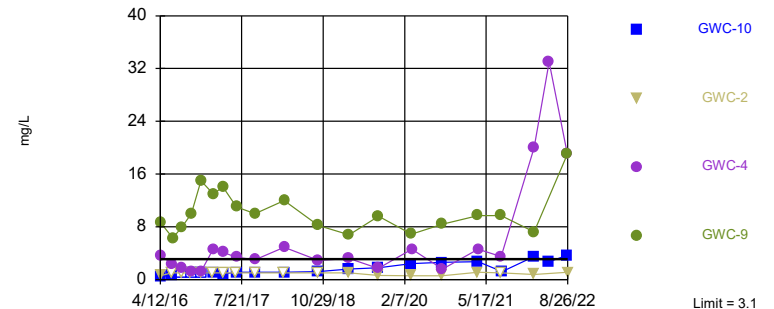
Constituent: Chloride Analysis Run 12/13/2022 7:47 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Hollow symbols indicate censored values.

Exceeds Limit: GWC-10, GWC-4, GWC-9

Prediction Limit

Interwell Non-parametric



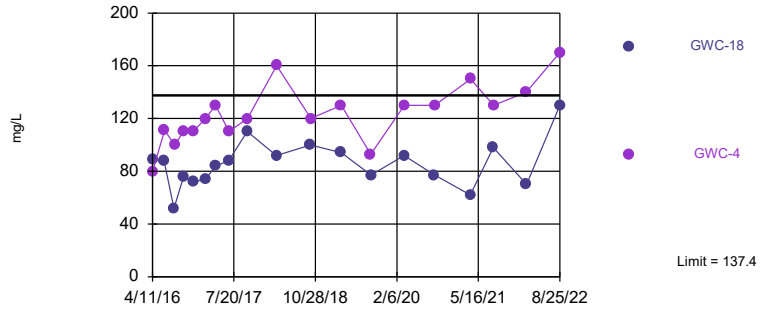
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 57 background values. 73.68% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

Constituent: Sulfate Analysis Run 12/13/2022 7:47 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit: GWC-4

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=69.25, Std. Dev.=31.7, n=57, 3.509% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9892, critical = 0.944. Kappa = 2.151 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Comparing 2 points to limit. Assumes 15 future values.

Constituent: Total Dissolved Solids Analysis Run 12/13/2022 7:47 AM View: Appendix III - Exceedances
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/13/2022 7:49 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-20	GWC-10
4/6/2016	<0.08	<0.08	<0.08		
4/12/2016				<0.08	
4/13/2016					<0.08 (D)
6/15/2016	<0.08	0.0028 (J)	<0.08		
6/16/2016				<0.08	
6/21/2016					<0.08
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	
8/15/2016					<0.08
10/4/2016	<0.08		<0.08		
10/5/2016		<0.08		<0.08	<0.08
11/29/2016		<0.08	<0.08		
11/30/2016	<0.08			<0.08	
12/1/2016					<0.08
2/7/2017	<0.08	<0.08	<0.08		
2/8/2017				<0.08	<0.08
4/4/2017	<0.08	<0.08	<0.08		
4/6/2017				<0.08	<0.08
6/20/2017	<0.08	<0.08	<0.08		
6/21/2017				<0.08	<0.08
10/4/2017	<0.08				
10/5/2017		<0.08	<0.08	<0.08	<0.08
3/20/2018	<0.08 (D)	<0.08	<0.08		
3/21/2018				<0.08	<0.08
10/2/2018	<0.08	<0.08	<0.08		<0.08
10/3/2018				<0.08	
3/26/2019	<0.08	<0.08	<0.08	<0.08	
3/27/2019					<0.08
9/10/2019	<0.08	<0.08	<0.08		
9/11/2019					<0.08
9/12/2019				<0.08	
3/18/2020	<0.08	<0.08	<0.08		<0.08
3/19/2020				<0.08	
9/9/2020	<0.08	<0.08	<0.08		<0.08
9/10/2020				<0.08	
4/1/2021	<0.08	<0.08	<0.08		<0.08
4/5/2021				<0.08	
8/11/2021	<0.08	<0.08	<0.08	<0.08	
8/17/2021					<0.08
2/15/2022	<0.08	<0.08	<0.08		<0.08
2/16/2022				<0.08	
8/24/2022		<0.08			
8/25/2022	<0.08		<0.08	0.12	0.11

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/13/2022 7:49 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-4	GWC-9
4/6/2016	3.62	6.58	12.1			
4/11/2016				10.4		
4/12/2016					11	
4/13/2016						18 (D)
6/15/2016	4.5	6.9	11.8			
6/16/2016				12.2		
6/20/2016					10.1	
6/22/2016						16.7
8/10/2016	3.8	5.5	10			
8/11/2016				9.5		
8/12/2016					9.9	
8/15/2016						16
10/4/2016	5.3		14			
10/5/2016		6.8		11		
10/6/2016					12	17
11/29/2016		4.8	10	9.8		
11/30/2016	4.7				11	
12/1/2016						17
2/7/2017	3.8	7.8	12			
2/8/2017				10	13	18
4/4/2017	3.8	6.4	11			
4/5/2017				10		
4/6/2017					12	17
6/20/2017	4.1	7	11			
6/21/2017				10 (D)		17 (D)
6/22/2017					13 (D)	
10/4/2017	4.6					
10/5/2017		6.6	13	12		19
10/6/2017					15	
3/20/2018	4.2 (D)	6.6	12	12		
3/21/2018					15	19
10/2/2018	4.2	5.8	11	11		16
10/3/2018					13	
3/26/2019	4	6.7	11	11	13	
3/27/2019						16
9/10/2019	4.8	7.5	12		12	
9/11/2019						17
9/12/2019				14		
3/18/2020	3.8	7.3	12			16
3/19/2020				14	14	
9/9/2020	4	7.3	11	15		16
9/10/2020					13	
4/1/2021	4	7.8	12			16
4/2/2021					15	
4/5/2021				15		
8/11/2021	4.1	7.3	11			
8/12/2021					13	18
10/7/2021				17		
2/15/2022	3.6	7.1	10		15	16
2/16/2022				15		
8/24/2022		8.9				
8/25/2022	4.9		13	18	17	21

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/13/2022 7:49 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-10	GWC-7
4/6/2016	5.342	1.69	1.789		
4/13/2016				2.04 (D)	1.68 (D)
6/15/2016	5.2	1.9	2.1		
6/20/2016					2
6/21/2016				2.2	
8/10/2016	5.5	1.7	1.8		
8/15/2016				2.2	1.8
10/4/2016	5.4		1.7		
10/5/2016		1.6		2.1	
10/6/2016					1.7
11/29/2016		1.7	1.7		
11/30/2016	5.4				
12/1/2016				2.1	1.7
2/7/2017	5.1	1.6	1.6		
2/8/2017				2.3	
2/9/2017					1.7
4/4/2017	5.1	1.5	1.6		
4/6/2017				2.2	
4/7/2017					1.7
6/20/2017	5.2	1.5	1.6		
6/21/2017				2.3	
6/22/2017					1.6
10/4/2017	5.2				
10/5/2017		1.5	1.5	2.3	
10/6/2017					1.6
3/20/2018	5.6 (D)	1.4	1.5		
3/21/2018				2.3	
3/22/2018					1.6
10/2/2018	6.3	1.5	1.6	2.6	
10/4/2018					1.7
3/26/2019	5.5	1.3	1.5		
3/27/2019				2.4	1.7
9/10/2019	5.2	1.3	1.4		
9/11/2019				2.9	2.1
3/18/2020	5.4	2	1.7	4.1	
3/19/2020					2.1
9/9/2020	6.1	1.3	1.6	4.3	
9/10/2020					2.5
4/1/2021	7	1.5	1.8	4.4	2.9
8/11/2021	7.2	1.4	1.8		3
8/17/2021				3.1	
2/15/2022	6.5	1.4	1.6	4.6	2.7
8/24/2022		1.4			
8/25/2022	6.9		1.6	5	3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/13/2022 7:49 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-2	GWC-9	GWC-10
4/6/2016	0.799 (J)	<1	<1				
4/12/2016				3.56	0.56 (J)		
4/13/2016						8.66 (D)	0.51 (JD)
6/15/2016	<1	<1	<1				
6/16/2016					<1		
6/20/2016				2.4			
6/21/2016							0.58 (J)
6/22/2016						6.3	
8/10/2016	<1	<1	<1				
8/11/2016					<1		
8/15/2016						8	<1
8/16/2016				1.7			
10/4/2016	<1		<1		<1		
10/5/2016		<1					<1
10/6/2016				1.2		10	
11/29/2016		<1	<1				
11/30/2016	<1			1.2	<1		
12/1/2016						15	<1
2/7/2017	0.8 (J)	<1	<1		<1		
2/8/2017				4.6		13	1
4/4/2017	<1	<1	<1				
4/6/2017				4.1	<1	14	0.81 (J)
6/20/2017	<1	<1	<1		<1		
6/21/2017						11	1.1
6/22/2017				3.4			
10/4/2017	<1				<1		
10/5/2017		<1	<1			10	1.1
10/6/2017				3			
3/20/2018	1.2	<1	<1		<1		
3/21/2018				4.9		12	1.1
10/2/2018	<1	<1	<1		<1	8.2	1.2
10/3/2018				2.9			
3/26/2019	2.1	0.58 (J)	<1	3.2	0.99 (J)		
3/27/2019						6.8	1.6
9/10/2019	0.65 (J)	0.44 (J)	<1	1.7	0.63 (J)		
9/11/2019						9.6	1.8
3/18/2020	3.1	0.51 (J)	0.67 (J)		0.59 (J)	6.9	2.4
3/19/2020				4.6			
9/9/2020	1.6	<1	<1		0.59 (J)	8.4	2.6
9/10/2020				1.6			
4/1/2021	2.7	<1	<1		1.1	9.7	2.7
4/2/2021				4.6			
8/11/2021	1.3	<1	<1				
8/12/2021				3.5	<1	9.7	
8/17/2021							1.2
2/15/2022	2.6	<1	<1	20	0.79 (J)	7.2	3.5
5/12/2022				33 (R)			2.7 (R)
8/24/2022		<1					
8/25/2022	1.9		<1	19		19	3.7
8/26/2022					1.1		

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/13/2022 7:49 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-18	GWC-4
4/6/2016	38	61	84		
4/11/2016				89	
4/12/2016					80
6/15/2016	<10	113	139		
6/16/2016				88	
6/20/2016					111
8/10/2016	56	74	80		
8/11/2016				52	
8/16/2016					100
10/4/2016	48		62		
10/5/2016		44		76	
10/6/2016					110
11/29/2016		58	110	72	
11/30/2016	46				110
2/7/2017	18	4 (J)	70		
2/8/2017				74	120
4/4/2017	32	78	120		
4/6/2017				84	130
6/20/2017	38	50	76		
6/21/2017				88	
6/22/2017					110
10/4/2017	42				
10/5/2017		64	110	110	
10/6/2017					120
3/20/2018	20 (JX)	90	110	92	
3/21/2018					160
10/2/2018	48	90	110	100	
10/3/2018					120
3/26/2019	45	82	100	94	130
9/10/2019	42	51	75		93
9/11/2019				77	
3/18/2020	43	75	93	92	
3/19/2020					130
9/9/2020	<10	64	66	77	
9/10/2020					130
4/1/2021	55	68	100	62	
4/2/2021					150
8/11/2021	55	94	100	98	
8/12/2021					130
2/15/2022	42	79	99		140
2/16/2022				70	
8/24/2022		110			
8/25/2022	86		130	130	170

FIGURE H.

Appendix I Interwell Prediction Limits - All Results (No Significant)

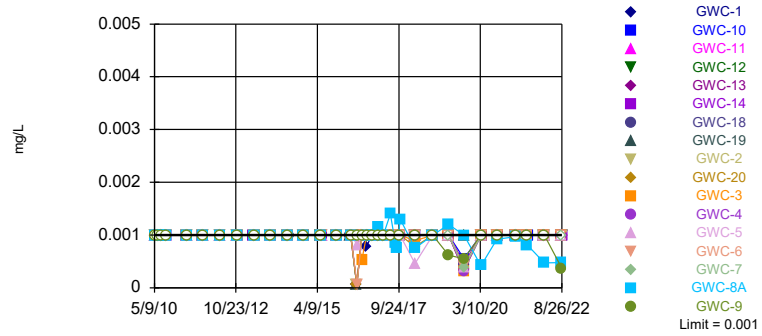
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/29/2022, 5:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWC-1	0.001	n/a	8/24/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-10	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-11	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-12	0.001	n/a	8/26/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-13	0.001	n/a	8/26/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-14	0.001	n/a	8/26/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-18	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-19	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-2	0.001	n/a	8/26/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-20	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-3	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-4	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-5	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-6	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-7	0.001	n/a	8/25/2022	0.001ND	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-8A	0.001	n/a	8/25/2022	0.00048J	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-9	0.001	n/a	8/25/2022	0.00037J	No	99	n/a	n/a	96.97	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	8/24/2022	0.001ND	No	84	n/a	n/a	100	n/a	n/a	0.0002703	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	8/26/2022	0.001ND	No	84	n/a	n/a	100	n/a	n/a	0.0002703	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	8/25/2022	0.001ND	No	84	n/a	n/a	100	n/a	n/a	0.0002703	NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit

Interwell Non-parametric



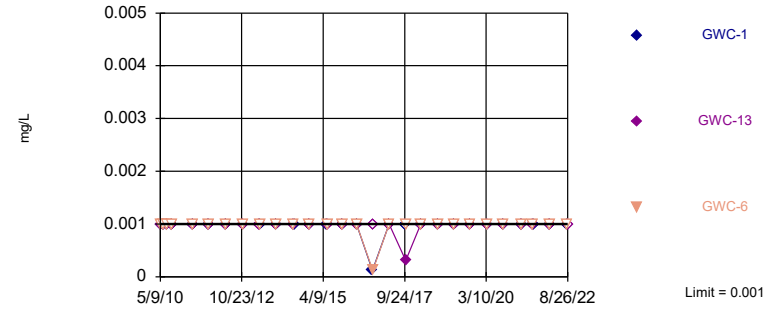
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 99 background values. 96.97% NDs. Annual per-constituent alpha = 0.006628. Individual comparison alpha = 0.0001956 (1 of 2). Comparing 17 points to limit.

Constituent: Arsenic, Total Analysis Run 11/29/2022 5:01 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 84) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.009151. Individual comparison alpha = 0.0002703 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

Constituent: Silver Analysis Run 11/29/2022 5:01 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 11/29/2022 5:02 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWC-13	GWC-12	GWA-16 (bg)	GWC-11	GWC-10	GWC-7
5/8/2010	<0.001								
5/9/2010		<0.001	<0.001	<0.001	<0.001	<0.001			
5/10/2010							<0.001	<0.001	<0.001
5/11/2010									
6/16/2010	<0.001					<0.001	<0.001	<0.001	
6/17/2010									
6/18/2010		<0.001	<0.001	<0.001	<0.001				<0.001
6/19/2010									
7/26/2010	<0.001								
7/27/2010					<0.001	<0.001	<0.001		
7/28/2010		<0.001	<0.001					<0.001	<0.001
7/29/2010				<0.001					
9/7/2010	<0.001					<0.001			
9/8/2010					<0.001		<0.001	<0.001	
9/9/2010		<0.001	<0.001	<0.001					<0.001
4/26/2011				<0.001					
4/28/2011									
4/29/2011	<0.001				<0.001	<0.001	<0.001	<0.001	
4/30/2011		<0.001	<0.001						<0.001
10/27/2011							<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
10/29/2011									<0.001
5/2/2012	<0.001	<0.001				<0.001			
5/3/2012			<0.001		<0.001				
5/4/2012				<0.001			<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001				<0.001			
11/10/2012			<0.001		<0.001		<0.001		<0.001
11/11/2012				<0.001				<0.001	
5/8/2013	<0.001	<0.001	<0.001	<0.001		<0.001			
5/9/2013					<0.001		<0.001	<0.001	<0.001
5/10/2013									
11/5/2013		<0.001	<0.001					<0.001	
11/6/2013	<0.001				<0.001	<0.001	<0.001		
11/7/2013				<0.001					<0.001
5/20/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
5/21/2014								<0.001	<0.001
5/22/2014									
5/23/2014									
11/8/2014	<0.001					<0.001			
11/9/2014									
11/12/2014		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
11/13/2014									
5/22/2015	<0.001	<0.001				<0.001			
5/23/2015					<0.001			<0.001	
5/24/2015			<0.001	<0.001			<0.001		<0.001
11/9/2015	<0.001					<0.001			
11/10/2015									
11/11/2015		<0.001	<0.001						<0.001
11/12/2015				<0.001	<0.001		<0.001	<0.001	
4/6/2016	<0.001	<0.001				<0.001			
4/11/2016									
4/12/2016									

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 11/29/2022 5:02 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWC-13	GWC-12	GWA-16 (bg)	GWC-11	GWC-10	GWC-7
4/13/2016			<0.001 (D)	<0.001 (D)	<0.001 (D)		<0.001 (D)	<0.001 (D)	<0.001 (D)
4/19/2016									
6/15/2016	<0.001	<0.001				<0.001			
6/16/2016									
6/20/2016									<0.001
6/21/2016			<0.001	<0.001	<0.001		<0.001	<0.001	
6/22/2016									
8/10/2016	<0.001	<0.001				<0.001			
8/11/2016									
8/12/2016									
8/15/2016			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
8/16/2016									
10/4/2016		<0.001	<0.001			<0.001			
10/5/2016	<0.001				<0.001		<0.001	<0.001	
10/6/2016									<0.001
10/7/2016				<0.001					
10/10/2016									
11/29/2016	<0.001					<0.001			
11/30/2016		<0.001							
12/1/2016			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/7/2017	<0.001	<0.001	<0.001			<0.001			
2/8/2017							<0.001	<0.001	
2/9/2017				<0.001					<0.001
4/4/2017	<0.001	<0.001				<0.001			
4/5/2017					<0.001				
4/6/2017			<0.001	<0.001			<0.001	<0.001	
4/7/2017									<0.001
6/20/2017	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		
6/21/2017								<0.001	
6/22/2017				<0.001					<0.001
8/15/2017									
9/1/2017									
10/4/2017		<0.001							
10/5/2017	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001	
10/6/2017				<0.001					<0.001
10/9/2017									
3/20/2018	<0.001	<0.001 (D)	<0.001			<0.001			
3/21/2018					<0.001 (D)		<0.001	<0.001	
3/22/2018				<0.001					<0.001
10/2/2018	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
10/3/2018				<0.001					
10/4/2018									<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/27/2019							<0.001	<0.001	<0.001
9/10/2019	0.00069 (J)	0.00032 (J)				0.00049 (J)			
9/11/2019			0.00045 (J)	0.00042 (J)	0.00038 (J)		0.00045 (J)	0.00055 (J)	0.00038 (J)
9/12/2019									
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/19/2020									<0.001
9/9/2020	<0.001	<0.001	<0.001			<0.001		<0.001	
9/10/2020				<0.001	<0.001		<0.001		<0.001
4/1/2021	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 11/29/2022 5:02 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWC-13	GWC-12	GWA-16 (bg)	GWC-11	GWC-10	GWC-7
4/2/2021									
4/5/2021									
4/6/2021				<0.001					
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/12/2021									
8/17/2021								<0.001	
8/18/2021									
2/15/2022	<0.001	<0.001				<0.001		<0.001	<0.001
2/16/2022			<0.001	<0.001	<0.001		<0.001		
8/24/2022	<0.001								
8/25/2022		<0.001				<0.001	<0.001	<0.001	<0.001
8/26/2022			<0.001	<0.001	<0.001				

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 11/29/2022 5:02 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-9	GWC-18	GWC-5	GWC-19	GWC-3	GWC-20	GWC-4	GWC-1
5/8/2010									
5/9/2010									
5/10/2010	<0.001	<0.001	<0.001						
5/11/2010				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010		<0.001	<0.001		<0.001				
6/17/2010						<0.001	<0.001	<0.001	<0.001
6/18/2010				<0.001					
6/19/2010	<0.001								
7/26/2010			<0.001						
7/27/2010		<0.001		<0.001	<0.001		<0.001		<0.001
7/28/2010	<0.001					<0.001		<0.001	
7/29/2010									
9/7/2010			<0.001		<0.001	<0.001	<0.001		
9/8/2010	<0.001	<0.001						<0.001	
9/9/2010				<0.001					<0.001
4/26/2011									
4/28/2011								<0.001	<0.001
4/29/2011		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
4/30/2011	<0.001								
10/27/2011	<0.001	<0.001							
10/28/2011			<0.001	<0.001	<0.001	<0.001	<0.001		
10/29/2011								<0.001	<0.001
5/2/2012			<0.001		<0.001				
5/3/2012		<0.001				<0.001	<0.001	<0.001	<0.001
5/4/2012	<0.001			<0.001					
11/9/2012			<0.001		<0.001	<0.001			<0.001
11/10/2012				<0.001			<0.001	<0.001	
11/11/2012	<0.001	<0.001							
5/8/2013			<0.001						
5/9/2013		<0.001		<0.001	<0.001		<0.001		<0.001
5/10/2013	<0.001					<0.001		<0.001	
11/5/2013									<0.001
11/6/2013		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
11/7/2013	<0.001								
5/20/2014									
5/21/2014	<0.001	<0.001							
5/22/2014				<0.001	<0.001	<0.001	<0.001	<0.001	
5/23/2014			<0.001						<0.001
11/8/2014			<0.001		<0.001				
11/9/2014				<0.001		<0.001	<0.001	<0.001	
11/12/2014		<0.001							
11/13/2014	<0.001								<0.001
5/22/2015			<0.001			<0.001		<0.001	
5/23/2015	<0.001	<0.001			<0.001				<0.001
5/24/2015				<0.001			<0.001		
11/9/2015									
11/10/2015			<0.001		<0.001	<0.001	<0.001		
11/11/2015	<0.001			<0.001				<0.001	<0.001
11/12/2015		<0.001							
4/6/2016									
4/11/2016			<0.001		<0.001				
4/12/2016						<0.001 (D)	<0.001	<0.001	<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 11/29/2022 5:02 PM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-9	GWC-18	GWC-5	GWC-19	GWC-3	GWC-20	GWC-4	GWC-1
4/13/2016		<0.001 (D)							
4/19/2016	<0.001			<0.001					
6/15/2016									
6/16/2016			<0.001		5.1E-05 (J)		5.4E-05 (J)		6E-05 (J)
6/20/2016						<0.001		<0.001	
6/21/2016									
6/22/2016		<0.001		0.0008					
8/10/2016									
8/11/2016			<0.001		<0.001		<0.001		<0.001
8/12/2016						0.00053 (J)		<0.001	
8/15/2016		<0.001							
8/16/2016				<0.001					
10/4/2016									0.00079
10/5/2016			<0.001		<0.001	<0.001	<0.001		
10/6/2016		<0.001		<0.001				<0.001	
10/7/2016									
10/10/2016	<0.001								
11/29/2016			<0.001		<0.001				
11/30/2016						<0.001	<0.001	<0.001	<0.001
12/1/2016	<0.001	<0.001		<0.001					
2/7/2017									<0.001
2/8/2017		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
2/9/2017	0.00115 (JD)			<0.001					
4/4/2017									
4/5/2017					<0.001				<0.001
4/6/2017		<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
4/7/2017	<0.001								
6/20/2017									<0.001
6/21/2017	0.0014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
6/22/2017								<0.001	
8/15/2017	0.00086								
9/1/2017	0.00075								
10/4/2017									<0.001
10/5/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
10/6/2017								<0.001	
10/9/2017	0.0013								
3/20/2018			<0.001		<0.001				<0.001
3/21/2018		<0.001				0.00089	0.00078	<0.001	
3/22/2018	0.00075			0.00046 (J)					
10/2/2018		<0.001	<0.001		<0.001				<0.001
10/3/2018				<0.001		<0.001	<0.001	<0.001	
10/4/2018	<0.001								
3/26/2019			<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019	0.0012	0.00062		<0.001					
9/10/2019						0.00032 (J)		0.00032 (J)	0.00033 (J)
9/11/2019	0.001 (J)	0.00055 (J)	0.00043 (J)	0.00038 (J)					
9/12/2019					<0.001		<0.001		
3/18/2020	0.00042 (J)	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
3/19/2020					<0.001		<0.001	<0.001	
9/9/2020	0.00092 (J)	<0.001	<0.001	<0.001	<0.001				<0.001
9/10/2020						<0.001	<0.001	<0.001	
4/1/2021		<0.001	<0.001	<0.001					<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 11/29/2022 5:02 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-9	GWC-18	GWC-5	GWC-19	GWC-3	GWC-20	GWC-4	GWC-1
4/2/2021								<0.001	
4/5/2021	0.00097 (J)				<0.001		<0.001		
4/6/2021						<0.001			
8/11/2021			<0.001		<0.001		<0.001		
8/12/2021	0.00081 (J)	<0.001		<0.001		<0.001		<0.001	
8/17/2021									
8/18/2021									<0.001
2/15/2022	0.00047 (J)	<0.001		<0.001		<0.001		<0.001	<0.001
2/16/2022			<0.001		<0.001		<0.001		
8/24/2022									<0.001
8/25/2022	0.00048 (J)	0.00037 (J)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/26/2022									

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 11/29/2022 5:02 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-6
5/8/2010		
5/9/2010		
5/10/2010		
5/11/2010	<0.001	<0.001
6/16/2010		
6/17/2010		
6/18/2010		<0.001
6/19/2010	<0.001	
7/26/2010		
7/27/2010	<0.001	<0.001
7/28/2010		
7/29/2010		
9/7/2010		
9/8/2010		
9/9/2010	<0.001	<0.001
4/26/2011		
4/28/2011	<0.001	
4/29/2011		
4/30/2011		<0.001
10/27/2011		
10/28/2011	<0.001	
10/29/2011		<0.001
5/2/2012		
5/3/2012	<0.001	
5/4/2012		<0.001
11/9/2012	<0.001	
11/10/2012		<0.001
11/11/2012		
5/8/2013		
5/9/2013	<0.001	<0.001
5/10/2013		
11/5/2013	<0.001	
11/6/2013		
11/7/2013		<0.001
5/20/2014		
5/21/2014		<0.001
5/22/2014	<0.001	
5/23/2014		
11/8/2014		
11/9/2014		<0.001
11/12/2014		
11/13/2014	<0.001	
5/22/2015		
5/23/2015		
5/24/2015	<0.001	<0.001
11/9/2015		
11/10/2015		
11/11/2015	<0.001	<0.001
11/12/2015		
4/6/2016		
4/11/2016		
4/12/2016	<0.001	<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 11/29/2022 5:02 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-6
4/13/2016		
4/19/2016		
6/15/2016		
6/16/2016	5.5E-05 (J)	
6/20/2016		6.3E-05 (J)
6/21/2016		
6/22/2016		
8/10/2016		
8/11/2016	<0.001	
8/12/2016		<0.001
8/15/2016		
8/16/2016		
10/4/2016	<0.001	
10/5/2016		
10/6/2016		<0.001
10/7/2016		
10/10/2016		
11/29/2016		
11/30/2016	<0.001	<0.001
12/1/2016		
2/7/2017	<0.001	
2/8/2017		
2/9/2017		<0.001
4/4/2017		
4/5/2017		
4/6/2017	<0.001	<0.001
4/7/2017		
6/20/2017	<0.001	
6/21/2017		<0.001
6/22/2017		
8/15/2017		
9/1/2017		
10/4/2017	<0.001	
10/5/2017		
10/6/2017		<0.001
10/9/2017		
3/20/2018	<0.001	
3/21/2018		<0.001
3/22/2018		
10/2/2018	<0.001	
10/3/2018		<0.001
10/4/2018		
3/26/2019	<0.001	<0.001
3/27/2019		
9/10/2019	0.00038 (J)	
9/11/2019		0.00041 (J)
9/12/2019		
3/18/2020	<0.001	<0.001
3/19/2020		
9/9/2020	<0.001	
9/10/2020		<0.001
4/1/2021	<0.001	

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 11/29/2022 5:02 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-6
4/2/2021		
4/5/2021		<0.001
4/6/2021		
8/11/2021		<0.001
8/12/2021	<0.001	
8/17/2021		
8/18/2021		
2/15/2022	<0.001	<0.001
2/16/2022		
8/24/2022		
8/25/2022		<0.001
8/26/2022	<0.001	

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 11/29/2022 5:02 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWC-13	GWA-16 (bg)	GWA-15 (bg)	GWC-1	GWC-6
5/8/2010	<0.001					
5/9/2010		<0.001	<0.001	<0.001		
5/11/2010					<0.001	<0.001
6/16/2010	<0.001		<0.001			
6/17/2010					<0.001	
6/18/2010		<0.001		<0.001		<0.001
7/26/2010	<0.001					
7/27/2010			<0.001		<0.001	<0.001
7/28/2010				<0.001		
7/29/2010		<0.001				
9/7/2010	<0.001		<0.001			
9/9/2010		<0.001		<0.001	<0.001	<0.001
4/26/2011		<0.001				
4/28/2011					<0.001	
4/29/2011	<0.001		<0.001			
4/30/2011				<0.001		<0.001
10/28/2011	<0.001	<0.001	<0.001	<0.001		
10/29/2011					<0.001	<0.001
5/2/2012	<0.001		<0.001	<0.001		
5/3/2012					<0.001	
5/4/2012		<0.001				<0.001
11/9/2012	<0.001		<0.001	<0.001	<0.001	
11/10/2012						<0.001
11/11/2012		<0.001				
5/8/2013	<0.001	<0.001	<0.001	<0.001		
5/9/2013					<0.001	<0.001
11/5/2013				<0.001	<0.001	
11/6/2013	<0.001		<0.001			
11/7/2013		<0.001				<0.001
5/20/2014	<0.001	<0.001	<0.001	<0.001		
5/21/2014						<0.001
5/23/2014					<0.001	
11/8/2014	<0.001		<0.001			
11/9/2014						<0.001
11/12/2014		<0.001		<0.001		
11/13/2014					<0.001	
5/22/2015	<0.001		<0.001	<0.001		
5/23/2015					<0.001	
5/24/2015		<0.001				<0.001
11/9/2015	<0.001		<0.001			
11/11/2015				<0.001	<0.001	<0.001
11/12/2015		<0.001				
4/6/2016	<0.001		<0.001	<0.001		
4/12/2016					<0.001	<0.001
4/13/2016		<0.001 (D)				
10/4/2016			<0.001	<0.001	0.00012 (J)	
10/5/2016	<0.001					
10/6/2016						0.00012 (J)
10/7/2016		<0.001				
4/4/2017	<0.001		<0.001	<0.001		
4/5/2017					<0.001	
4/6/2017		<0.001				<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 11/29/2022 5:02 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWC-13	GWA-16 (bg)	GWA-15 (bg)	GWC-1	GWC-6
10/4/2017				<0.001	<0.001	
10/5/2017	<0.001		<0.001			
10/6/2017		0.00031				<0.001
3/20/2018	<0.001		<0.001	<0.001 (D)	<0.001	
3/21/2018						<0.001
3/22/2018		<0.001				
10/2/2018	<0.001		<0.001	<0.001	<0.001	
10/3/2018		<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	<0.001		<0.001	<0.001	<0.001	
9/11/2019		<0.001				<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001		<0.001	<0.001	<0.001	
9/10/2020		<0.001				<0.001
4/1/2021	<0.001		<0.001	<0.001	<0.001	
4/5/2021						<0.001
4/6/2021		<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001		<0.001
8/18/2021					<0.001	
2/15/2022	<0.001		<0.001	<0.001	<0.001	<0.001
2/16/2022		<0.001				
8/24/2022	<0.001				<0.001	
8/25/2022			<0.001	<0.001		<0.001
8/26/2022		<0.001				

FIGURE I.

Appendix I & III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/30/2022, 9:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-16 (bg)	-0.0003776	-205	-167	Yes	33	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0008881	-189	-167	Yes	33	3.03	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.001006	329	167	Yes	33	6.061	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0005161	245	167	Yes	33	3.03	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.001714	377	176	Yes	34	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.023	112	74	Yes	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-4	0.6848	98	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.2123	82	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.05993	-88	-74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.2923	143	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.1634	79	74	Yes	19	0	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-15 (bg)	0	-134	-131	Yes	28	71.43	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.391	159	81	Yes	20	15	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-4	6.979	99	74	Yes	19	0	n/a	n/a	0.01	NP

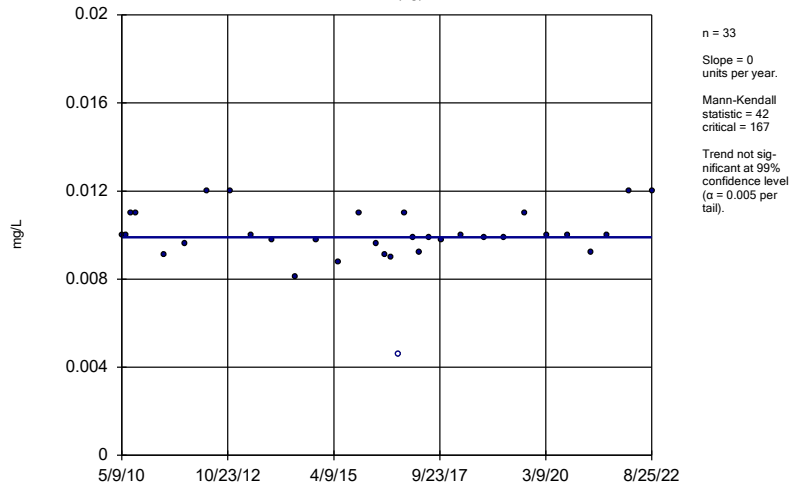
Appendix I & III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 11/30/2022, 9:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-15 (bg)	0	42	167	No	33	3.03	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-16 (bg)	-0.0003776	-205	-167	Yes	33	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0008881	-189	-167	Yes	33	3.03	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.001006	329	167	Yes	33	6.061	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0005161	245	167	Yes	33	3.03	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.001714	377	176	Yes	34	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-9	-0.0003391	-90	-167	No	33	3.03	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-15 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-16 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-17 (bg)	0	16	74	No	19	94.74	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-10	0	18	74	No	19	94.74	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-20	0	18	74	No	19	94.74	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0	2	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0	-6	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2066	74	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.023	112	74	Yes	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-4	0.6848	98	74	Yes	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-9	0	-12	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.2123	82	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-16 (bg)	-0.02542	-41	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.05993	-88	-74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.2923	143	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.1634	79	74	Yes	19	0	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-15 (bg)	0	-134	-131	Yes	28	71.43	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-16 (bg)	0	-14	-124	No	27	96.3	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-17 (bg)	0	-48	-131	No	28	85.71	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-10	0	35	131	No	28	67.86	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-19	0	-13	-124	No	27	81.48	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-9	0	-59	-131	No	28	82.14	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-15 (bg)	0	-8	-167	No	33	96.97	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-16 (bg)	0	-7	-167	No	33	90.91	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-17 (bg)	0	3	167	No	33	93.94	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWC-5	0	-2	-167	No	33	36.36	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.1983	67	74	No	19	42.11	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-16 (bg)	0	-8	-74	No	19	94.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	-19	-74	No	19	84.21	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.391	159	81	Yes	20	15	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-2	0	-4	-74	No	19	57.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	0.6409	67	81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-9	-0.06183	-5	-74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-15 (bg)	2.075	38	74	No	19	10.53	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-16 (bg)	0	2	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-17 (bg)	4.342	47	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-18	1.796	30	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-4	6.979	99	74	Yes	19	0	n/a	n/a	0.01	NP

Sen's Slope Estimator

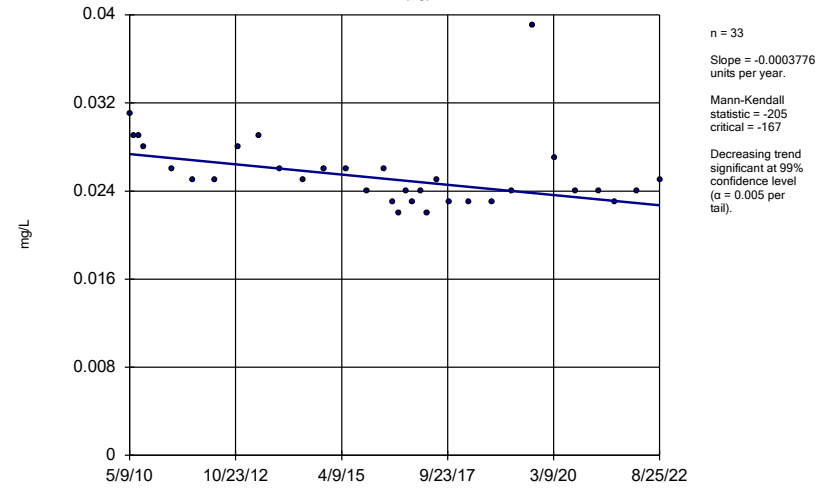
GWA-15 (bg)



Constituent: Barium, Total Analysis Run 11/30/2022 9:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

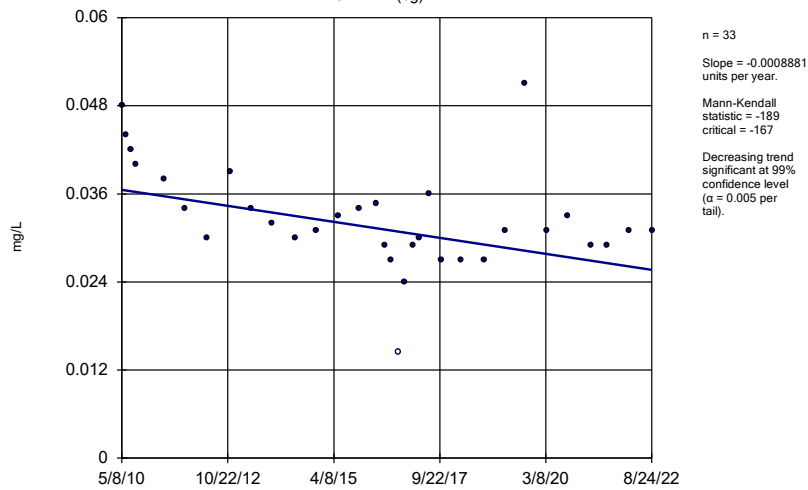
GWA-16 (bg)



Constituent: Barium, Total Analysis Run 11/30/2022 9:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

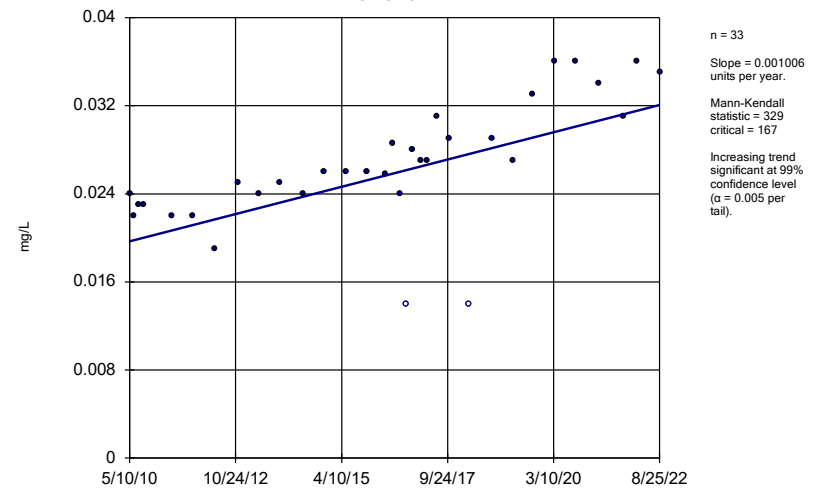
GWA-17 (bg)



Constituent: Barium, Total Analysis Run 11/30/2022 9:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

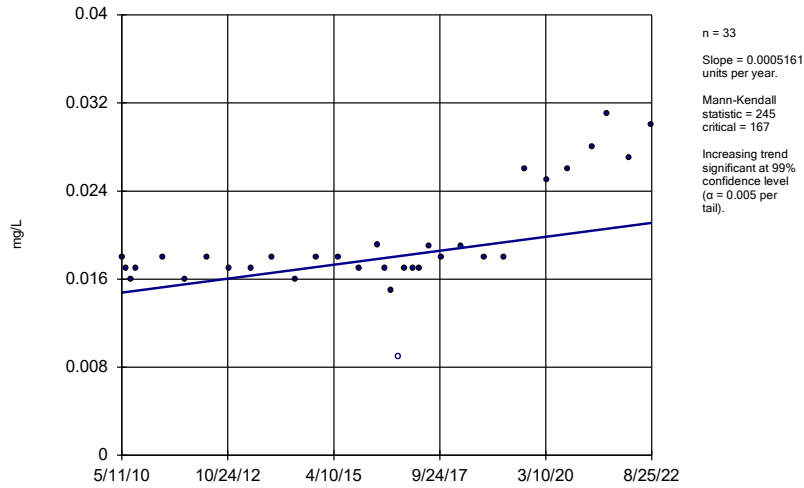
GWC-10



Constituent: Barium, Total Analysis Run 11/30/2022 9:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

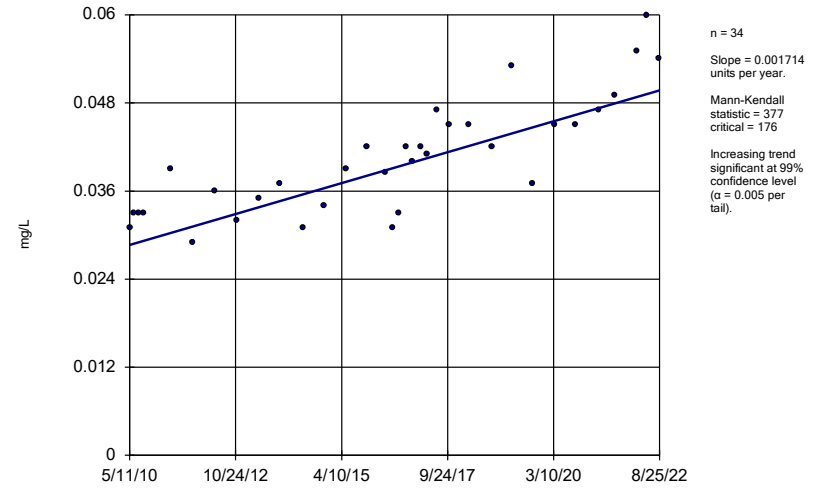
GWC-19



Constituent: Barium, Total Analysis Run 11/30/2022 9:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

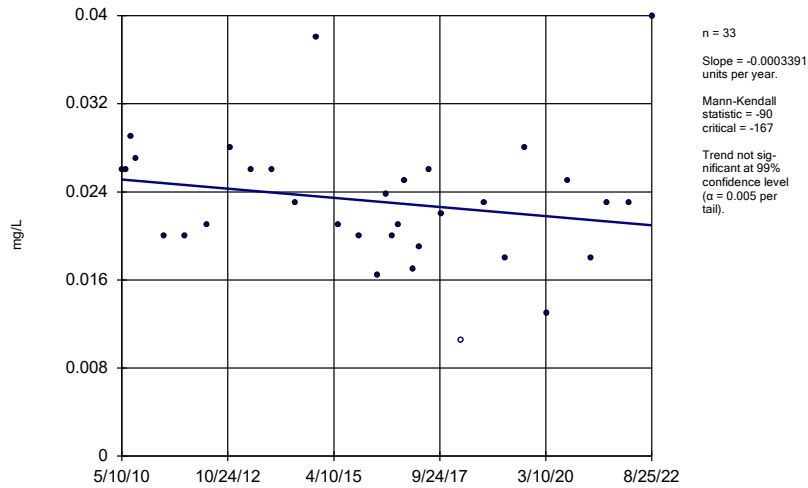
GWC-4



Constituent: Barium, Total Analysis Run 11/30/2022 9:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

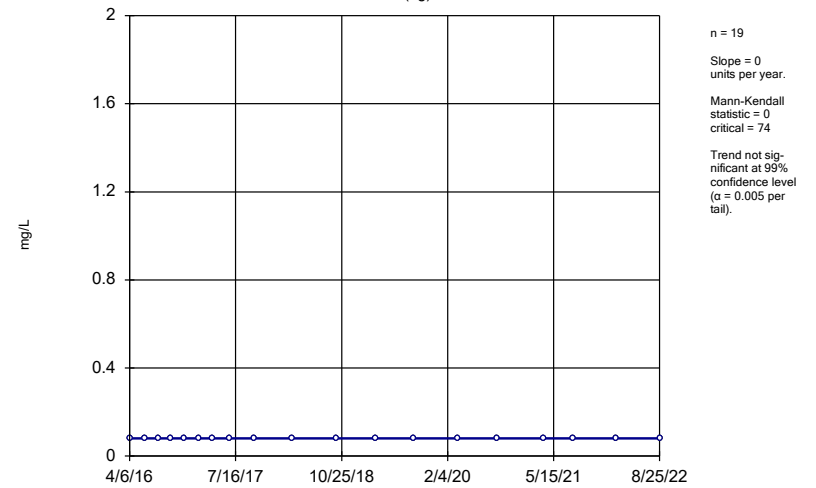
GWC-9



Constituent: Barium, Total Analysis Run 11/30/2022 9:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

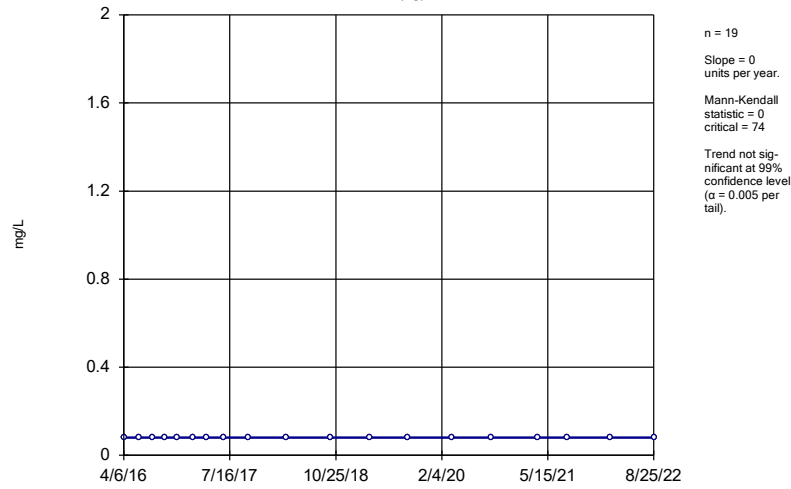
GWA-15 (bg)



Constituent: Boron Analysis Run 11/30/2022 9:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

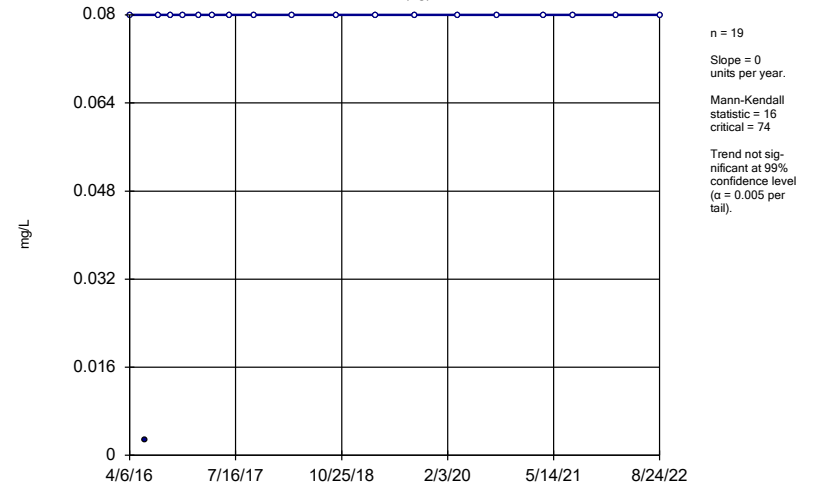
GWA-16 (bg)



Constituent: Boron Analysis Run 11/30/2022 9:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

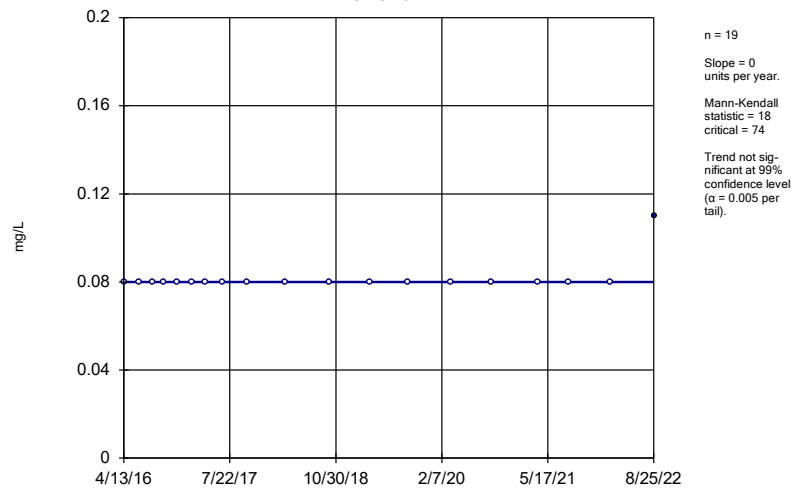
GWA-17 (bg)



Constituent: Boron Analysis Run 11/30/2022 9:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

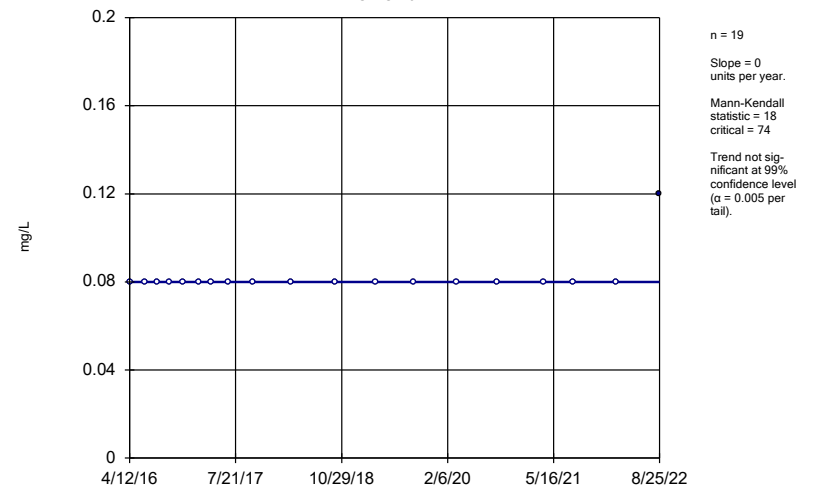
GWC-10



Constituent: Boron Analysis Run 11/30/2022 9:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

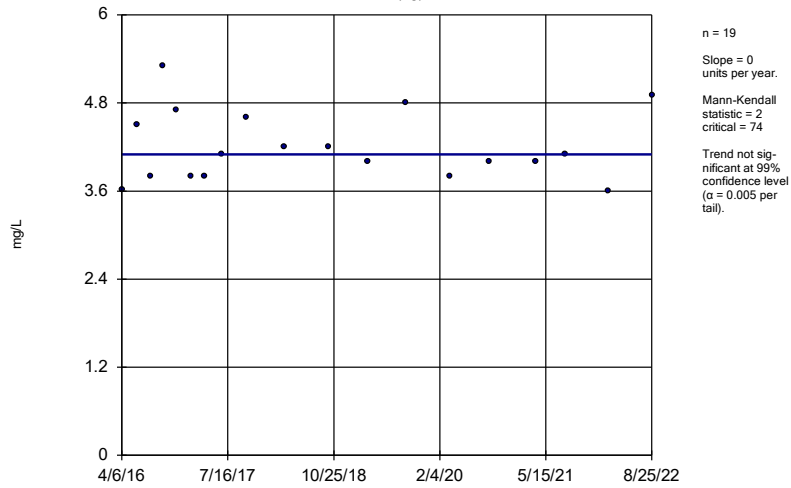
GWC-20



Constituent: Boron Analysis Run 11/30/2022 9:19 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

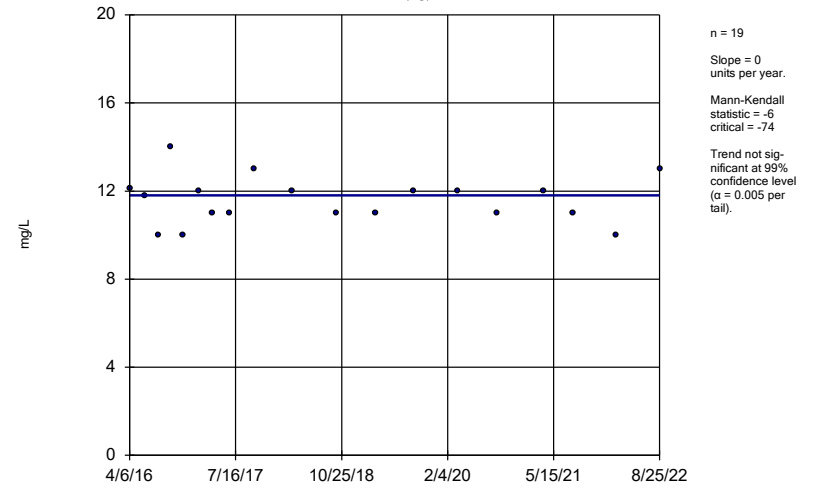
GWA-15 (bg)



Constituent: Calcium Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

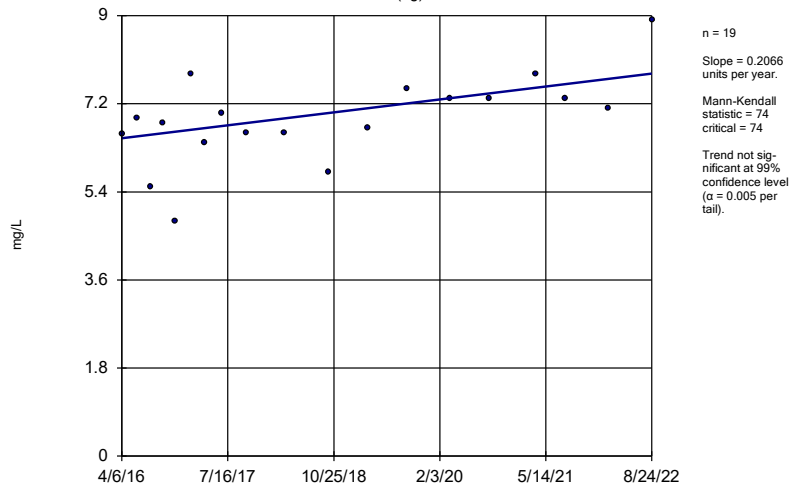
GWA-16 (bg)



Constituent: Calcium Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

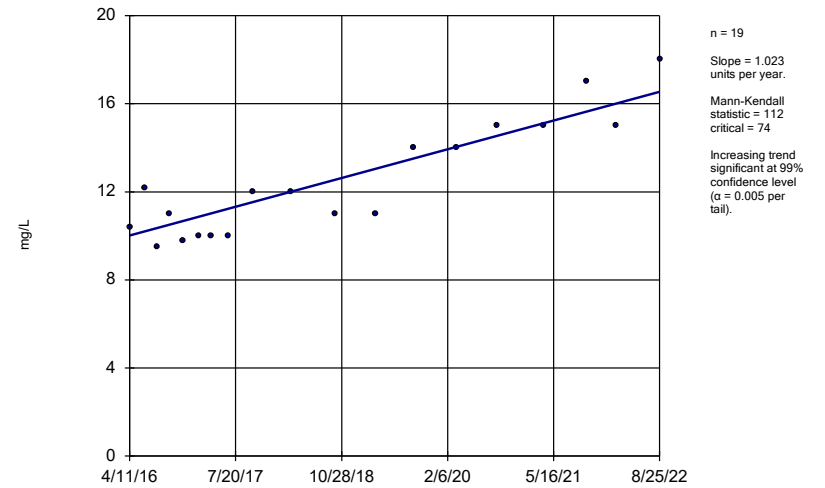
GWA-17 (bg)



Constituent: Calcium Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

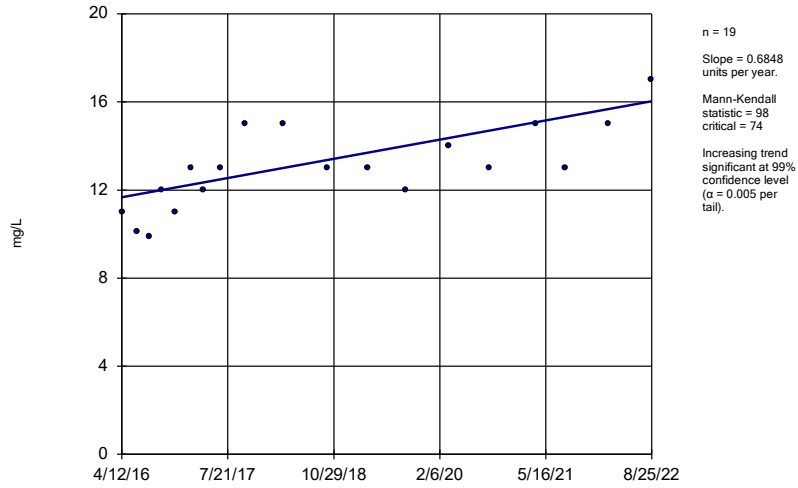
GWC-19



Constituent: Calcium Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

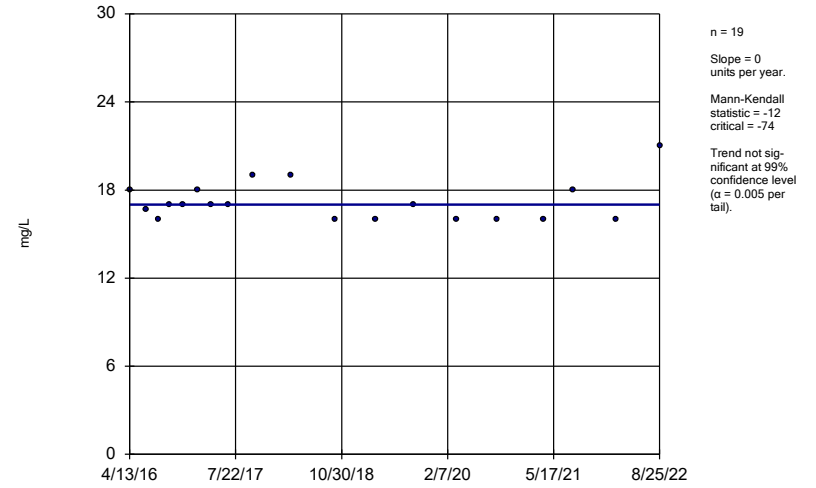
GWC-4



Constituent: Calcium Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

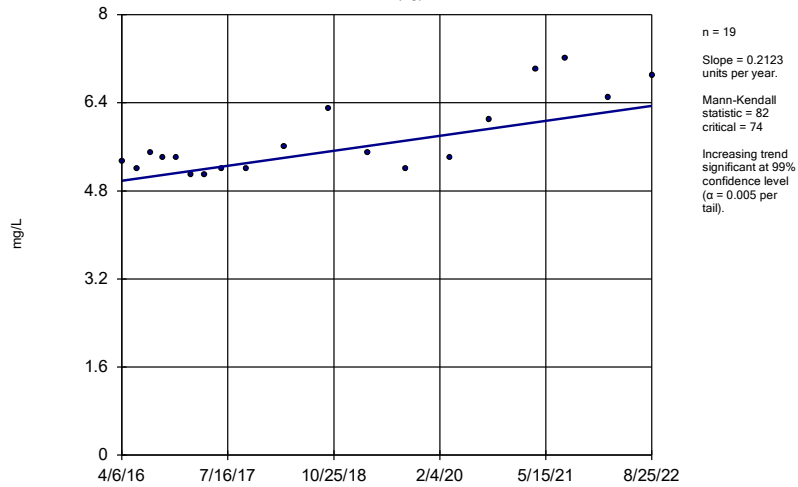
GWC-9



Constituent: Calcium Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

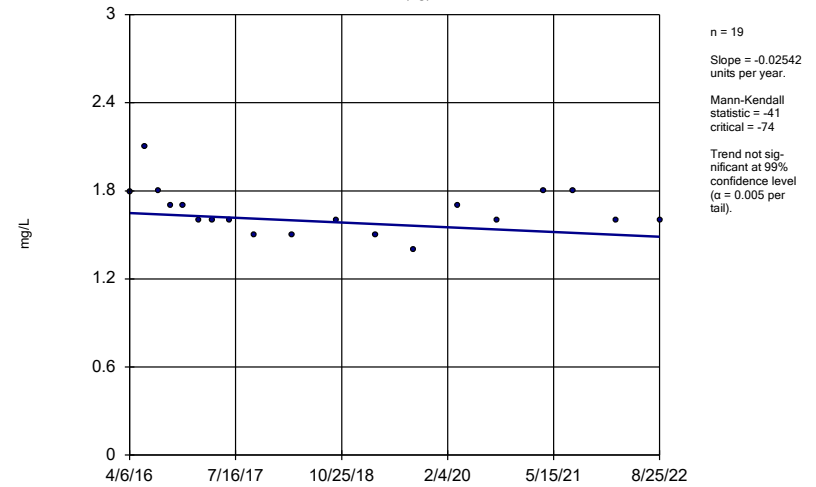
GWA-15 (bg)



Constituent: Chloride Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

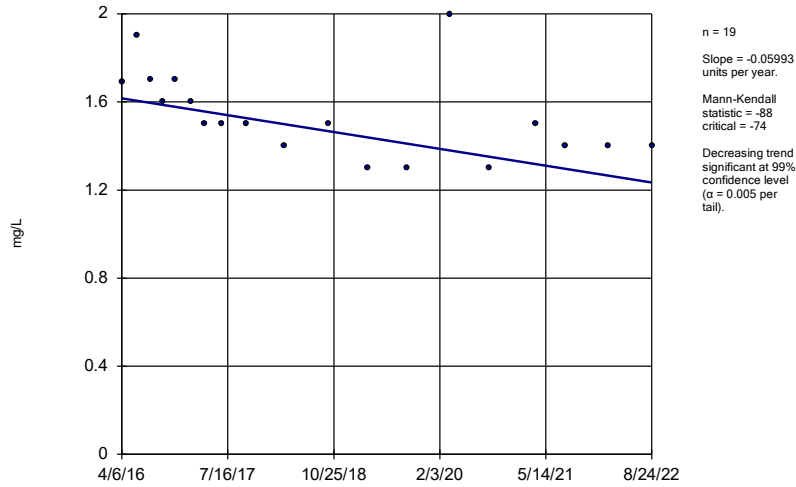
GWA-16 (bg)



Constituent: Chloride Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

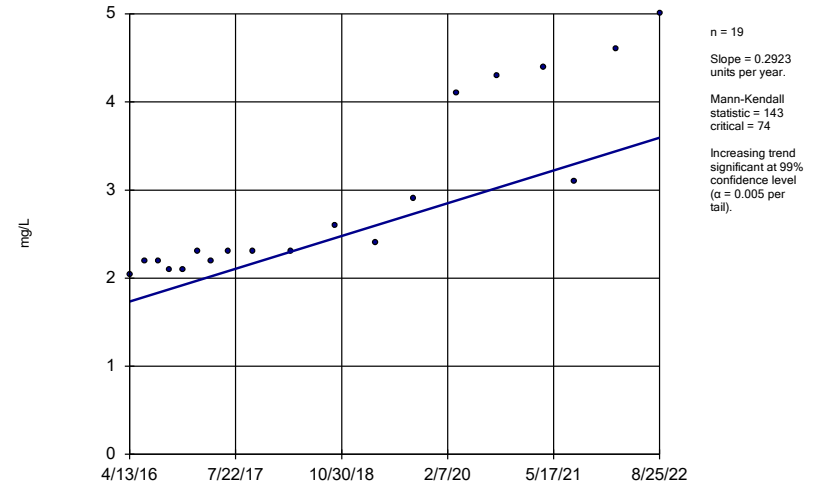
GWA-17 (bg)



Constituent: Chloride Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

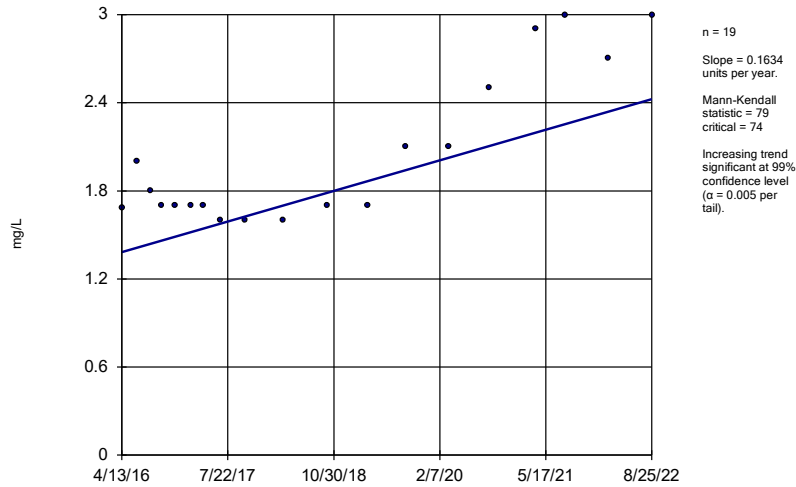
GWC-10



Constituent: Chloride Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

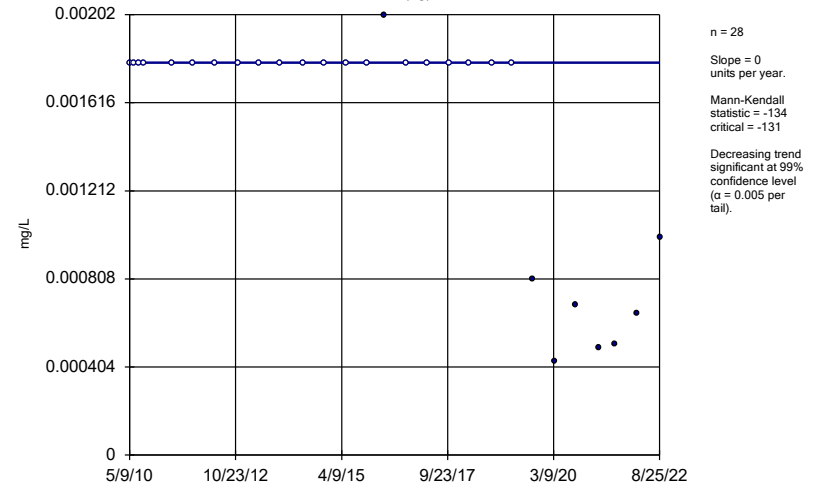
GWC-7



Constituent: Chloride Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

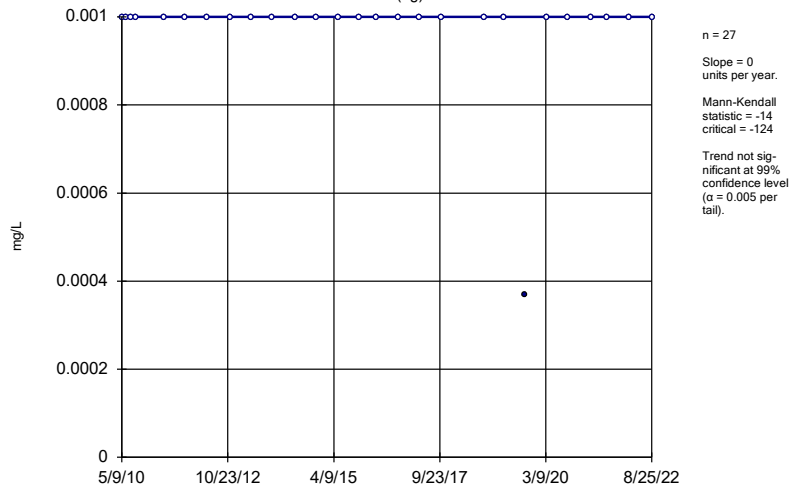
GWA-15 (bg)



Constituent: Nickel Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

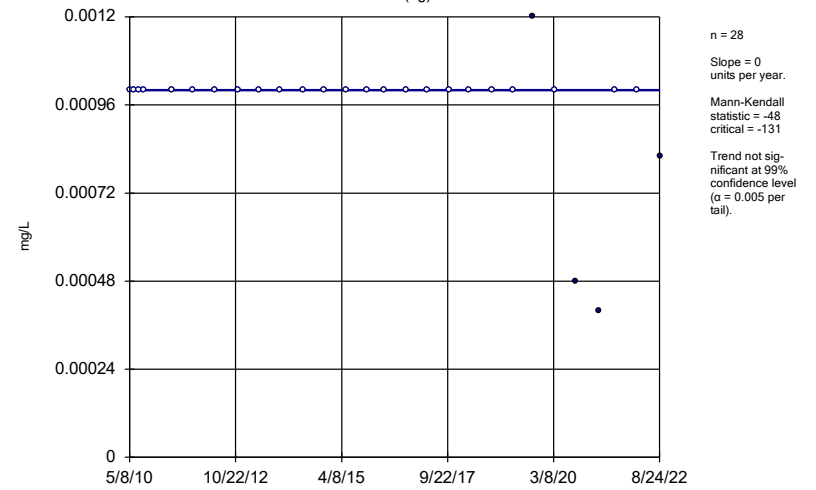
GWA-16 (bg)



Constituent: Nickel Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

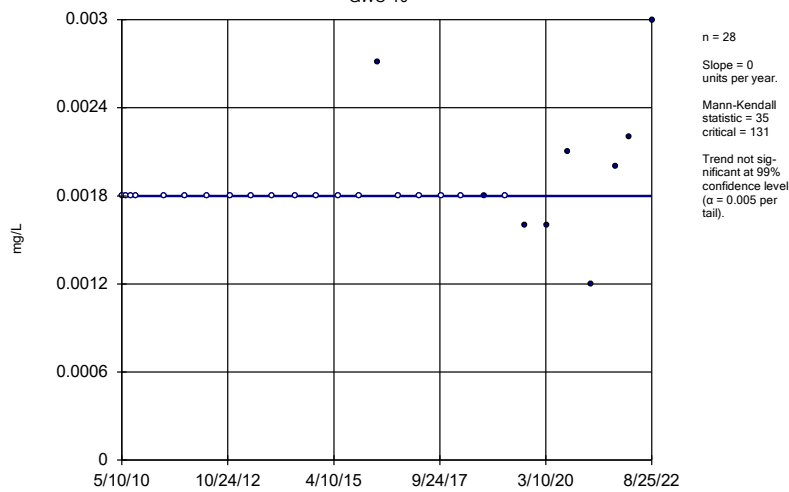
GWA-17 (bg)



Constituent: Nickel Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

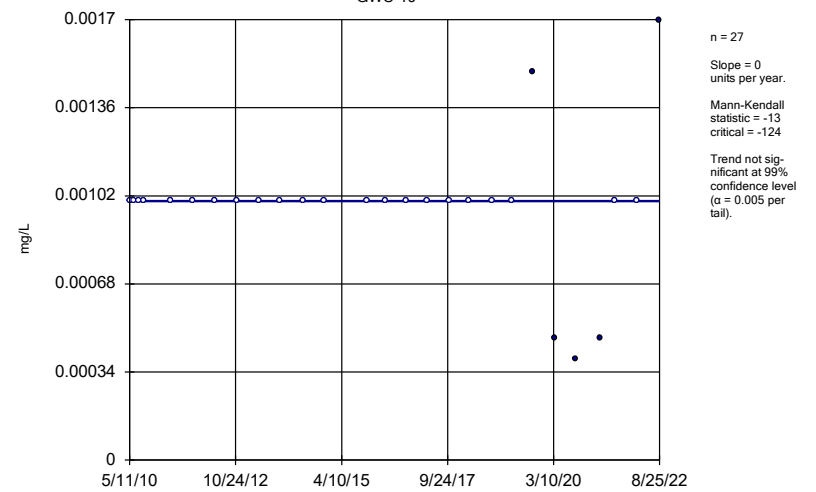
GWC-10



Constituent: Nickel Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

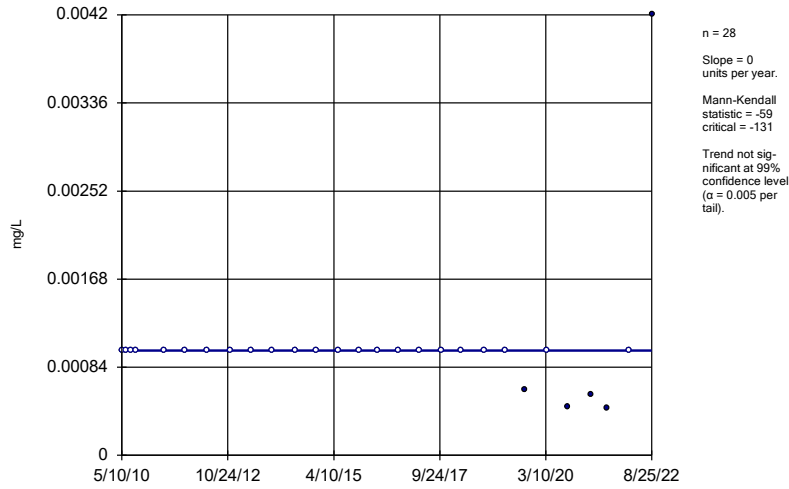
GWC-19



Constituent: Nickel Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

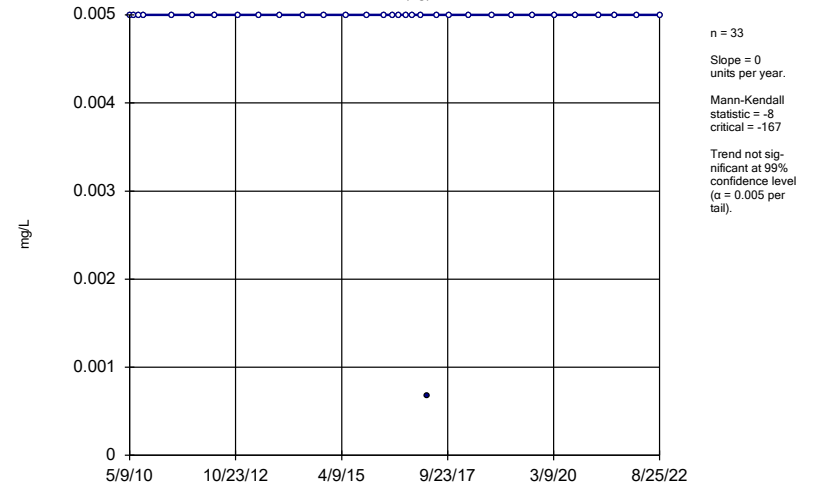
GWC-9



Constituent: Nickel Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

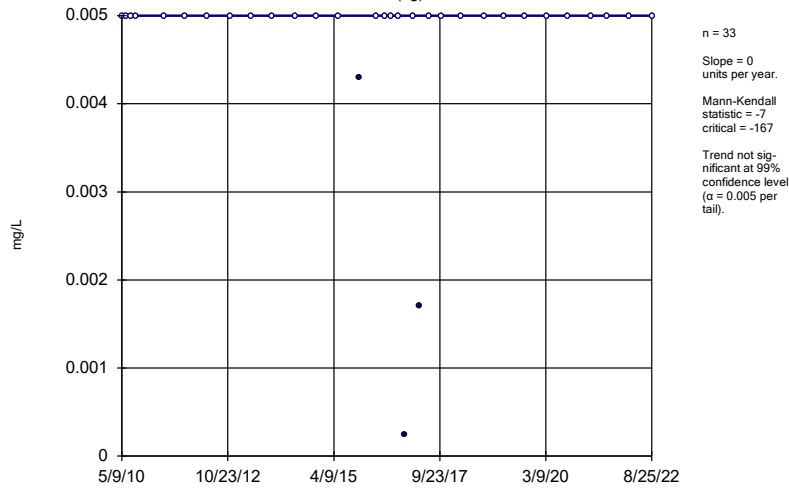
GWA-15 (bg)



Constituent: Selenium, Total Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

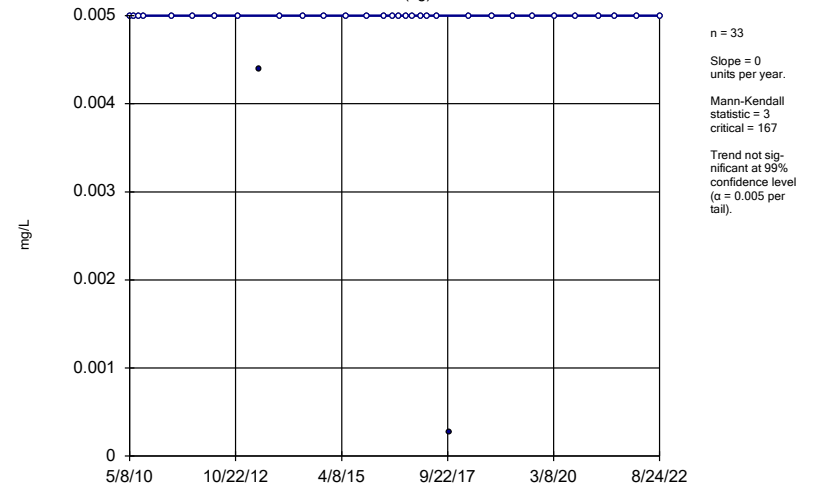
GWA-16 (bg)



Constituent: Selenium, Total Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

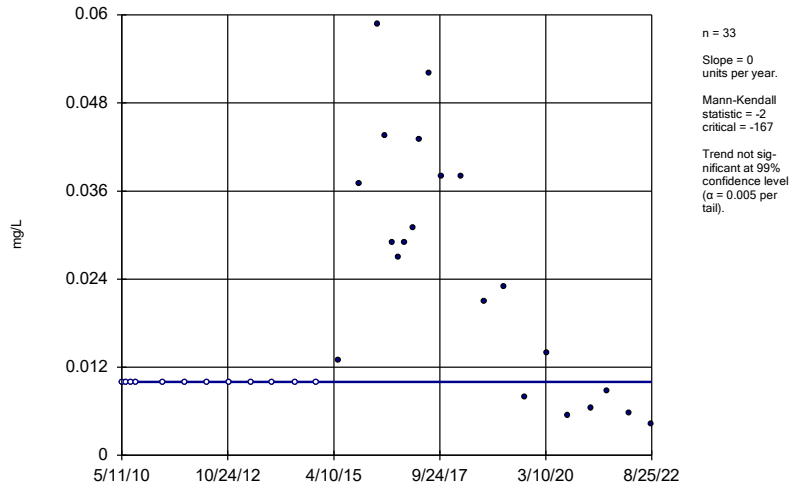
GWA-17 (bg)



Constituent: Selenium, Total Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

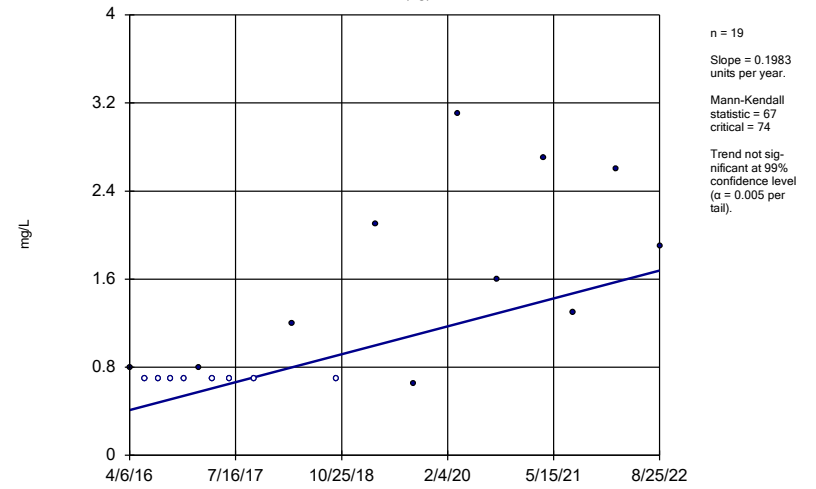
GWC-5



Constituent: Selenium, Total Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

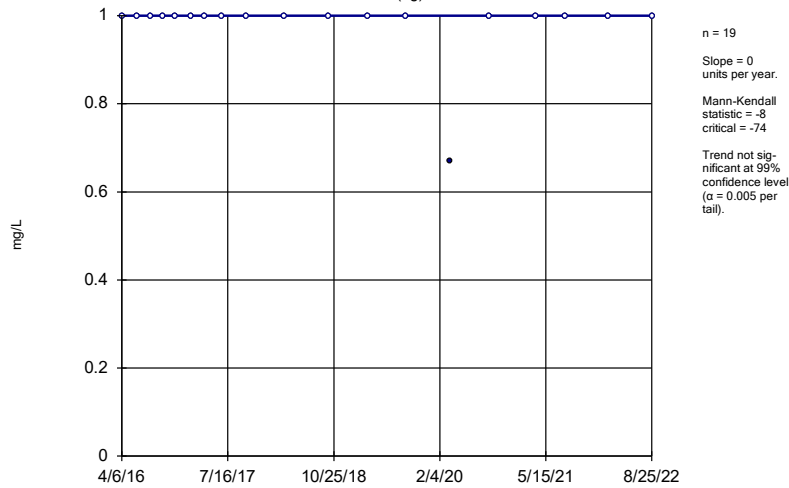
GWA-15 (bg)



Constituent: Sulfate Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

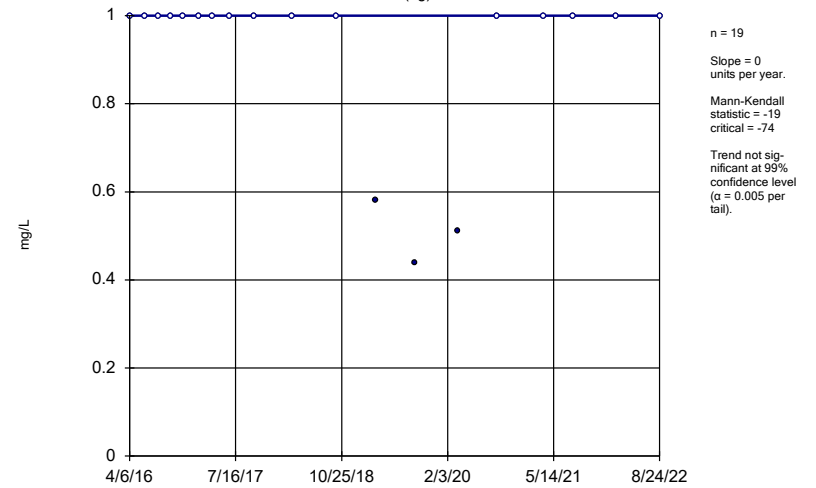
GWA-16 (bg)



Constituent: Sulfate Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

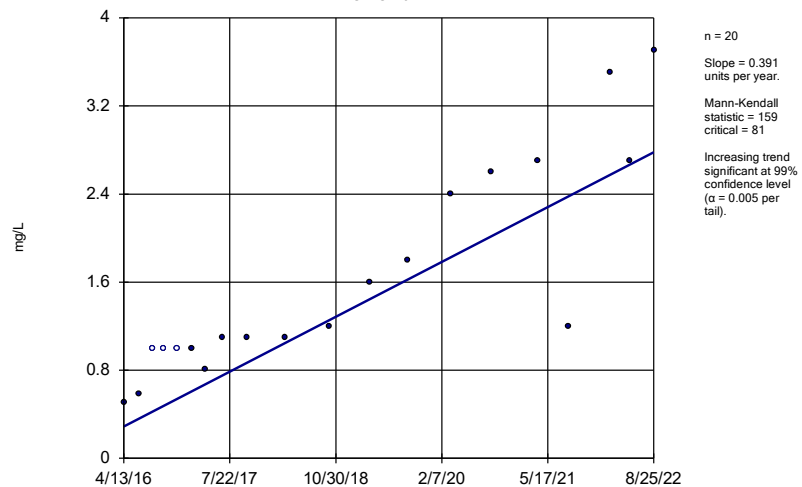
GWA-17 (bg)



Constituent: Sulfate Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

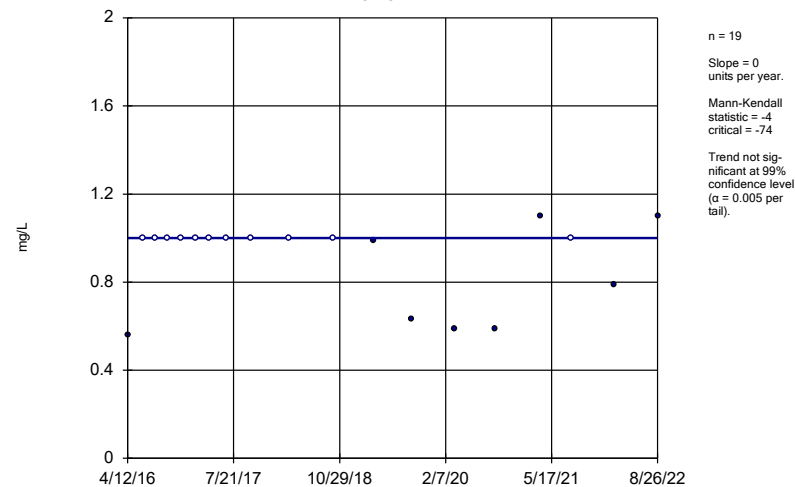
GWC-10



Constituent: Sulfate Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

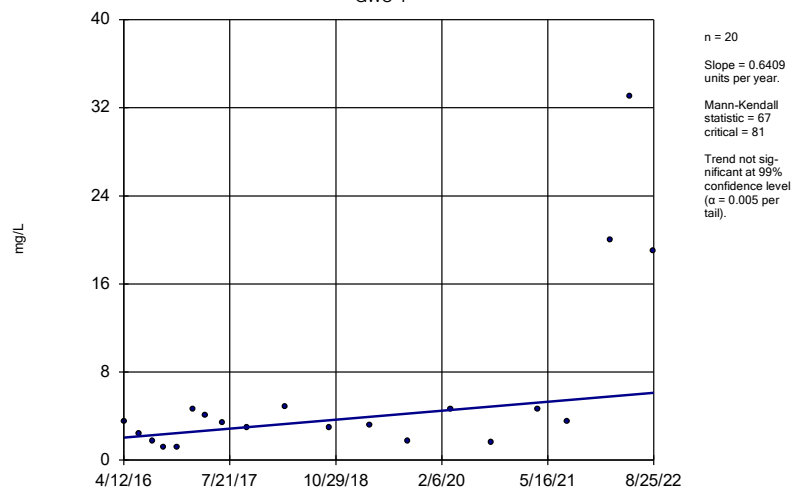
GWC-2



Constituent: Sulfate Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

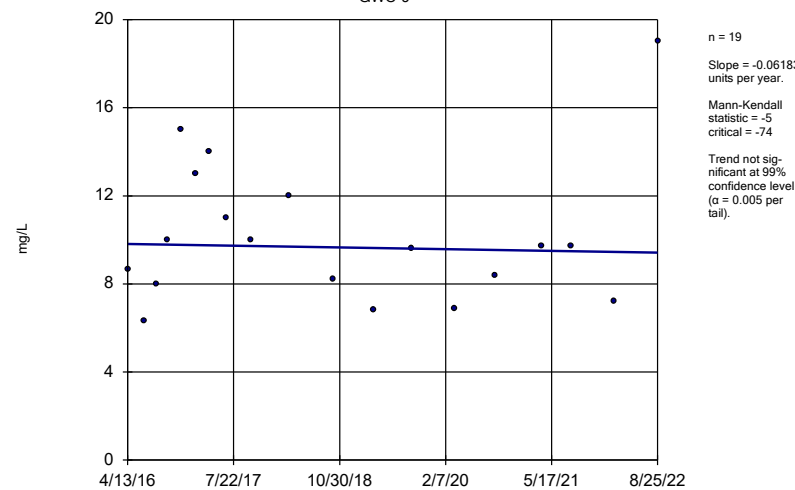
GWC-4



Constituent: Sulfate Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

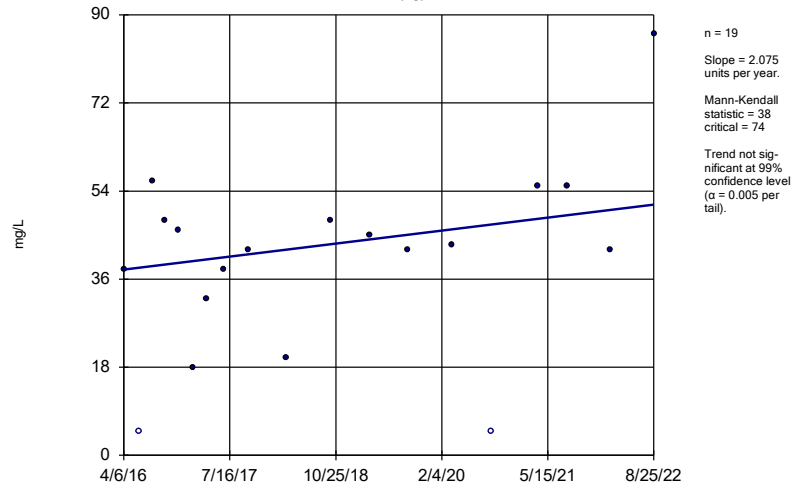
GWC-9



Constituent: Sulfate Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

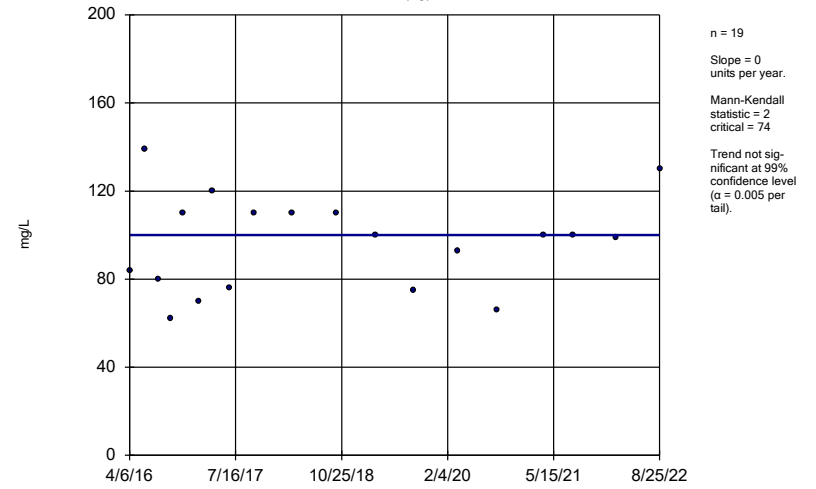
GWA-15 (bg)



Constituent: Total Dissolved Solids Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

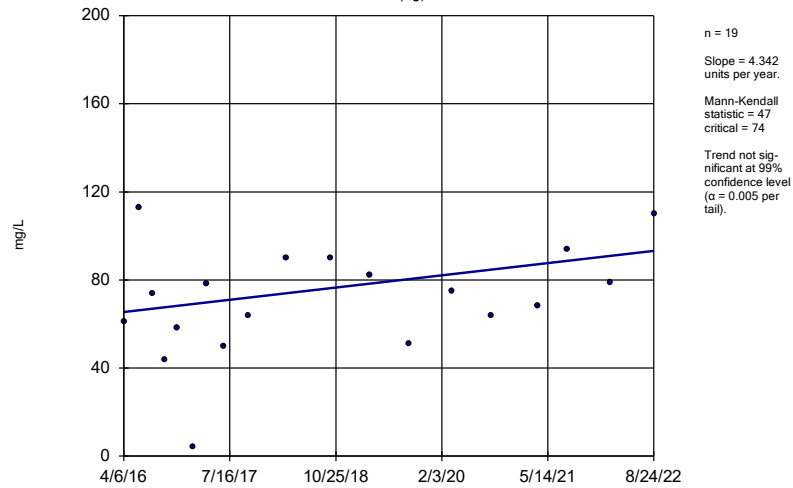
GWA-16 (bg)



Constituent: Total Dissolved Solids Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

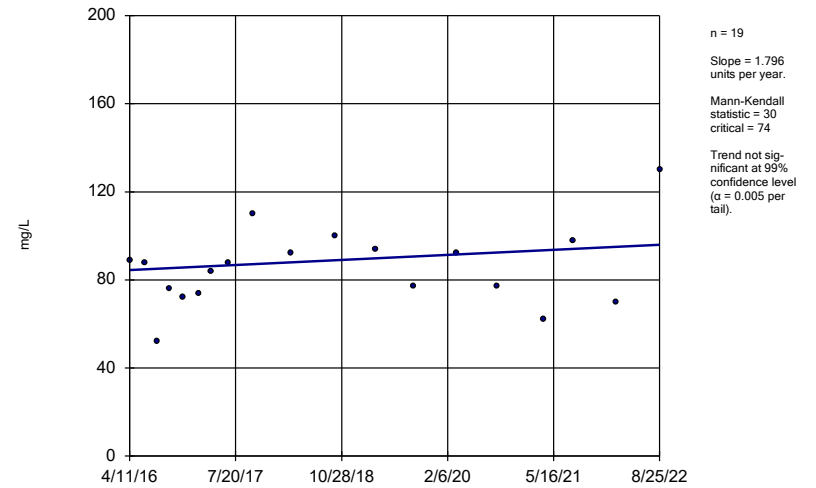
GWA-17 (bg)



Constituent: Total Dissolved Solids Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

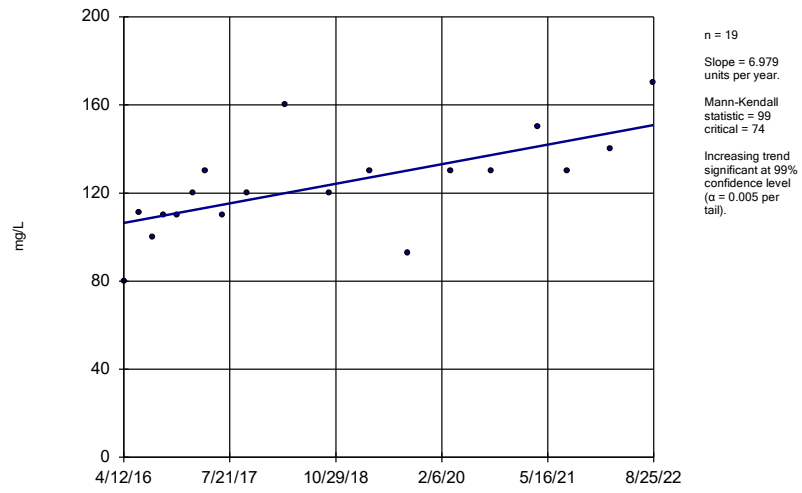
GWA-18



Constituent: Total Dissolved Solids Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-4



Constituent: Total Dissolved Solids Analysis Run 11/30/2022 9:20 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

FIGURE J.

Appendix I Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 1/9/2023, 11:35 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.05318	n/a	12/28/2022	0.065	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra	1 of 2	

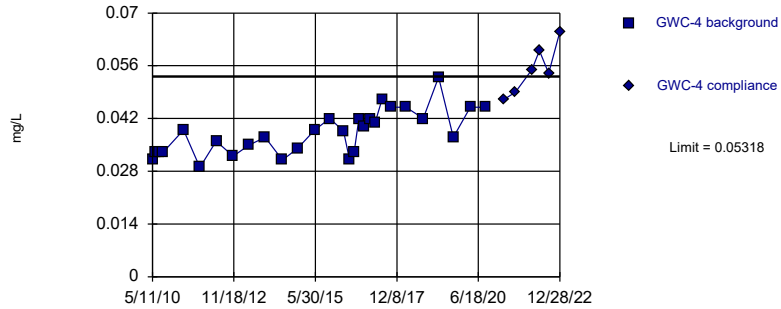
Appendix I Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 1/9/2023, 11:35 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.05318	n/a	12/28/2022	0.065	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2		
Nickel (mg/L)	GWC-10	0.00271	n/a	12/28/2022	0.0017	No	24	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2		
Nickel (mg/L)	GWC-9	0.001	n/a	12/28/2022	0.00068J	No	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2		

Exceeds Limit

Prediction Limit
Intrawell Parametric

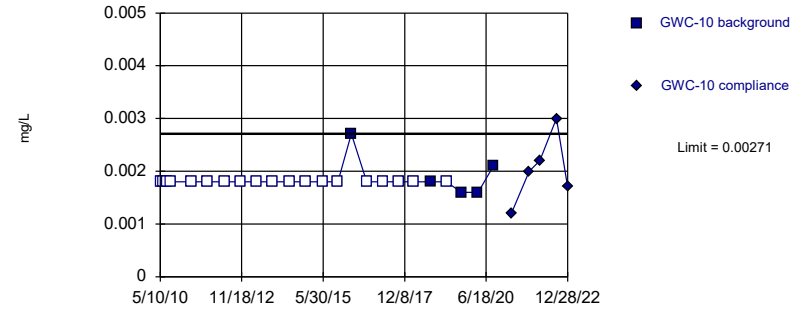


Background Data Summary: Mean=0.0383, Std. Dev.=0.005897, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9543, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 1/9/2023 11:32 AM View: Appendix I - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

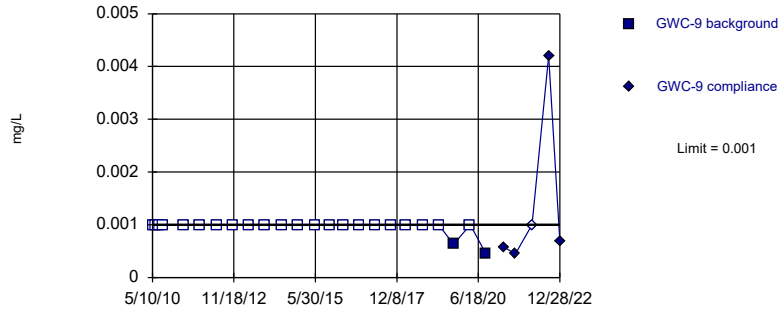


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 1/9/2023 11:32 AM View: Appendix I - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 1/9/2023 11:32 AM View: Appendix I - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 1/9/2023 11:35 AM View: Appendix I - Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032 (V)	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
5/12/2022		0.06 (R)
8/25/2022		0.054
12/28/2022		0.065 (R)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 1/9/2023 11:35 AM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.0018	
6/16/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/27/2011	<0.0018	
5/4/2012	<0.0018	
11/11/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/21/2014	<0.0018	
11/12/2014	<0.0018	
5/23/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	0.00271	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/2/2018	0.0018 (J)	
3/27/2019	<0.0018	
9/11/2019	0.0016	
3/18/2020	0.0016	
9/9/2020	0.0021	
4/1/2021		0.0012
10/18/2021		0.002
2/15/2022		0.0022
8/25/2022		0.003
12/28/2022		0.0017 (R)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 1/9/2023 11:35 AM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
10/6/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00063 (J)	
3/18/2020	<0.001	
9/9/2020	0.00046 (J)	
4/1/2021		0.00058 (J)
8/12/2021		0.00045 (J)
2/15/2022		<0.001
8/25/2022		0.0042
12/28/2022		0.00068 (J,R)

FIGURE K.

Appendix III Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 1/9/2023, 11:46 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-10	0.08	n/a	12/28/2022	0.098	Yes	15	n/a	n/a	n/a	100	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	12/28/2022	19	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2		
Calcium (mg/L)	GWC-4	16.56	n/a	12/28/2022	20	Yes	15	12.47	1.553	0	None	No	0.0004426	Param Intra 1 of 2		
Sulfate (mg/L)	GWC-4	6.288	n/a	12/28/2022	32	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2		

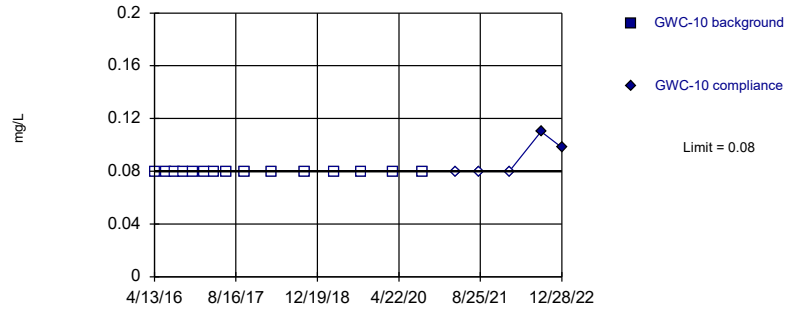
Appendix III Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 1/9/2023, 11:46 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-10	0.08	n/a	12/28/2022	0.098	Yes	15	n/a	n/a	100	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	12/28/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	12/28/2022	19	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-4	16.56	n/a	12/28/2022	20	Yes	15	12.47	1.553	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-9	19.78	n/a	12/28/2022	18	No	15	17.05	1.037	0	None	No	0.0004426	Param Intra 1 of 2	
pH (S.U.)	GWC-10	6.659	6.027	12/28/2022	6.36	No	18	6.343	0.1259	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-19	6.518	6.229	12/28/2022	6.29	No	17	6.374	0.05689	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-20	6.664	6.342	12/28/2022	6.56	No	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-4	6.591	5.971	12/28/2022	6.2	No	18	39.54	1.551	0	None	x^2	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-9	6.922	6.294	12/28/2022	6.62	No	18	6.608	0.1251	0	None	No	0.0002213	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-4	6.288	n/a	12/28/2022	32	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2	

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

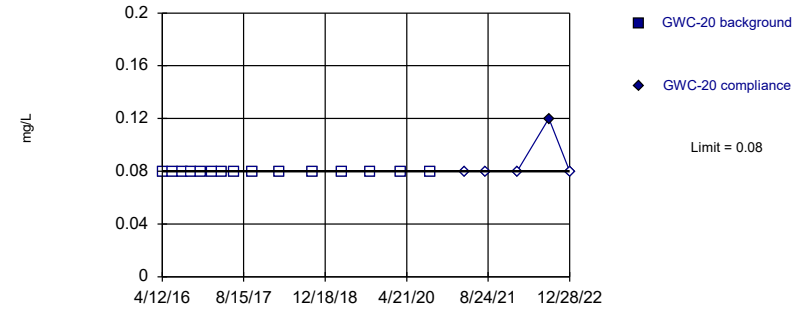


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 1/9/2023 11:44 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

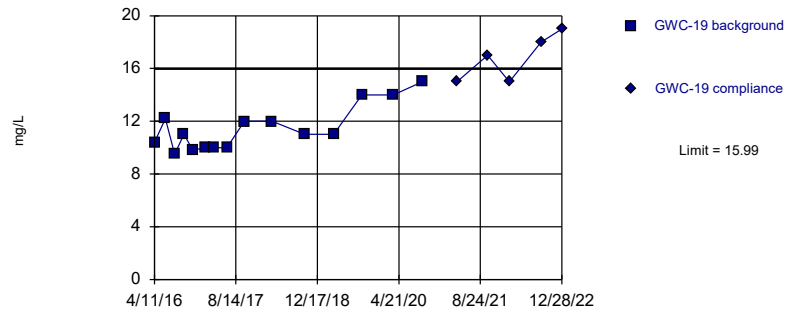


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 1/9/2023 11:44 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

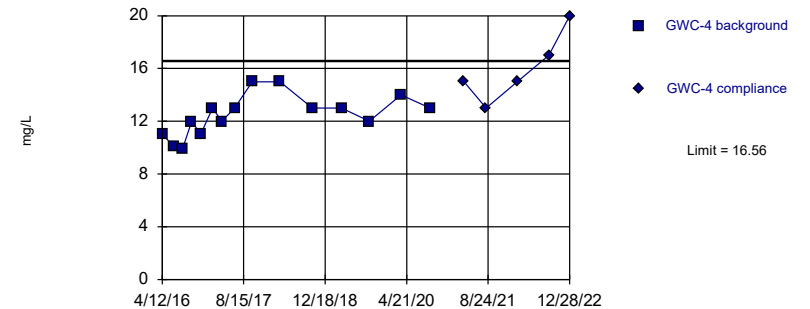


Background Data Summary: Mean=11.46, Std. Dev.=1.718, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.884, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 1/9/2023 11:44 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

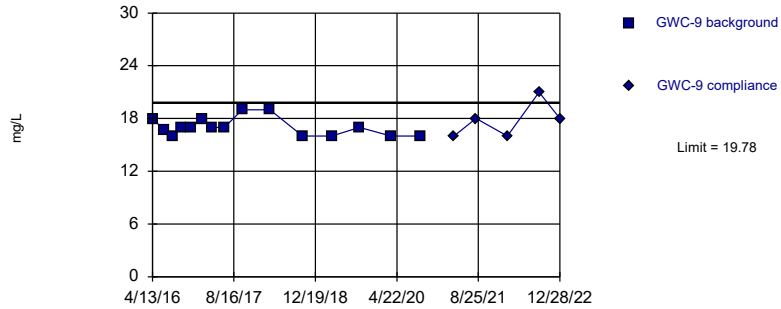


Background Data Summary: Mean=12.47, Std. Dev.=1.553, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 1/9/2023 11:44 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

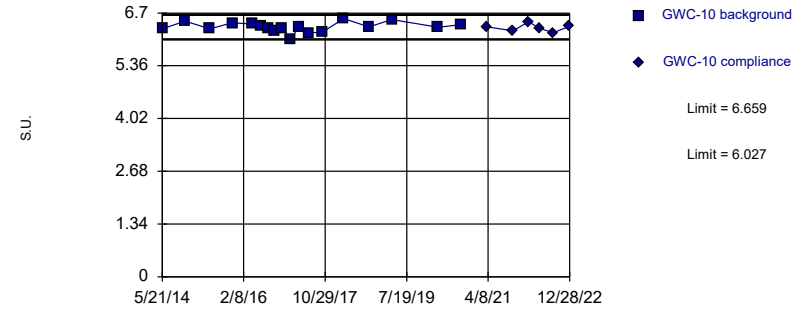


Background Data Summary: Mean=17.05, Std. Dev.=1.037, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8479, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 1/9/2023 11:44 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

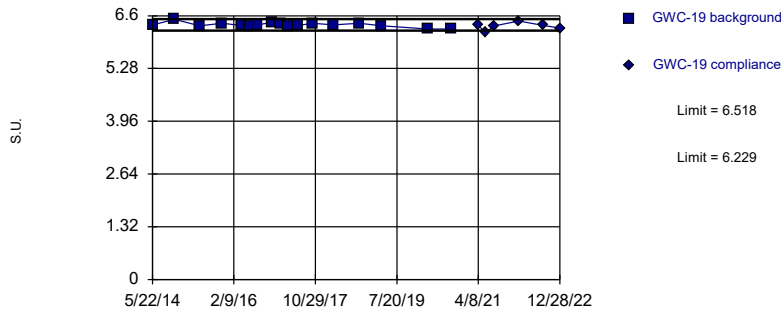


Background Data Summary: Mean=6.343, Std. Dev.=0.1259, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9699, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 1/9/2023 11:44 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

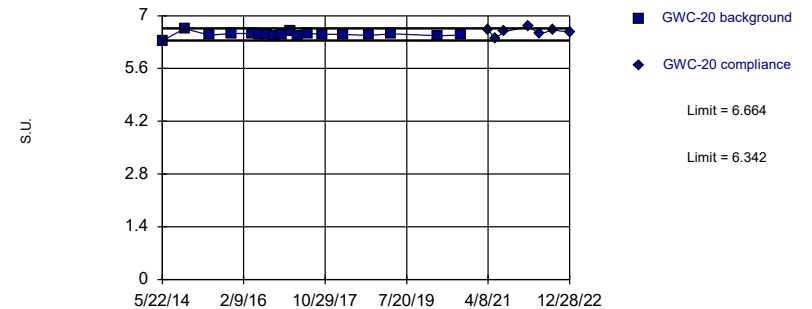


Background Data Summary: Mean=6.374, Std. Dev.=0.05689, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9161, critical = 0.851. Kappa = 2.543 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 1/9/2023 11:44 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

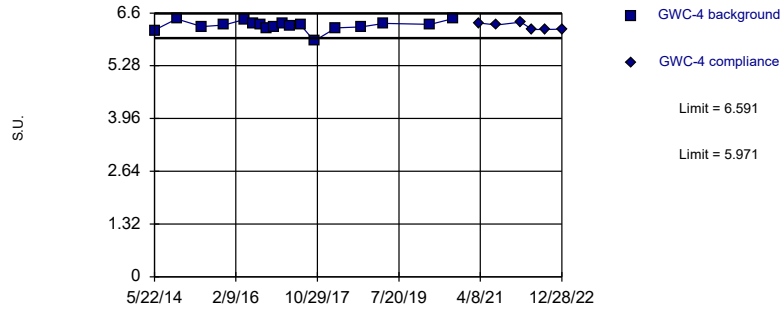


Background Data Summary: Mean=6.503, Std. Dev.=0.06408, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8614, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 1/9/2023 11:44 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

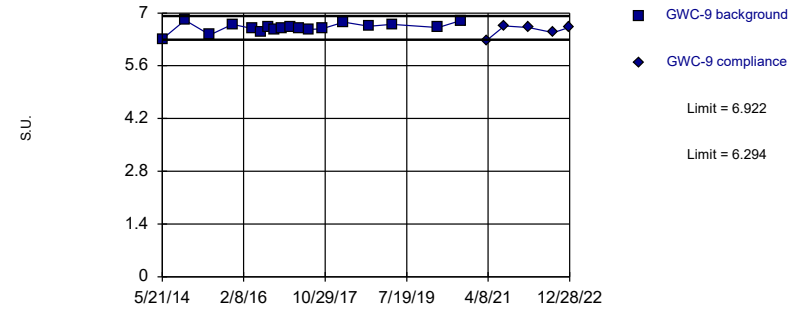


Background Data Summary (based on square transformation): Mean=39.54, Std. Dev.=1.551, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8631, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 1/9/2023 11:44 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

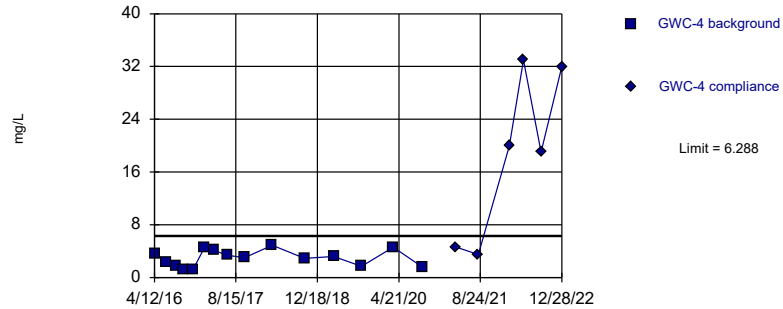


Background Data Summary: Mean=6.608, Std. Dev.=0.1251, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9528, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 1/9/2023 11:44 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9294, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 1/9/2023 11:44 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/9/2023 11:46 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	<0.08 (D)	
6/21/2016	<0.08	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021		<0.08
8/17/2021		<0.08
2/15/2022		<0.08
8/25/2022		0.11
12/28/2022		0.098 (R)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/9/2023 11:46 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	<0.08	
6/16/2016	<0.08	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/5/2021		<0.08
8/11/2021		<0.08
2/16/2022		<0.08
8/25/2022		0.12
12/28/2022		<0.08 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/9/2023 11:46 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10 (D)	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
10/7/2021		17
2/16/2022		15
8/25/2022		18
12/28/2022		19 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/9/2023 11:46 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13 (D)	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021		15
8/12/2021		13
2/15/2022		15
8/25/2022		17
12/28/2022		20 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/9/2023 11:46 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	18 (D)	
6/22/2016	16.7	
8/15/2016	16	
10/6/2016	17	
12/1/2016	17	
2/8/2017	18	
4/6/2017	17	
6/21/2017	17 (D)	
10/5/2017	19	
3/21/2018	19	
10/2/2018	16	
3/27/2019	16	
9/11/2019	17	
3/18/2020	16	
9/9/2020	16	
4/1/2021		16
8/12/2021		18
2/15/2022		16
8/25/2022		21
12/28/2022		18 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 1/9/2023 11:46 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/21/2014	6.3	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42 (D)	
6/21/2016	6.36	
8/15/2016	6.3	
10/5/2016	6.25	
12/1/2016	6.32	
2/8/2017	6.04	
4/6/2017	6.35	
6/21/2017	6.2	
10/5/2017	6.21	
3/21/2018	6.56	
10/2/2018	6.35	
3/27/2019	6.53	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021		6.35
10/18/2021		6.25
2/15/2022		6.48
5/12/2022		6.31 (R)
8/25/2022		6.2
12/28/2022		6.36 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 1/9/2023 11:46 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/22/2014	6.37	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36 (D)	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021		6.37
6/1/2021		6.18
8/11/2021		6.35
2/16/2022		6.47
8/25/2022		6.36
12/28/2022		6.29 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 1/9/2023 11:46 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/22/2014	6.33	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53 (D)	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021		6.64
6/1/2021		6.39
8/11/2021		6.58
2/16/2022		6.71
5/12/2022		6.52 (R)
8/25/2022		6.62
12/28/2022		6.56 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 1/9/2023 11:46 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/22/2014	6.17	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44 (D)	
6/20/2016	6.33	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021		6.35
8/12/2021		6.3
2/15/2022		6.37
5/12/2022		6.19 (R)
8/25/2022		6.19
12/28/2022		6.2 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 1/9/2023 11:46 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/21/2014	6.31	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021		6.28
8/12/2021		6.66
2/15/2022		6.61
8/25/2022		6.48
12/28/2022		6.62 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/9/2023 11:46 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33 (R)
8/25/2022		19
12/28/2022		32 (R)

FIGURE L.

Appendix I Interwell Prediction Limits - Two-Step Resample - All Results (All Significant)

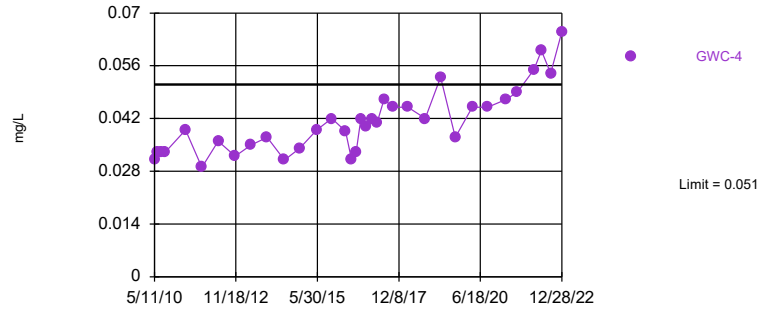
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 1/9/2023, 11:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	12/28/2022	0.065	Yes	99	n/a	n/a	n/a	2.02	n/a	n/a	n/a	0.0001956	NP Inter (normality) 1 of 2

Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 99 background values. 2.02% NDs. Annual per-constituent alpha = 0.006628. Individual comparison alpha = 0.0001956 (1 of 2). Assumes 16 future values.

Constituent: Barium, Total Analysis Run 1/9/2023 11:37 AM View: Appendix I - Resample Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 1/9/2023 11:38 AM View: Appendix I - Resample Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
5/8/2010	0.048 (J)			
5/9/2010		0.031 (J)	0.01 (J)	
5/11/2010				0.031 (J)
6/16/2010	0.044 (J)	0.029 (J)		
6/17/2010				0.033 (J)
6/18/2010			0.01 (J)	
7/26/2010	0.042 (J)			
7/27/2010		0.029 (J)		
7/28/2010			0.011 (J)	0.033 (J)
9/7/2010	0.04 (J)	0.028 (J)		
9/8/2010				0.033 (J)
9/9/2010			0.011 (J)	
4/28/2011				0.039 (J)
4/29/2011	0.038 (J)	0.026 (J)		
4/30/2011			0.0091 (J)	
10/28/2011	0.034	0.025	0.0096 (J)	
10/29/2011				0.029
5/2/2012	0.03	0.025	0.012	
5/3/2012				0.036
11/9/2012	0.039 (V)	0.028 (V)	0.012 (V)	
11/10/2012				0.032 (V)
5/8/2013	0.034	0.029	0.01	
5/10/2013				0.035
11/5/2013			0.0098 (J)	
11/6/2013	0.032	0.026		0.037
5/20/2014	0.03	0.025	0.0081 (J)	
5/22/2014				0.031
11/8/2014	0.031	0.026		
11/9/2014				0.034
11/12/2014			0.0098 (J)	
5/22/2015	0.033	0.026	0.0088 (J)	0.039
11/9/2015	0.034	0.024		
11/11/2015			0.011	0.042
4/6/2016	0.0347	0.026	0.00959 (J)	
4/12/2016				0.0386
6/15/2016	0.029	0.023	0.0091 (J)	
6/20/2016				0.031
8/10/2016	0.027	0.022	0.009	
8/12/2016				0.033
10/4/2016		0.024	<0.029	
10/5/2016	<0.029			
10/6/2016				0.042
11/29/2016	0.024	0.023		
11/30/2016			0.011	0.04
2/7/2017	0.029	0.024	0.0099	
2/8/2017				0.042
4/4/2017	0.03	0.022	0.0092	
4/6/2017				0.041
6/20/2017	0.036	0.025	0.0099	
6/22/2017				0.047
10/4/2017			0.0098	
10/5/2017	0.027	0.023		

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 1/9/2023 11:38 AM View: Appendix I - Resample Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
10/6/2017				0.045
3/20/2018	0.027	0.023	0.01	
3/21/2018				0.045
10/2/2018	0.027	0.023	0.0099	
10/3/2018				0.042
3/26/2019	0.031	0.024	0.0099	0.053
9/10/2019	0.051	0.039	0.011	0.037
3/18/2020	0.031	0.027	0.01	
3/19/2020				0.045
9/9/2020	0.033	0.024	0.01	
9/10/2020				0.045
4/1/2021	0.029	0.024	0.0092 (J)	
4/2/2021				0.047
8/11/2021	0.029	0.023	0.01	
8/12/2021				0.049
2/15/2022	0.031	0.024	0.012	0.055
5/12/2022				0.06 (R)
8/24/2022	0.031			
8/25/2022		0.025	0.012	0.054
12/28/2022				0.065 (R)

FIGURE M.

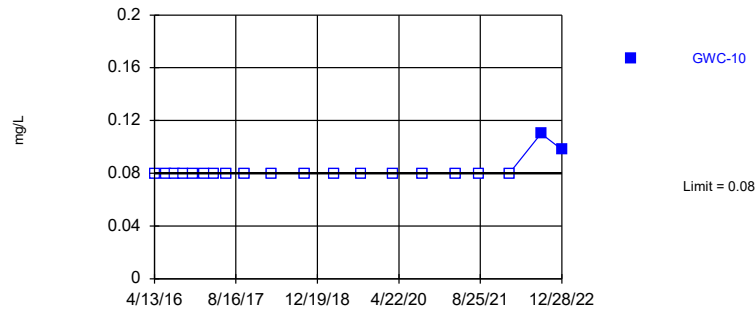
Appendix III Interwell Prediction Limits - Two-Step Resample - All Results (All Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 1/9/2023, 11:55 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-10	0.08	n/a	12/28/2022	0.098	Yes	57	n/a	n/a	n/a	98.25	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-19	14	n/a	12/28/2022	19	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4	14	n/a	12/28/2022	20	Yes	57	n/a	n/a	n/a	0	n/a	n/a	0.0005705	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	12/28/2022	32	Yes	57	n/a	n/a	n/a	73.68	n/a	n/a	0.0005705	NP Inter (NDs) 1 of 2

Exceeds Limit: GWC-10

Prediction Limit
 Interwell Non-parametric

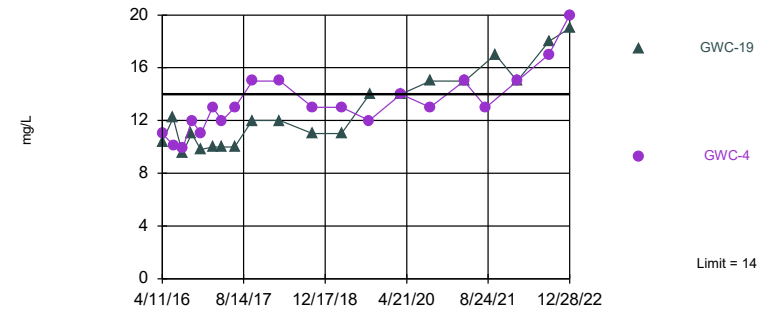


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 57 background values. 98.25% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Boron Analysis Run 1/9/2023 11:48 AM View: Appendix III - Resample Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit: GWC-19, GWC-4

Prediction Limit
 Interwell Non-parametric

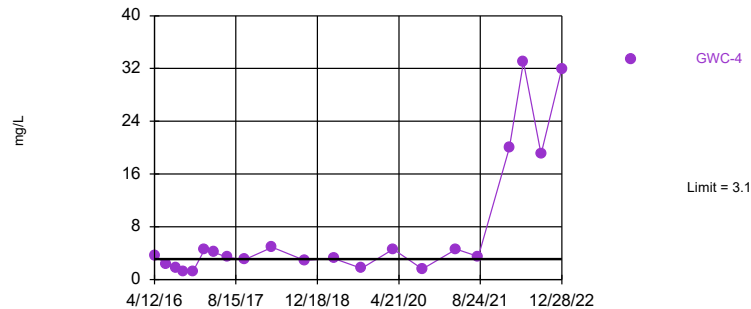


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 57 background values. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

Constituent: Calcium Analysis Run 1/9/2023 11:48 AM View: Appendix III - Resample Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit: GWC-4

Prediction Limit
 Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 57 background values. 73.68% NDs. Annual per-constituent alpha = 0.01922. Individual comparison alpha = 0.0005705 (1 of 2). Assumes 16 future values.

Constituent: Sulfate Analysis Run 1/9/2023 11:48 AM View: Appendix III - Resample Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/9/2023 11:55 AM View: Appendix III - Resample Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-10
4/6/2016	<0.08	<0.08	<0.08	
4/13/2016				<0.08 (D)
6/15/2016	<0.08	<0.08	0.0028 (J)	
6/21/2016				<0.08
8/10/2016	<0.08	<0.08	<0.08	
8/15/2016				<0.08
10/4/2016	<0.08	<0.08		
10/5/2016			<0.08	<0.08
11/29/2016		<0.08	<0.08	
11/30/2016	<0.08			
12/1/2016				<0.08
2/7/2017	<0.08	<0.08	<0.08	
2/8/2017				<0.08
4/4/2017	<0.08	<0.08	<0.08	
4/6/2017				<0.08
6/20/2017	<0.08	<0.08	<0.08	
6/21/2017				<0.08
10/4/2017	<0.08			
10/5/2017		<0.08	<0.08	<0.08
3/20/2018	<0.08 (D)	<0.08	<0.08	
3/21/2018				<0.08
10/2/2018	<0.08	<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	
3/27/2019				<0.08
9/10/2019	<0.08	<0.08	<0.08	
9/11/2019				<0.08
3/18/2020	<0.08	<0.08	<0.08	<0.08
9/9/2020	<0.08	<0.08	<0.08	<0.08
4/1/2021	<0.08	<0.08	<0.08	<0.08
8/11/2021	<0.08	<0.08	<0.08	
8/17/2021				<0.08
2/15/2022	<0.08	<0.08	<0.08	<0.08
8/24/2022			<0.08	
8/25/2022	<0.08	<0.08		0.11
12/28/2022				0.098 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/9/2023 11:55 AM View: Appendix III - Resample Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-4
4/6/2016	3.62	6.58	12.1		
4/11/2016				10.4	
4/12/2016					11
6/15/2016	4.5	6.9	11.8		
6/16/2016				12.2	
6/20/2016					10.1
8/10/2016	3.8	5.5	10		
8/11/2016				9.5	
8/12/2016					9.9
10/4/2016	5.3		14		
10/5/2016		6.8		11	
10/6/2016					12
11/29/2016		4.8	10	9.8	
11/30/2016	4.7				11
2/7/2017	3.8	7.8	12		
2/8/2017				10	13
4/4/2017	3.8	6.4	11		
4/5/2017				10	
4/6/2017					12
6/20/2017	4.1	7	11		
6/21/2017				10 (D)	
6/22/2017					13 (D)
10/4/2017	4.6				
10/5/2017		6.6	13	12	
10/6/2017					15
3/20/2018	4.2 (D)	6.6	12	12	
3/21/2018					15
10/2/2018	4.2	5.8	11	11	
10/3/2018					13
3/26/2019	4	6.7	11	11	13
9/10/2019	4.8	7.5	12		12
9/12/2019				14	
3/18/2020	3.8	7.3	12		
3/19/2020				14	14
9/9/2020	4	7.3	11	15	
9/10/2020					13
4/1/2021	4	7.8	12		
4/2/2021					15
4/5/2021				15	
8/11/2021	4.1	7.3	11		
8/12/2021					13
10/7/2021				17	
2/15/2022	3.6	7.1	10		15
2/16/2022				15	
8/24/2022		8.9			
8/25/2022	4.9		13	18	17
12/28/2022				19 (R)	20 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/9/2023 11:55 AM View: Appendix III - Resample Interwell

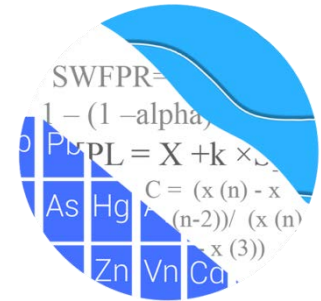
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-4
4/6/2016	0.799 (J)	<1	<1	
4/12/2016				3.56
6/15/2016	<1	<1	<1	
6/20/2016				2.4
8/10/2016	<1	<1	<1	
8/16/2016				1.7
10/4/2016	<1	<1		
10/5/2016			<1	
10/6/2016				1.2
11/29/2016		<1	<1	
11/30/2016	<1			1.2
2/7/2017	0.8 (J)	<1	<1	
2/8/2017				4.6
4/4/2017	<1	<1	<1	
4/6/2017				4.1
6/20/2017	<1	<1	<1	
6/22/2017				3.4
10/4/2017	<1			
10/5/2017		<1	<1	
10/6/2017				3
3/20/2018	1.2	<1	<1	
3/21/2018				4.9
10/2/2018	<1	<1	<1	
10/3/2018				2.9
3/26/2019	2.1	<1	0.58 (J)	3.2
9/10/2019	0.65 (J)	<1	0.44 (J)	1.7
3/18/2020	3.1	0.67 (J)	0.51 (J)	
3/19/2020				4.6
9/9/2020	1.6	<1	<1	
9/10/2020				1.6
4/1/2021	2.7	<1	<1	
4/2/2021				4.6
8/11/2021	1.3	<1	<1	
8/12/2021				3.5
2/15/2022	2.6	<1	<1	20
5/12/2022				33 (R)
8/24/2022			<1	
8/25/2022	1.9	<1		19
12/28/2022				32 (R)

GROUNDWATER STATS CONSULTING

January 31, 2023

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374



Re: Plant Scherer PAC Landfill
Statistical Analysis – August/November 2022

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater statistical analysis for the 2022 2nd Semi-Annual Groundwater Monitoring Statistical Analysis sample event for Georgia Power Company's Plant Scherer PAC Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD) groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, and GWA-49
- **Downgradient wells:** GWC-29, GWC-50, GWC-51, GWC-52, and GWC-53

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician to Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

Resamples were collected in November 2022 for TDS at wells GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-51, GWC-52, and GWC-53 due to the August 2022 samples and October 2022 resamples being out of holding times. Per request of WSP, the samples that exceeded hold times for mercury and TDS are not included in the Sanitas database. Resamples were also collected for pH at these wells in October and November 2022 and were retained in the database.

The following constituents were evaluated:

- **CCR Appendix III** - boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I** - antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Due to varying detection limits in data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given parameter; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. However, in the time series plots, a single reporting limit substitution is used across all wells for a given parameter since the wells are plotted as a group.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method

based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided during the background update in June 2021 and demonstrated that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves are based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 14 (antimony and silver and were 100% non-detects in all downgradient wells)
- # Downgradient wells: 5

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 5

Statistical analyses are not required when 100% non-detects are present in downgradient wells for a given constituent. Historically, reported observations for antimony and silver at all wells have been below the reporting limits; therefore, these constituents are not included in the statistical analyses. A summary of all other well/constituent pairs with 100% non-detects follows this letter.

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan.

The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the intrawell case, data for all wells and constituents may re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to natural variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of natural variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSI)s that result from natural variation. In instances where intrawell statistical methods identify an

apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United State Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resamples confirm the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of natural variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of natural variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach.

Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening Georgia EPD Appendix I - Conducted in August 2019

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters are formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trends

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing and decreasing trends; however, the majority of these were relatively low in magnitude when compared to average concentrations and, therefore, required no adjustments. It was noted that several of the upgradient wells had higher reported measurements in the earliest part of the records for some of the metals. These values were not deselected at this time since the measurements serve as reference data upgradient of the facility. If similar measurements are observed at a later time in one or more downgradient wells, the earlier upgradient data would indicate that the change is naturally occurring rather than a result of practices at the facility. Lastly, while there was an overall increasing trend in concentrations for cobalt at well GWC-53, data are highly variable and similar to concentrations that have historically been reported in at least one upgradient well. Therefore, no adjustment was made to this record. Since the August 2019 screening, the trend in cobalt at well GWC-53 has been decreasing.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach.

Generally, constituents without significant differences, based on ANOVA across upgradient wells, may be considered for interwell analysis. However, the Scherer PAC Landfill is lined, and pre-waste data are available that show metals were present naturally in low level detections during the collection of background data. Furthermore, for some

constituents, the reported concentrations are higher in upgradient wells than in downgradient wells. This would result in interwell limits that would not readily detect changes in the downgradient wells with lower concentrations. Therefore, intrawell prediction limits are recommended as the most appropriate statistical analysis for all of the Georgia EPD constituents at this landfill.

Summary of Background Update – Georgia EPD Appendix I and CCR Appendix III – June 2021

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells through September 2020 (Figure C). All of the more recent compliance measurements appeared stable compared to the previously screened historical data sets; therefore, no new outliers were flagged except for a resulting high value for lead in well GWC-52 in order to maintain conservative (i.e., lower) statistical limits. A summary of all flagged outliers follows this letter. Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents requiring intrawell prediction limits (all Georgia EPD Appendix I and CCR Appendix III constituents in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through October 2018 to the new compliance samples at each well through September 2020. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was included in the background update report. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with the background update report. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Statistical Analysis of Georgia EPD Appendix I Constituents – August/November 2022

Intrawell limits were constructed for all Georgia EPD Appendix I constituents. In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent, the current assumption is that the higher downgradient concentrations are due to natural spatial variation rather than a result of practices at the landfill. The pre-waste data support this logic.

For some well/constituent pairs containing <15% non-detects, parametric prediction limits slightly changed compared to those established during the background update. An update was made to the Sanitas™ statistical software in October 2022 that determines the percentage of non-detects within a given background record rather than all records evaluated for a given constituent. Simple substitution of 1/2 the reporting limit is applied when the percentage of non-detects is <15% in accordance with the USEPA EPA Unified Guidance (2009). No significant changes resulted from this implementation.

Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through September 2020 within each well for constituents with detections (Figure D). The August/November 2022 compliance samples were compared to these intrawell background limits. As previously discussed, no statistical analyses were included for antimony and silver since all records contain 100% non-detects in downgradient wells, or for other individual well/constituent pairs containing 100% non-detects. Note that due to a reporting limit change for nickel in upgradient wells GWA-21 and GWA-45 from 0.0018 mg/L to 0.001 mg/L; the prediction limit for each well decreased accordingly.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary table of the background intrawell prediction limits and exceedances follows this letter, along with the complete graphical results. Statistical exceedances were noted for the following well/constituent pairs:

- Barium: GWA-45 (upgradient), GWC-29, GWC-50, and GWC-52

- Chromium: GWC-52
- Nickel GWA-21 (upgradient) and GWC-50

Two-Step Analysis

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data through November 2022 to evaluate the initial intrawell prediction limit exceedances listed above in downgradient wells (Figure E). Due to an increasing trend in the most recent data for barium at upgradient well GWA-45, observations between September 2019 and April 2021 in this well were not included in the interwell limit. The observations were flagged with an “L” flag and are included in the Outlier Summary which shows data that have been deselected (Figure C). The cause of this trend is pending and requires further analysis beyond the scope of this analysis. If research shows these higher concentrations reflect natural variation, the earlier portion of the record may require deselection so that resulting limits are reflective of present-day water quality conditions. The reported measurements of barium, chromium, and nickel at downgradient wells were within their respective interwell prediction limits. Therefore, no SSIs are identified for the Appendix I constituents, and no further action is necessary.

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen’s Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are significantly increasing, decreasing, or stable (Figure F). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site. Upgradient trends are an indication of natural variability in groundwater unrelated to practices at the site. Both a summary and complete graphical results of the trend tests follow this letter. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWA-45 (upgradient), GWA-46 (upgradient), GWC-29, GWC-50, and GWC-52
- Chromium: GWA-22 (upgradient) and GWC-52

Decreasing:

- Chromium: GWA-21 (upgradient)
- Nickel: GWA-48 (upgradient)

Note that while concentrations for chromium at well GWC-52 have been steadily increasing since October 2017, the measurements remain within historical concentrations observed at upgradient well GWA-47.

Statistical Analysis of Appendix III Parameters – August/November 2022

Intrawell prediction limits for all Appendix III parameters, combined with a 1-of-2 resample plan, were constructed using all historical data through September 2020. The August/November 2022 compliance data were compared to those limits.

Prediction Limits

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no exceedance is noted, and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance. A summary table of the Appendix III prediction limits follow this letter, along with complete graphical results (Figure G). The following prediction limit exceedances were noted for Appendix III parameters:

- Calcium: GWC-29 and GWC-52
- Chloride: GWA-45, GWA-46 (both upgradient), and GWC-51
- pH (upper limit): GWA-49 (upgradient) and GWC-29
- Sulfate: GWA-21, GWA-46, GWA-47 (all upgradient), and GWC-52

October & November 2022 Resample Event - pH

An additional set of intrawell prediction limits were constructed using data through September 2020 to evaluate the October and November 2022 resample observations for pH at upgradient wells GWA-45, GWA-46, GWA-47, GWA-48, GWA-49 and downgradient wells GWC-29, GWC-50, GWC-51, GWC-52, GWC-53 (Figures H and I, respectively). Exceedances were identified for the following well/constituent pair during both events:

- pH (upper limit): GWC-29

Two-Step Analysis

Following the two-step analysis procedure as mentioned above, interwell prediction limits were then constructed using pooled upgradient well data through November 2022 to

evaluate the apparent initial intrawell prediction limit exceedances listed above at downgradient wells (Figure J). All compliance data at downgradient wells were within their respective interwell prediction limits. Therefore, no statistically significant increases are identified, and no further action is necessary. It was noted that upgradient well GWA-45, which is included in the interwell background and represents naturally occurring groundwater quality upgradient of the site, has higher concentrations than neighboring upgradient wells for several of the Appendix III constituents. Therefore, the interwell comparisons for downgradient wells with reported lower concentration levels need to be interpreted cautiously and are further evaluated through trend analysis as described below.

Trend Tests

Data from downgradient well/constituent pairs found to exceed their respective prediction limit were further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level along with upgradient wells for the same constituents (Figure I). Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Such patterns are an indication of natural variability in groundwater unrelated to practices at the site. A summary of the trend test results follows this letter. The following statistically significant trends were identified:

Increasing:

- Calcium: GWC-29 and GWC-52
- Chloride: GWA-21, GWA-45, GWA-46 (all upgradient), and GWC-51
- pH: GWC-29
- Sulfate: GWC-52

Decreasing:

- Chloride: GWA-22 (upgradient)

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer PAC Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Andrew T. Collins
Project Manager



Kristina L. Rayner
Senior Statistician

100% Non-Detects: Appendix I

Analysis Run 12/1/2022 9:12 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Arsenic, Total (mg/L)

GWA-21, GWA-22, GWA-46, GWA-47, GWC-51, GWC-52

Beryllium, Total (mg/L)

GWA-21, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Cadmium, Total (mg/L)

GWA-21, GWA-22, GWA-45, GWA-46, GWA-48, GWA-49, GWC-29, GWC-51, GWC-52, GWC-53

Chromium, Total (mg/L)

GWA-45

Cobalt, Total (mg/L)

GWC-52

Copper, Total (mg/L)

GWA-46, GWC-29, GWC-52, GWC-53

Mercury, Total (mg/L)

GWC-51, GWC-53

Nickel, Total (mg/L)

GWC-52

Selenium, Total (mg/L)

GWA-21, GWA-46, GWC-51

Thallium, Total (mg/L)

GWA-46, GWA-47, GWA-49, GWC-29, GWC-52, GWC-53

100% Non-Detects: Appendix III

Analysis Run 12/1/2022 10:28 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Boron (mg/L)

GWA-22, GWA-46, GWA-49, GWC-50, GWC-51, GWC-52

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWA-45	0.05701	n/a	8/31/2022	0.065	Yes	24	0.03215	0.01125	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01961	n/a	8/31/2022	0.025	Yes	28	0.01603	0.001661	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.014	n/a	8/31/2022	0.015	Yes	28	0.0001382	0.00002671	0	None	x^2	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01758	n/a	8/31/2022	0.022	Yes	28	0.01176	0.00269	0	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01533	n/a	8/31/2022	0.038	Yes	24	0.00975	0.002526	4.167	None	No	0.0007523	Param Intra 1 of 2
Nickel, Total (mg/L)	GWA-21	0.001	n/a	8/26/2022	0.0012	Yes	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	8/31/2022	0.0031	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWA-45	0.0015	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.001	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.001	n/a	8/30/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.0013	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.001	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	8/31/2022	0.001ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.02935	n/a	8/26/2022	0.026	No	27	0.0227	0.00306	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.02993	n/a	8/26/2022	0.021	No	28	0.02437	0.00257	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.05701	n/a	8/31/2022	0.065	Yes	24	0.03215	0.01125	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02282	n/a	8/31/2022	0.022	No	27	0.01947	0.001543	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.045	n/a	8/31/2022	0.031	No	27	n/a	n/a	0	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-48	0.031	n/a	8/31/2022	0.016	No	26	n/a	n/a	0	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-49	0.02233	n/a	8/30/2022	0.021	No	28	0.01933	0.001391	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01961	n/a	8/31/2022	0.025	Yes	28	0.01603	0.001661	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.014	n/a	8/31/2022	0.015	Yes	28	0.0001382	0.00002671	0	None	x^2	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-51	0.01222	n/a	8/31/2022	0.011	No	28	0.00009473	0.00002527	3.571	None	x^2	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01758	n/a	8/31/2022	0.022	Yes	28	0.01176	0.00269	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.11	n/a	8/31/2022	0.036	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.0025	n/a	8/26/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-21	0.008995	n/a	8/26/2022	0.0016J	No	28	0.05889	0.01663	14.29	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01164	n/a	8/26/2022	0.0078	No	28	0.006711	0.002282	7.143	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-46	0.0088	n/a	8/31/2022	0.0048	No	28	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-47	0.045	n/a	8/31/2022	0.0084	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-48	0.028	n/a	8/31/2022	0.0059	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-49	0.009199	n/a	8/30/2022	0.0064	No	28	0.07829	0.008154	3.571	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.003506	n/a	8/31/2022	0.002ND	No	28	-6.437	0.3625	42.86	Kaplan-Meier	ln(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-50	0.006348	n/a	8/31/2022	0.004	No	28	0.004525	0.0008434	7.143	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-51	0.005825	n/a	8/31/2022	0.0047	No	28	0.003553	0.001051	10.71	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01533	n/a	8/31/2022	0.038	Yes	24	0.00975	0.002526	4.167	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.0041	n/a	8/31/2022	0.002	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	8/26/2022	0.0025ND	No	28	n/a	n/a	64.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0025	n/a	8/26/2022	0.0025ND	No	27	n/a	n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.01078	n/a	8/31/2022	0.0012J	No	28	0.1408	0.03707	25	Kaplan-Meier	x^(1/3)	0.0007523	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0025	n/a	8/31/2022	0.0025ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0025	n/a	8/31/2022	0.0025ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0025	n/a	8/30/2022	0.0025ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01649	n/a	8/31/2022	0.014	No	28	0.008139	0.003861	7.143	None	No	0.0007523	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0023	n/a	8/26/2022	0.002ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.003	n/a	8/26/2022	0.002ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	8/31/2022	0.002ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.022	n/a	8/31/2022	0.002ND	No	22	n/a	n/a	36.36	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Copper, Total (mg/L)	GWA-48	0.0084	n/a	8/31/2022	0.002ND	No	22	n/a	n/a	59.09	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-49	0.002	n/a	8/30/2022	0.002ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.002	n/a	8/31/2022	0.002ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.002	n/a	8/31/2022	0.002ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	8/26/2022	0.001ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	8/26/2022	0.001ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-46	0.0037	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-49	0.0062	n/a	8/30/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	8/31/2022	0.001ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.001	n/a	8/31/2022	0.001ND	No	27	n/a	n/a	100	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	8/26/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	8/26/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.0002	n/a	8/30/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.001	n/a	8/26/2022	0.0012	Yes	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.001	n/a	8/26/2022	0.00065J	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.001	n/a	8/31/2022	0.00065J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.001	n/a	8/31/2022	0.00056J	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	8/31/2022	0.001ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-48	0.016	n/a	8/31/2022	0.001ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-49	0.001	n/a	8/30/2022	0.00074J	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	8/31/2022	0.0033	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	8/31/2022	0.0031	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	8/31/2022	0.0025	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008155	n/a	8/31/2022	0.0069	No	23	2.9e-7	1.1e-7	8.696	None	x^3	0.0007523	Param Intra 1 of 2
Selenium, Total (mg/L)	GWA-22	0.005	n/a	8/26/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.005	n/a	8/31/2022	0.005ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.005	n/a	8/31/2022	0.005ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.005	n/a	8/31/2022	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.005	n/a	8/30/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.005	n/a	8/31/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-50	0.005	n/a	8/31/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.005	n/a	8/31/2022	0.005ND	No	27	n/a	n/a	81.48	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.005	n/a	8/31/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-21	0.001	n/a	8/26/2022	0.001ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.001	n/a	8/26/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.001	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.001	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.001	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.001	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0031	n/a	8/26/2022	0.0028	No	22	n/a	n/a	59.09	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	8/26/2022	0.002	No	22	n/a	n/a	54.55	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0036	n/a	8/31/2022	0.0011	No	22	n/a	n/a	68.18	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.006504	n/a	8/31/2022	0.0027	No	22	0.05801	0.01008	18.18	Kaplan-Meier	sqrt(x)	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-47	0.031	n/a	8/31/2022	0.0073	No	23	0.09955	0.03434	8.696	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02436	n/a	8/31/2022	0.018	No	22	0.0155	0.003948	4.545	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02263	n/a	8/30/2022	0.019	No	23	0.01862	0.0018	0	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.00736	n/a	8/31/2022	0.0055	No	23	0.004544	0.001264	8.696	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.004715	n/a	8/31/2022	0.0031	No	23	0.003096	0.0007265	39.13	Kaplan-Meier	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-51	0.007316	n/a	8/31/2022	0.0038	No	23	0.004446	0.001288	21.74	Kaplan-Meier	No	0.0007523	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vanadium, Total (mg/L)	GWC-52	0.01432	n/a	8/31/2022	0.01	No	23	0.0001177	0.00003924	8.696	None	x^2	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0065	n/a	8/31/2022	0.00095J	No	22	n/a	n/a	81.82	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.005	n/a	8/26/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.0085	n/a	8/26/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0098	n/a	8/31/2022	0.0051	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.0096	n/a	8/31/2022	0.0032J	No	22	n/a	n/a	77.27	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.0087	n/a	8/31/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.005	n/a	8/31/2022	0.0039J	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.005	n/a	8/30/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0058	n/a	8/31/2022	0.005ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0076	n/a	8/31/2022	0.005ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.005	n/a	8/31/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0073	n/a	8/31/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.02028	n/a	8/31/2022	0.015	No	22	0.01392	0.002833	0	None	No	0.0007523	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:29 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-29	0.091	n/a	8/31/2022	0.025	No	215	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-50	0.091	n/a	8/31/2022	0.015	No	215	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-52	0.091	n/a	8/31/2022	0.022	No	215	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium, Total (mg/L)	GWC-52	0.045	n/a	8/31/2022	0.038	No	222	n/a	n/a	18.92	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.022	n/a	8/31/2022	0.0031	No	186	n/a	n/a	77.42	n/a	n/a	0.00005721	NP Inter (NDs) 1 of 2

Appendix I Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:26 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-45 (bg)	0.004643	271	131	Yes	28	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.0004042	242	152	Yes	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0004948	280	161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-50	0.0002269	172	161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.0008853	391	161	Yes	32	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.000396	-278	-161	Yes	32	12.5	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005551	298	161	Yes	32	6.25	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.001943	314	161	Yes	32	3.125	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-48 (bg)	-0.0001321	-142	-124	Yes	27	59.26	n/a	n/a	0.01	NP

Appendix I Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:26 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-21 (bg)	0.0004129	149	152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003287	-149	-161	No	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.004643	271	131	Yes	28	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.0004042	242	152	Yes	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-47 (bg)	-0.0006042	-85	-152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-48 (bg)	0	-9	-146	No	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-49 (bg)	0	48	161	No	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0004948	280	161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-50	0.0002269	172	161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.0008853	391	161	Yes	32	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.000396	-278	-161	Yes	32	12.5	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005551	298	161	Yes	32	6.25	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-45 (bg)	0	0	146	No	30	100	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-46 (bg)	0.00004199	66	161	No	32	3.125	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-47 (bg)	0	0	161	No	32	6.25	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-48 (bg)	-0.0001533	-60	-161	No	32	6.25	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-49 (bg)	0.00004008	26	161	No	32	3.125	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.001943	314	161	Yes	32	3.125	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-21 (bg)	0	-27	-118	No	26	76.92	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-22 (bg)	0	-42	-118	No	26	84.62	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-45 (bg)	0	-94	-124	No	27	77.78	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-46 (bg)	0	-37	-118	No	26	92.31	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-47 (bg)	0	-76	-124	No	27	70.37	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-48 (bg)	-0.0001321	-142	-124	Yes	27	59.26	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-49 (bg)	0	-56	-124	No	27	81.48	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWC-50	0	37	124	No	27	74.07	n/a	n/a	0.01	NP

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-29	16	n/a	8/31/2022	17	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-52	19.24	n/a	8/31/2022	21	Yes	15	14.34	2.233	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	12	n/a	8/31/2022	13	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	4.852	n/a	8/31/2022	5.1	Yes	15	3.488	0.6223	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.599	n/a	8/31/2022	7.7	Yes	14	6.793	0.3605	0	None	No	0.001504	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	8/30/2022	7.08	Yes	17	6.858	0.09329	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	8/31/2022	6.21	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.604	n/a	8/26/2022	2.7	Yes	15	1.338	0.5772	6.667	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1	n/a	8/31/2022	1.1	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1	n/a	8/31/2022	1.1	Yes	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.35	n/a	8/31/2022	65	Yes	11	12.57	5.74	9.091	None	No	0.001504	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq N	Bq Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	8/26/2022	0.08ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.23	n/a	8/31/2022	1.2	No	15	0.5984	0.288	0	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	8/31/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.08	n/a	8/31/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	8/31/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.103	n/a	8/31/2022	1	No	15	0.9376	0.0752	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.54	n/a	8/26/2022	6.8	No	15	8.885	1.213	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.681	n/a	8/26/2022	7.8	No	15	6.973	1.235	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	46.75	n/a	8/31/2022	23	No	15	36.75	4.558	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.002	n/a	8/31/2022	5.7	No	15	5.705	0.5914	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.34	n/a	8/31/2022	12	No	15	10.91	0.6552	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.32	n/a	8/31/2022	12	No	15	12.53	0.813	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	15.64	n/a	8/30/2022	14	No	15	14.17	0.6715	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-29	16	n/a	8/31/2022	17	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-50	8.176	n/a	8/31/2022	7.1	No	15	7.156	0.465	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	7.763	n/a	8/31/2022	7.2	No	15	6.72	0.4754	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	19.24	n/a	8/31/2022	21	Yes	15	14.34	2.233	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-53	21.11	n/a	8/31/2022	17	No	15	17.19	1.786	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.319	n/a	8/26/2022	3.6	No	15	3.296	0.4668	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	4.968	n/a	8/26/2022	2	No	15	2.927	0.9308	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	12	n/a	8/31/2022	13	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	4.852	n/a	8/31/2022	5.1	Yes	15	3.488	0.6223	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.787	n/a	8/31/2022	1.5	No	15	1.478	0.1408	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	1.996	n/a	8/31/2022	1.6	No	14	1.724	0.1215	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.384	n/a	8/30/2022	2.2	No	15	2.072	0.1421	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.145	n/a	8/31/2022	3.5	No	14	3.393	0.3362	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.183	n/a	8/31/2022	1.6	No	15	1.953	0.105	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.599	n/a	8/31/2022	7.7	Yes	14	6.793	0.3605	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.538	n/a	8/31/2022	7.6	No	14	7.9	0.2855	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	8/31/2022	13	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-21	0.082	n/a	8/26/2022	0.092J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	8/26/2022	0.028J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	8/31/2022	0.033J	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.1	n/a	8/31/2022	0.033J	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	8/31/2022	0.056J	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	8/31/2022	0.053J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.082	n/a	8/30/2022	0.044J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.082	n/a	8/31/2022	0.082J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	8/31/2022	0.065J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	8/31/2022	0.066J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	8/31/2022	0.053J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	8/31/2022	0.055J	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-21	5.979	5.611	8/26/2022	5.73	No	17	5.795	0.08654	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.255	5.546	8/26/2022	5.86	No	18	5.901	0.1685	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.48	5.95	8/31/2022	6.03	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	8/31/2022	5.8	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	8/31/2022	6.53	No	19	6.443	0.06488	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.953	6.562	8/31/2022	6.91	No	17	6.758	0.09196	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	8/30/2022	7.08	Yes	17	6.858	0.09329	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	8/31/2022	6.21	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-50	5.967	5.667	8/31/2022	5.85	No	18	5.817	0.07136	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	8/31/2022	5.91	No	18	5.854	0.05721	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	8/31/2022	6.74	No	18	6.652	0.06447	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.76	5.427	8/31/2022	5.59	No	17	5.594	0.07834	0	None	No	0.000752	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWA-21	2.604	n/a	8/26/2022	2.7	Yes	15	1.338	0.5772	6.667	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1	n/a	8/26/2022	1ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	183.3	n/a	8/31/2022	170	No	15	147.8	16.19	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1	n/a	8/31/2022	1.1	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1	n/a	8/31/2022	1.1	Yes	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.689	n/a	8/31/2022	1.6	No	15	1.235	0.2069	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1	n/a	8/30/2022	0.76J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.631	n/a	8/31/2022	2.8	No	15	2.56	0.4885	6.667	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	1	n/a	8/31/2022	0.88J	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	2.7	n/a	8/31/2022	2.4	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.35	n/a	8/31/2022	65	Yes	11	12.57	5.74	9.091	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	186.4	n/a	8/31/2022	170	No	15	153.7	14.9	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	129.8	n/a	8/26/2022	110	No	15	85.4	20.24	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	105.2	n/a	8/26/2022	83	No	15	66.13	17.82	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	366.7	n/a	11/16/2022	300	No	15	271.8	43.29	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	94.72	n/a	11/16/2022	55	No	15	51.77	19.59	6.667	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	118.4	n/a	11/16/2022	94	No	15	86.07	14.72	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	126.5	n/a	11/16/2022	100	No	15	92.53	15.48	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	131.2	n/a	11/16/2022	110	No	14	107.4	10.65	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	139.5	n/a	11/16/2022	110	No	15	90.67	22.27	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	119.1	n/a	11/16/2022	76	No	15	70.53	22.17	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	108.7	n/a	11/16/2022	89	No	14	77.07	14.12	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	193.6	n/a	11/16/2022	180	No	15	128.3	29.78	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	332.3	n/a	11/16/2022	270	No	15	254.5	35.48	0	None	No	0.001504	Param Intra 1 of 2

Intrawell Prediction Limits - October 2022 pH Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 10:05 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (S.U.)	GWC-29	6.059	5.652	10/25/2022	6.21	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2

Intrawell Prediction Limits - October 2022 pH Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 10:05 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (S.U.)	GWA-45	6.48	5.95	10/25/2022	5.99	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	10/25/2022	5.88	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	10/25/2022	6.48	No	19	6.443	0.06488	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.953	6.562	10/25/2022	6.81	No	17	6.758	0.09196	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	10/25/2022	6.96	No	17	6.858	0.09329	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	10/25/2022	6.21	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-50	5.967	5.667	10/25/2022	5.89	No	18	5.817	0.07136	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	10/25/2022	5.94	No	18	5.854	0.05721	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	10/25/2022	6.65	No	18	6.652	0.06447	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.76	5.427	10/25/2022	5.64	No	17	5.594	0.07834	0	None	No	0.000752	Param Intra 1 of 2

Intrawell Prediction Limits - November 2022 pH Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 10:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (S.U.)	GWC-29	6.059	5.652	11/16/2022	6.14	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2

Intrawell Prediction Limits - November 2022 pH Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 10:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (S.U.)	GWA-45	6.48	5.95	11/16/2022	6.02	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	11/16/2022	5.88	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	11/16/2022	6.51	No	19	6.443	0.06488	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.953	6.562	11/16/2022	6.83	No	17	6.758	0.09196	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	11/16/2022	6.91	No	17	6.858	0.09329	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	11/16/2022	6.14	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-50	5.967	5.667	11/16/2022	5.81	No	18	5.817	0.07136	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	11/16/2022	5.87	No	18	5.854	0.05721	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	11/16/2022	6.65	No	18	6.652	0.06447	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.76	5.427	11/16/2022	5.65	No	17	5.594	0.07834	0	None	No	0.000752	Param Intra 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:36 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg. N	Bg. Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-29	45	n/a	8/31/2022	17	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-52	45	n/a	8/31/2022	21	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-51	13	n/a	8/31/2022	7.7	No	132	n/a	n/a	0	n/a	n/a	0.0001138	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-29	7.1	5.52	11/16/2022	6.14	No	163	n/a	n/a	0	n/a	n/a	0.0001483	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	8/31/2022	65	No	133	n/a	n/a	42.86	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:45 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWC-29	1.289	127	74	Yes	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-52	1.461	126	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-21 (bg)	0.1611	90	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.288	-76	-74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.3327	81	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.4105	132	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2129	100	68	Yes	18	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	0.06276	148	98	Yes	23	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	8.902	151	74	Yes	19	5.263	n/a	n/a	0.01	NP

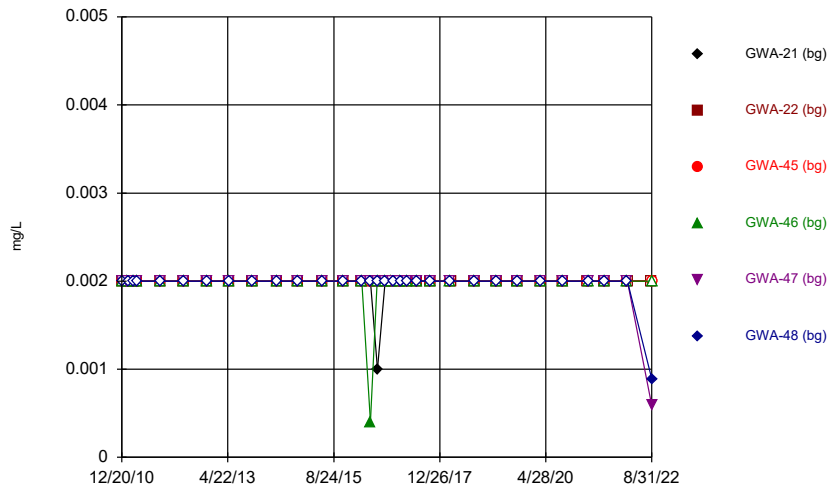
Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:45 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWA-21 (bg)	-0.102	-20	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-22 (bg)	0.1062	17	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-45 (bg)	-1.216	-33	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-46 (bg)	0.1059	53	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-47 (bg)	0.18	66	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-48 (bg)	0	0	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0	2	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-29	1.289	127	74	Yes	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-52	1.461	126	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-21 (bg)	0.1611	90	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.288	-76	-74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.3327	81	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.4105	132	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-47 (bg)	0	-2	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	-18	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	0	-27	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2129	100	68	Yes	18	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-21 (bg)	0.01812	48	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-22 (bg)	0.01063	27	92	No	22	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-45 (bg)	-0.008848	-46	-98	No	23	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-46 (bg)	0.004137	26	105	No	24	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-47 (bg)	0.01165	89	118	No	26	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-48 (bg)	0.01463	74	105	No	24	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-49 (bg)	0.01395	66	98	No	23	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	0.06276	148	98	Yes	23	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1061	56	74	No	19	5.263	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	-21	-74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	5.214	65	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	5	74	No	19	63.16	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	-10	-74	No	19	78.95	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0.02626	34	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-38	-74	No	19	63.16	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	8.902	151	74	Yes	19	5.263	n/a	n/a	0.01	NP

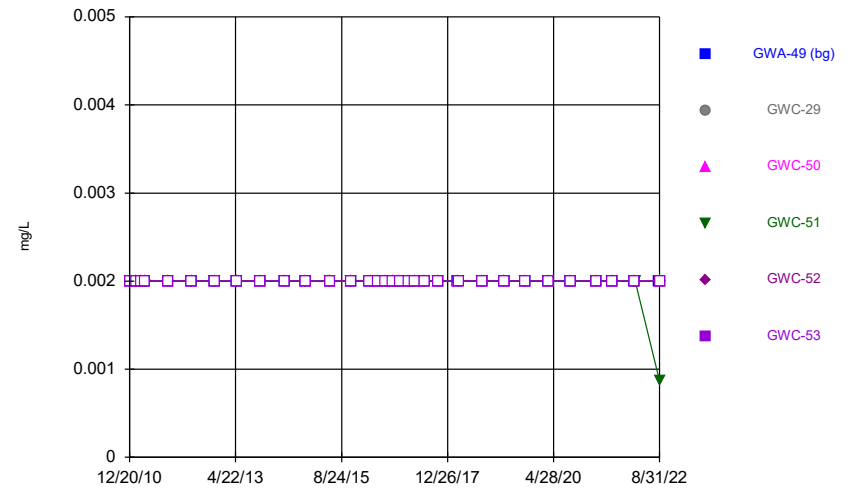
FIGURE A.

Time Series



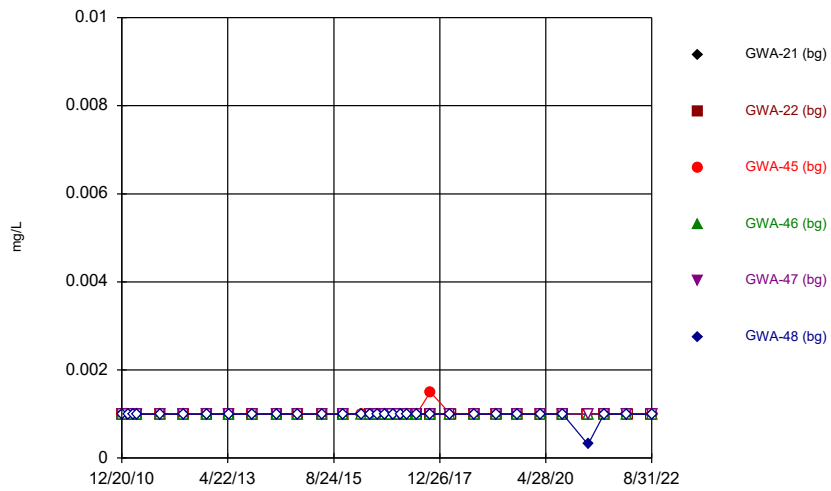
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Time Series



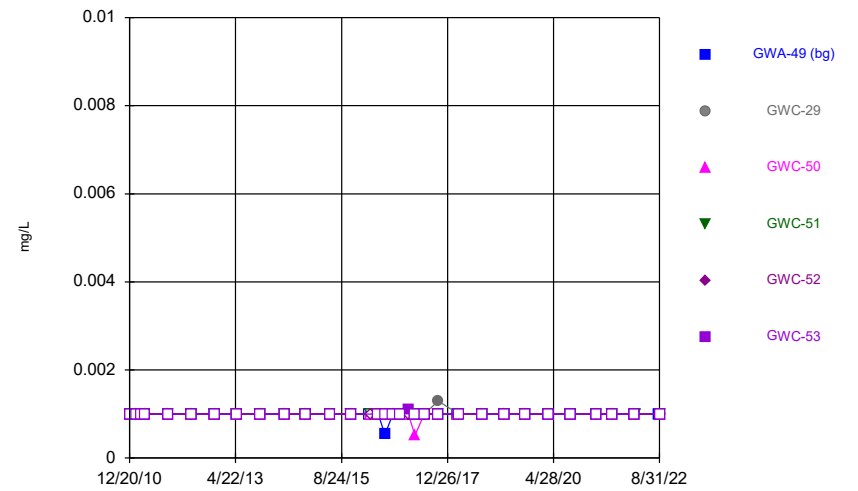
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Time Series



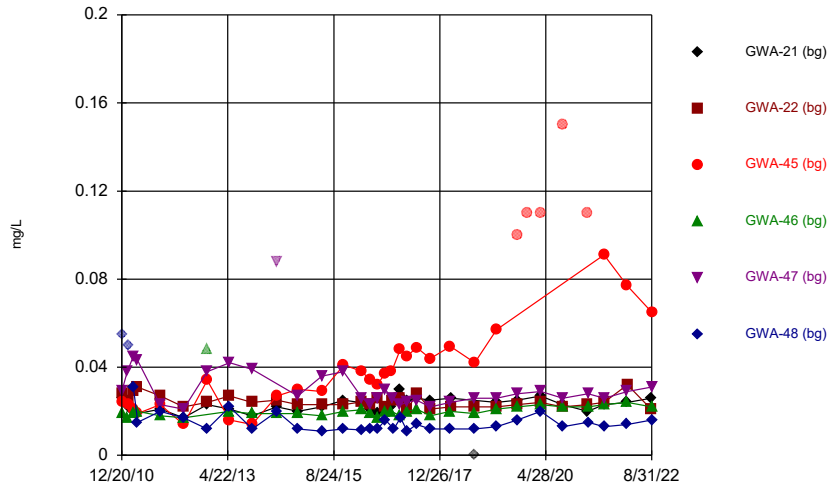
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Time Series



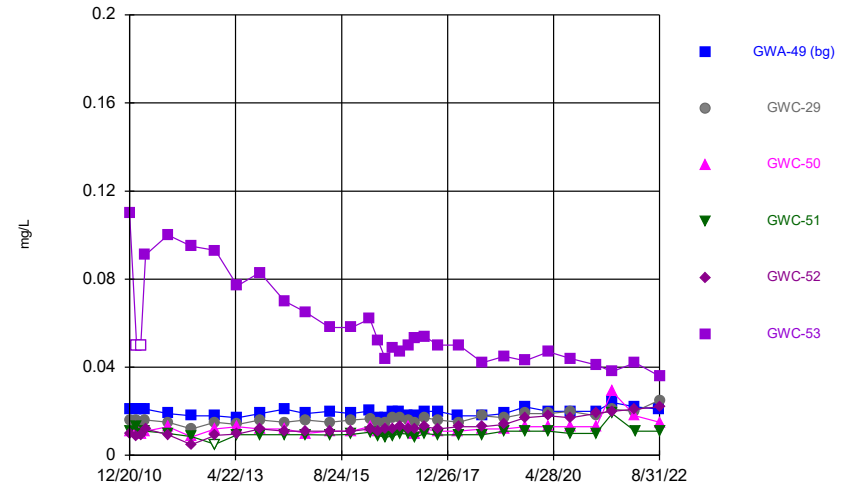
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Time Series



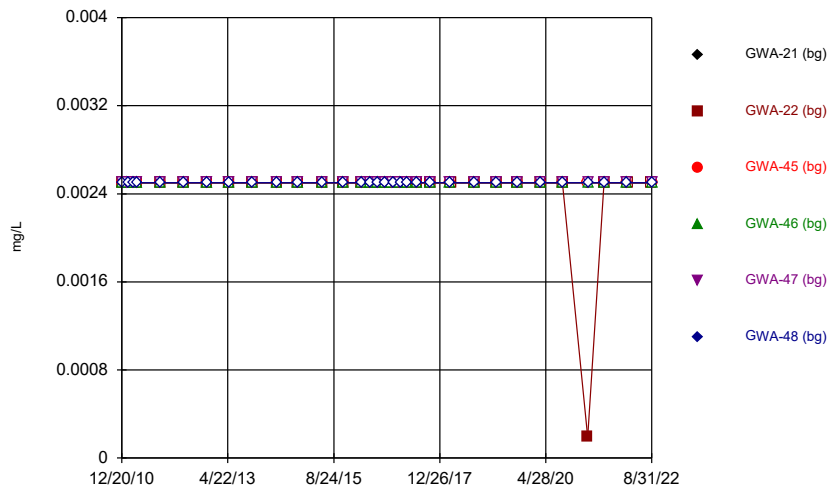
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Time Series



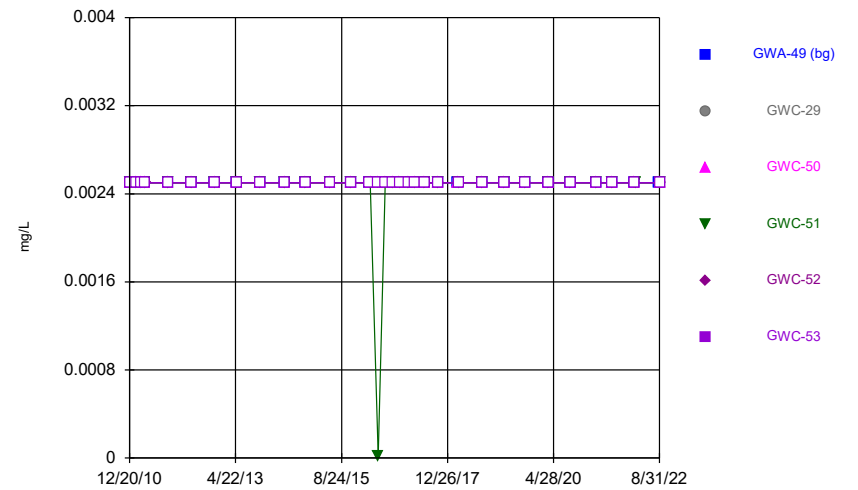
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Time Series



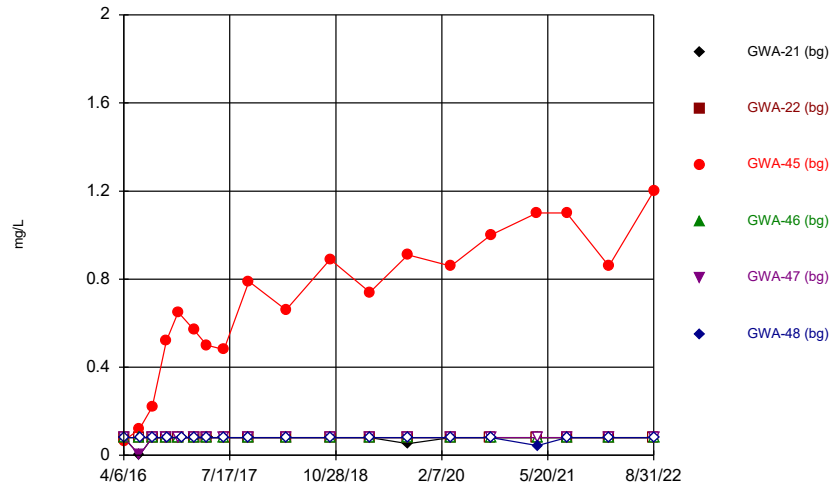
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Time Series



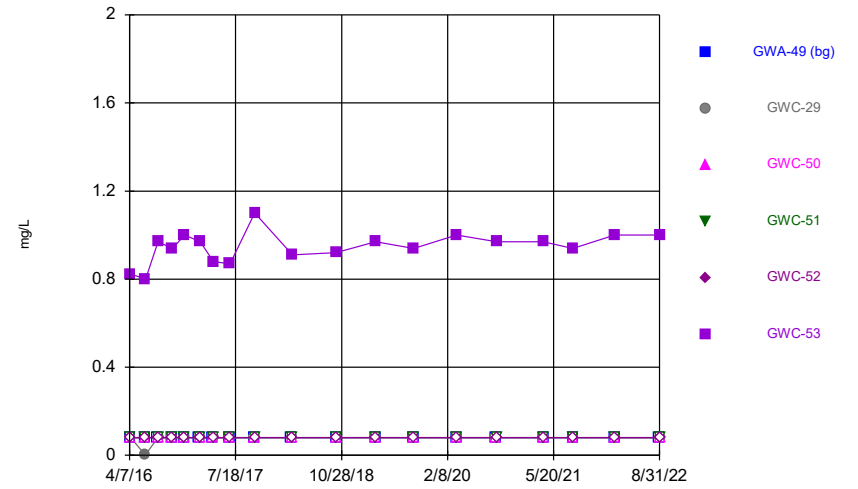
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Time Series



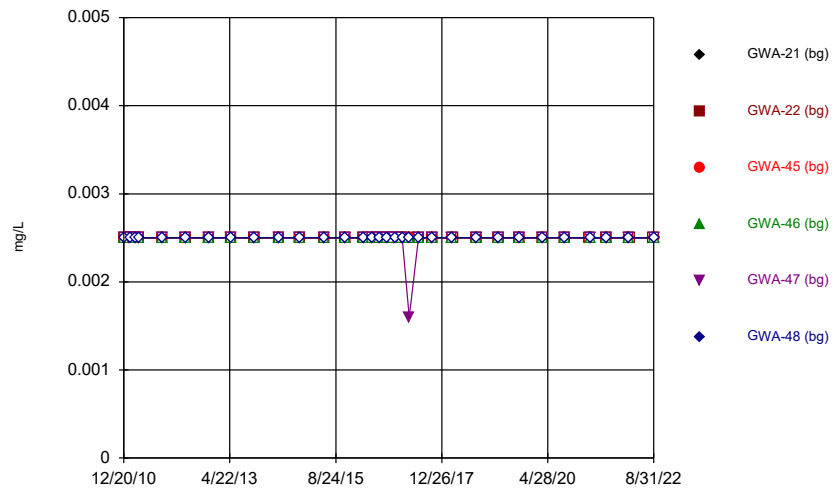
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Time Series



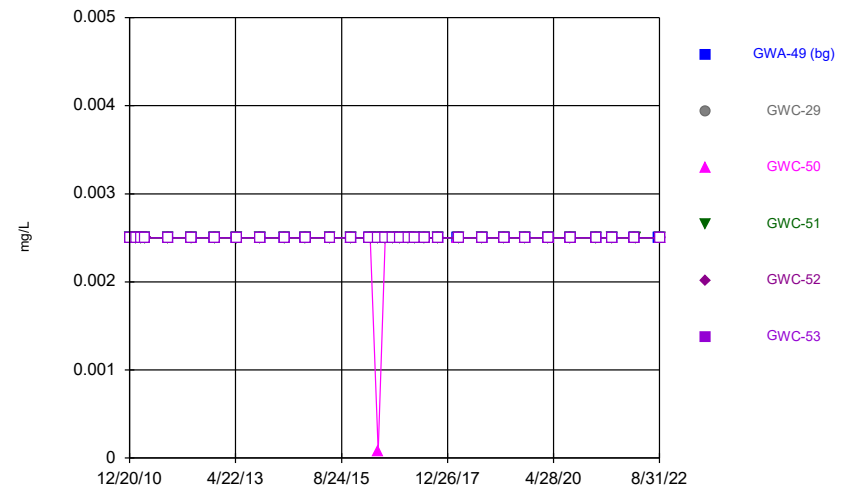
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Time Series



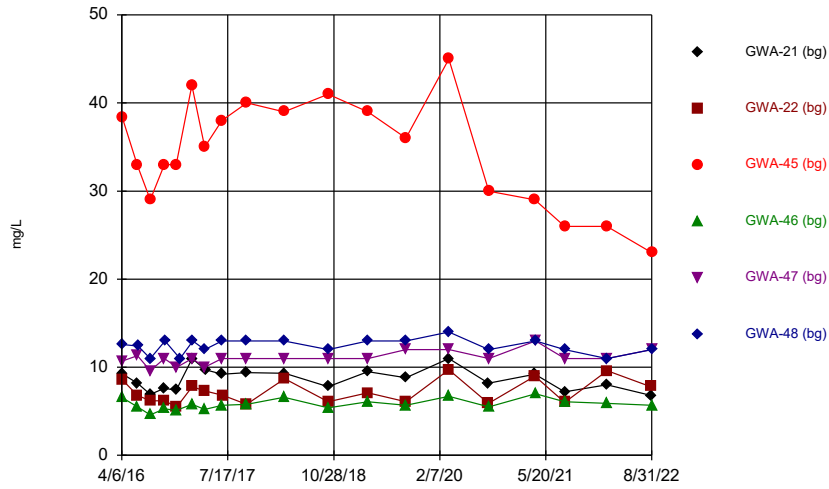
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Time Series



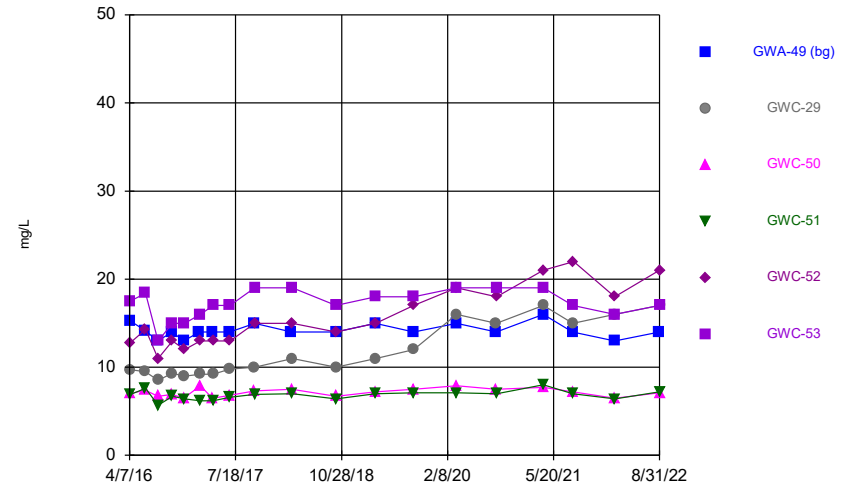
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Time Series



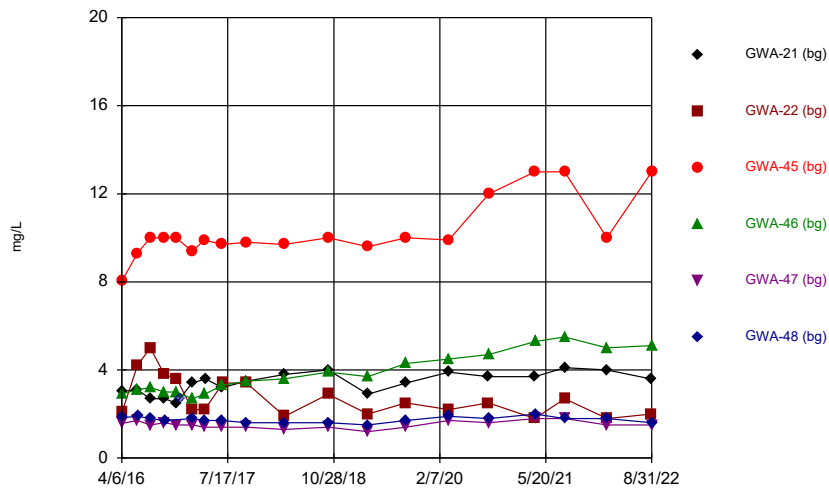
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Time Series



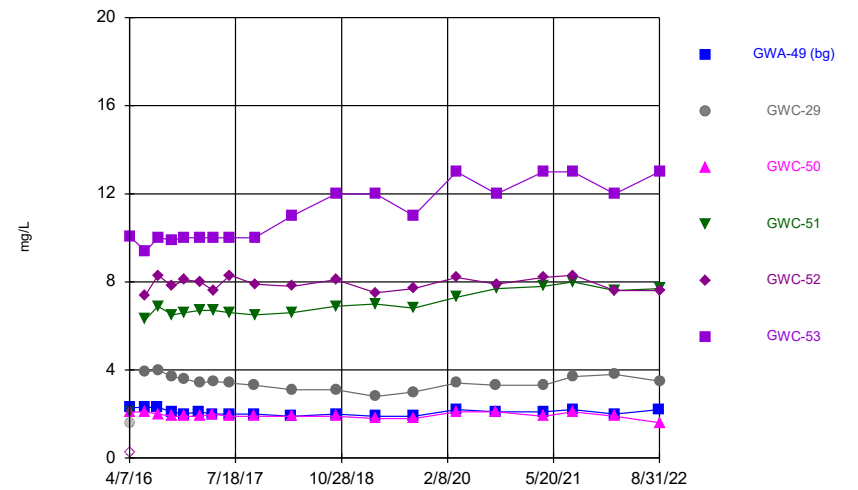
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Time Series



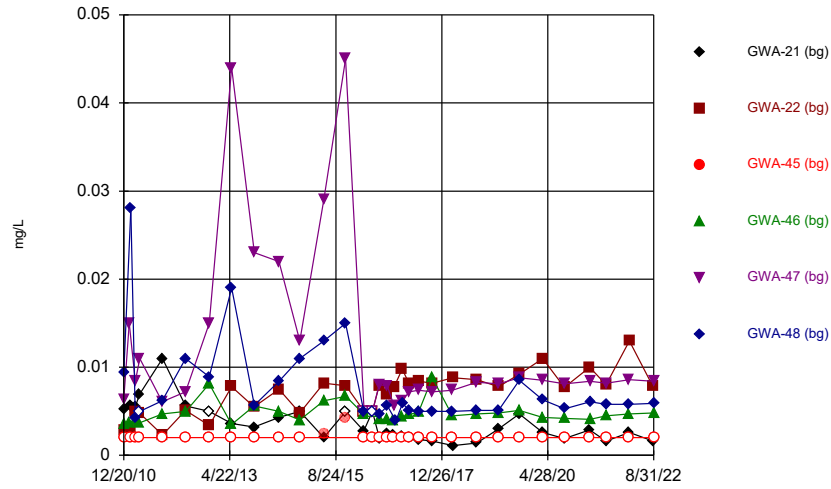
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Time Series



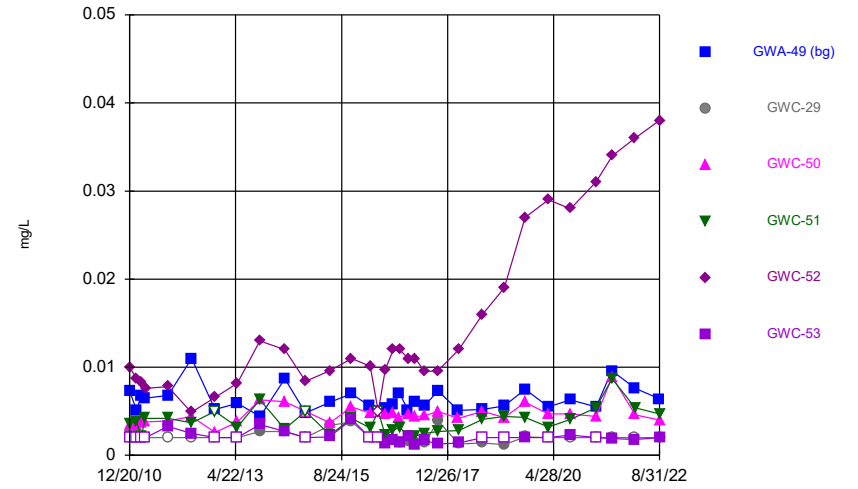
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Time Series



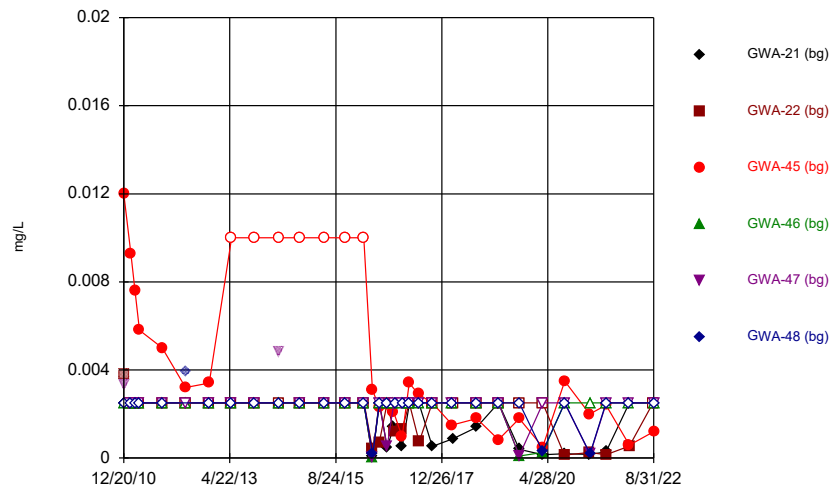
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



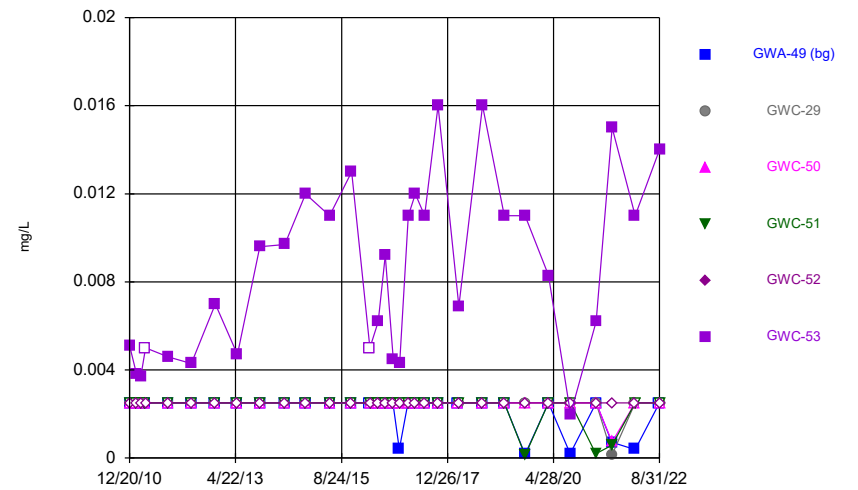
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Time Series



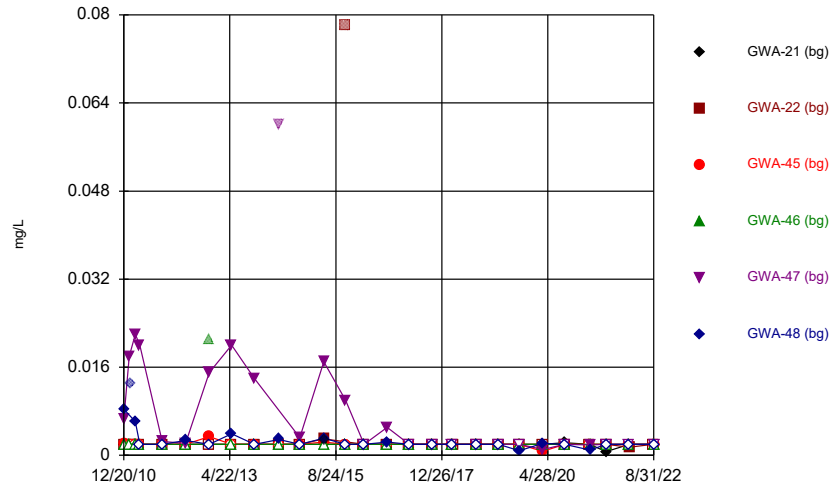
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Time Series



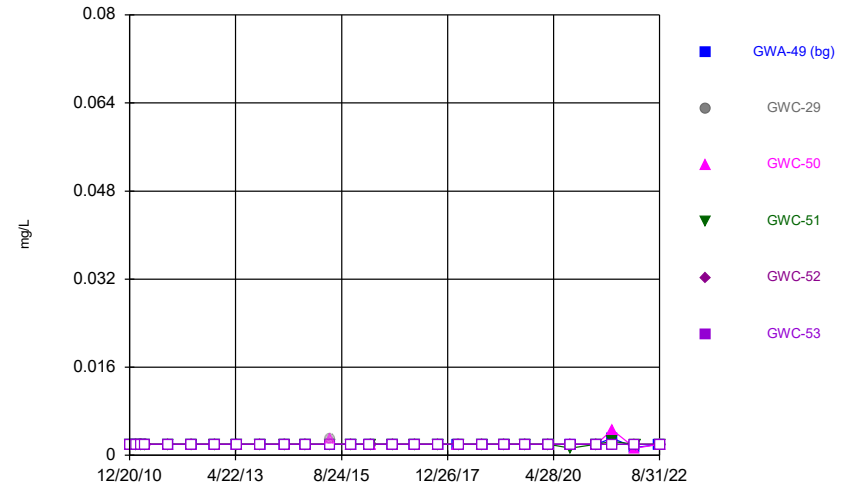
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Time Series



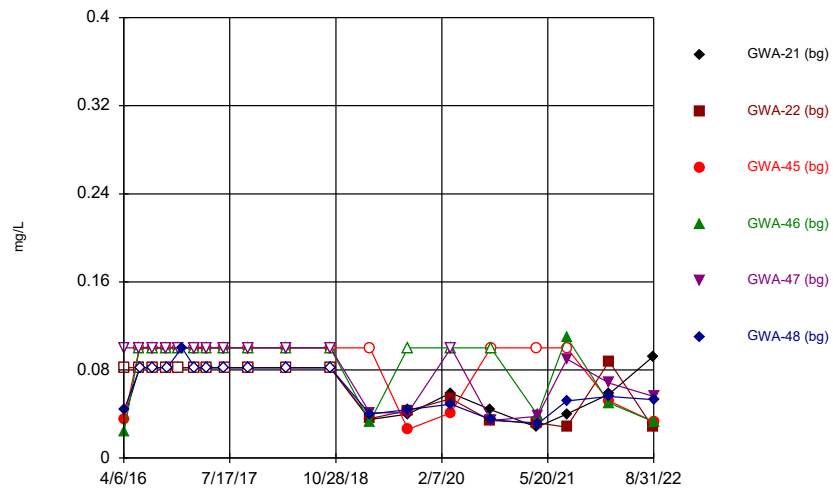
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



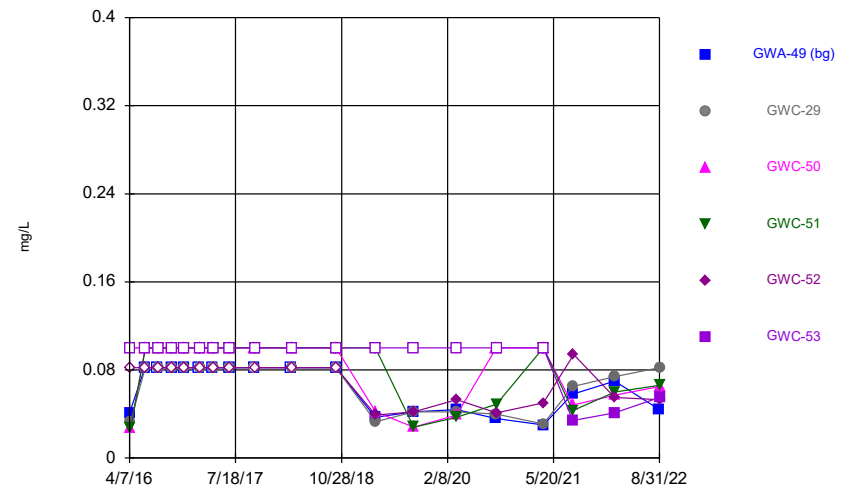
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Time Series



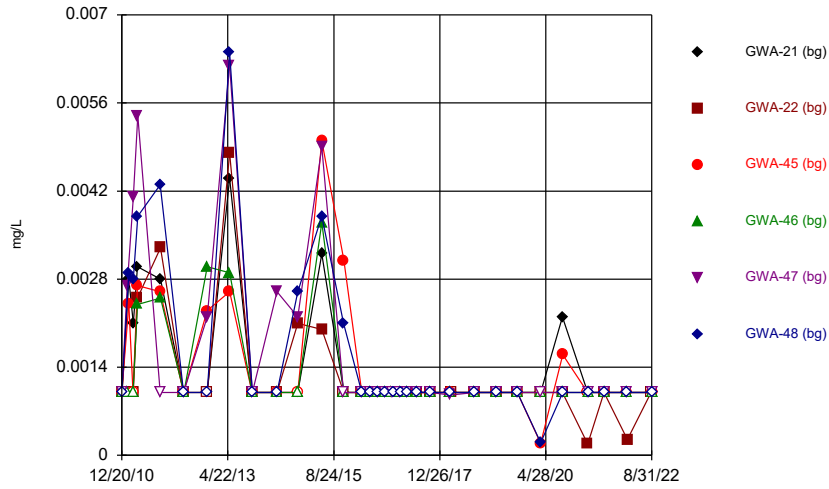
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Time Series



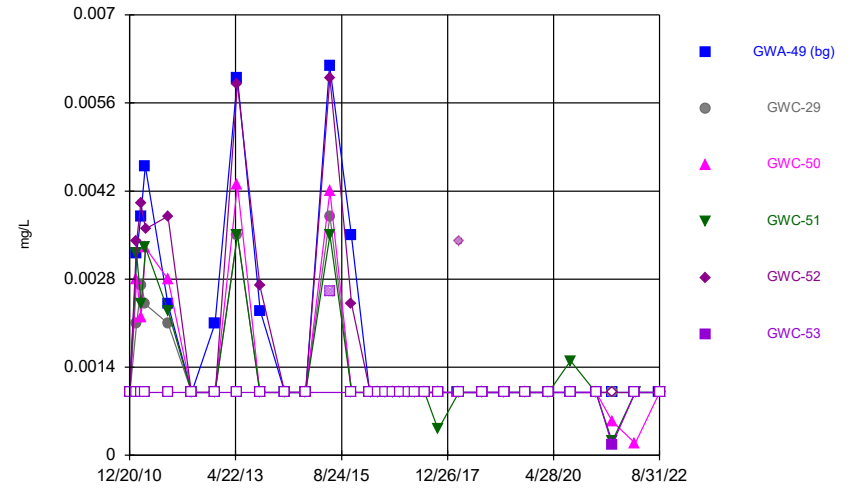
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Time Series



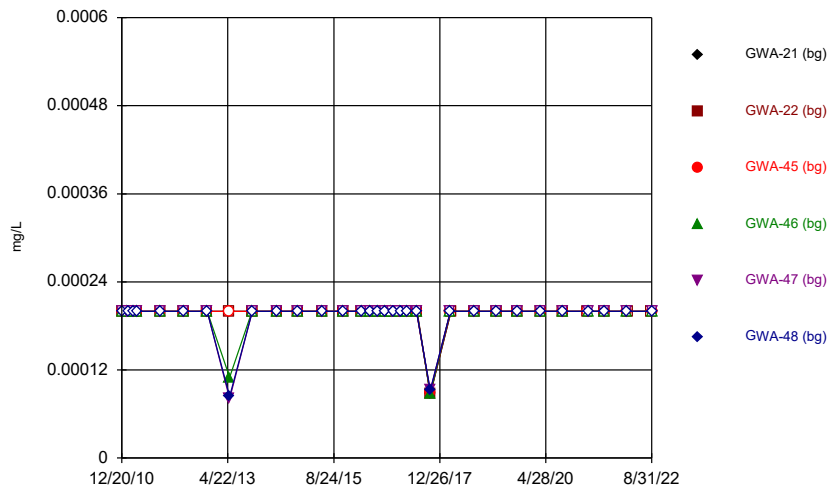
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



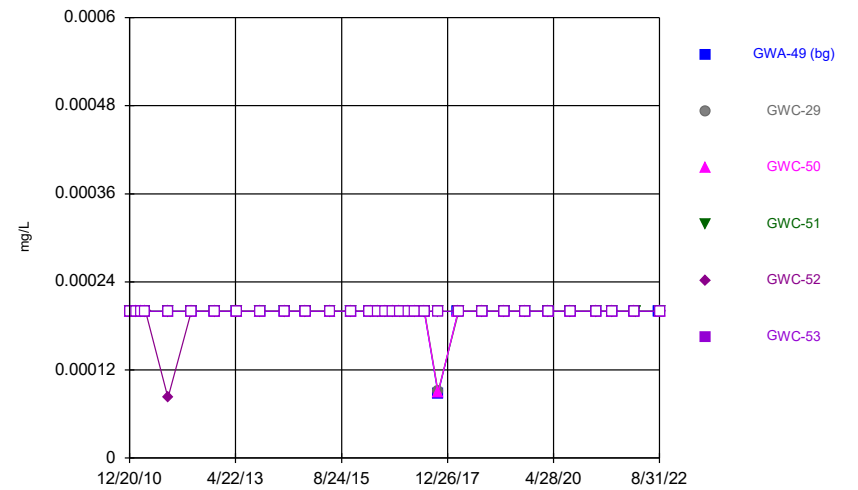
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



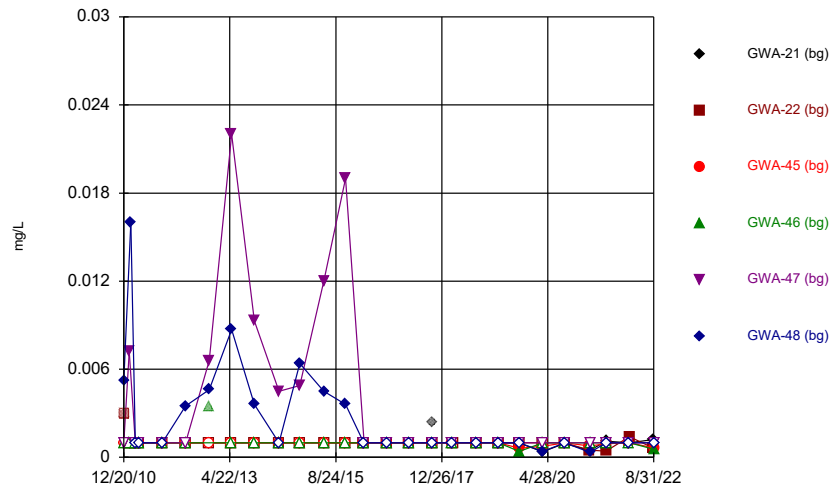
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



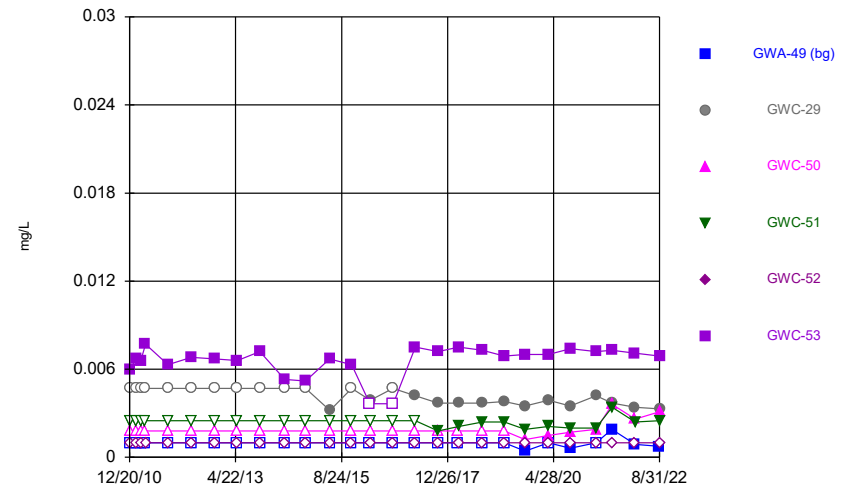
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Time Series



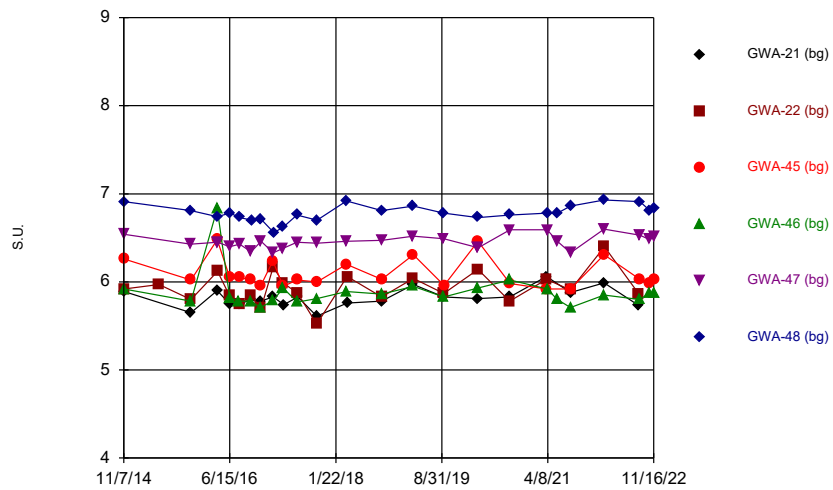
Constituent: Nickel, Total Analysis Run 12/1/2022 8:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



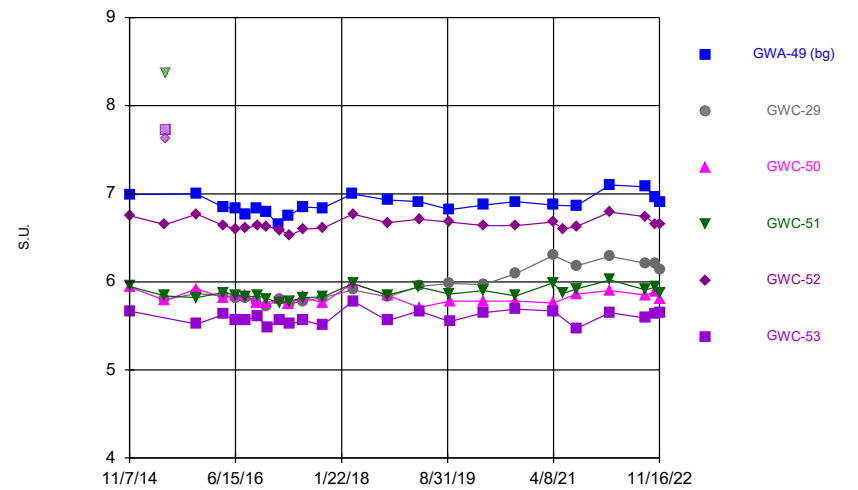
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Time Series



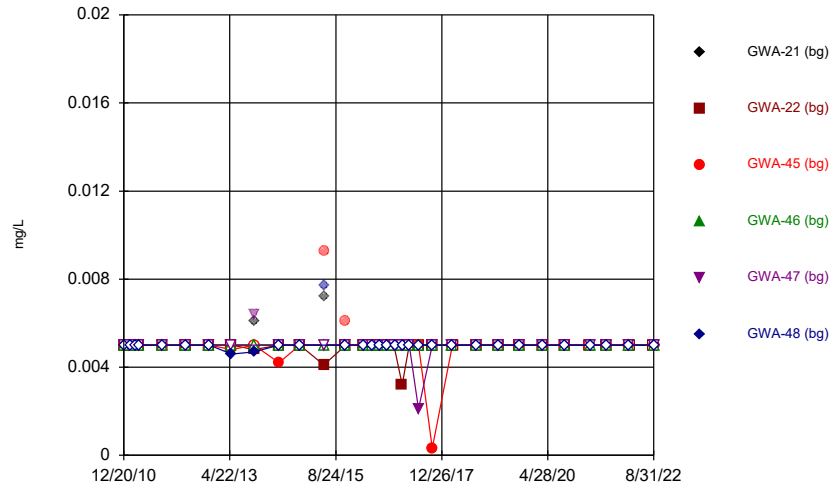
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series

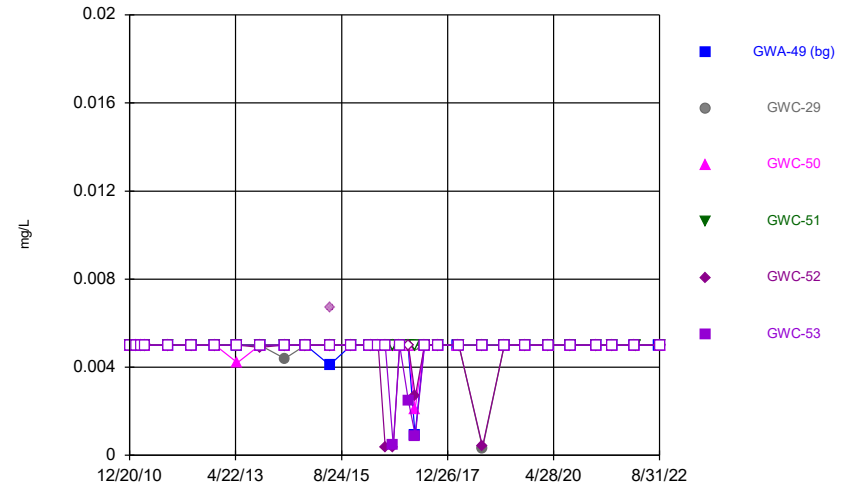


Constituent: pH Analysis Run 12/1/2022 8:54 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

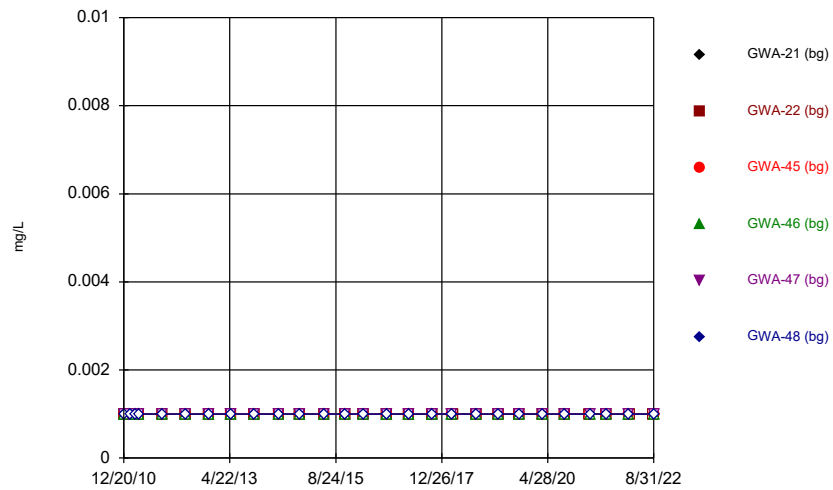
Time Series



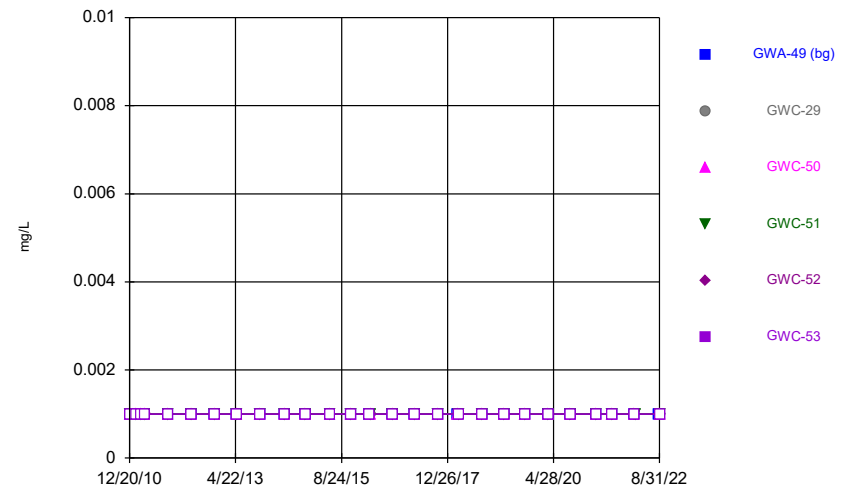
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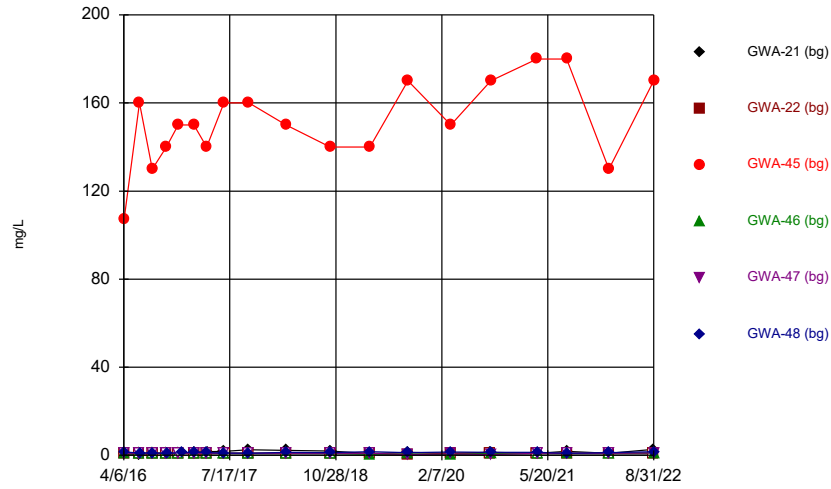
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Time Series

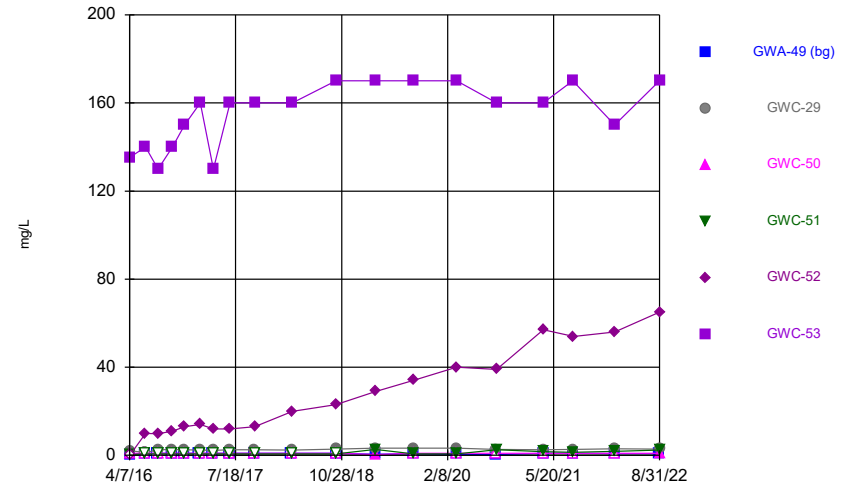


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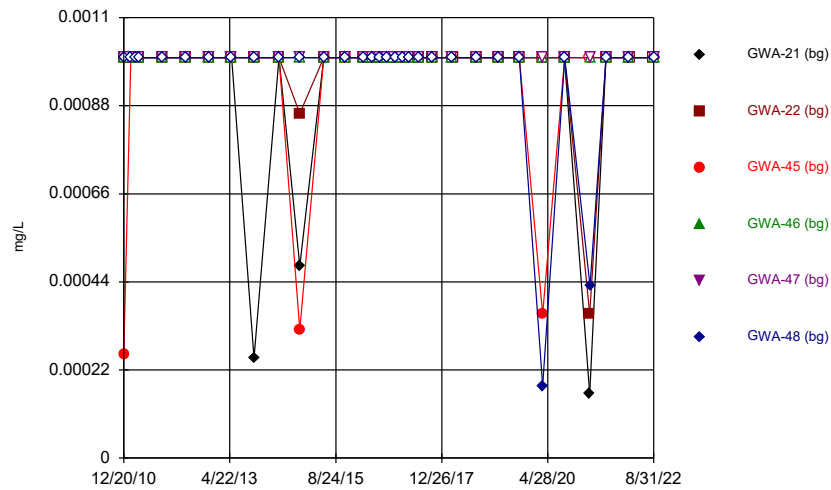
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



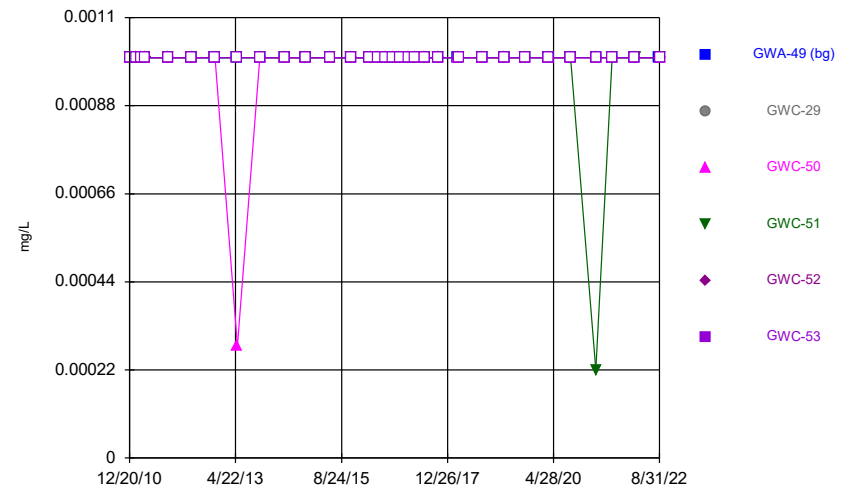
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



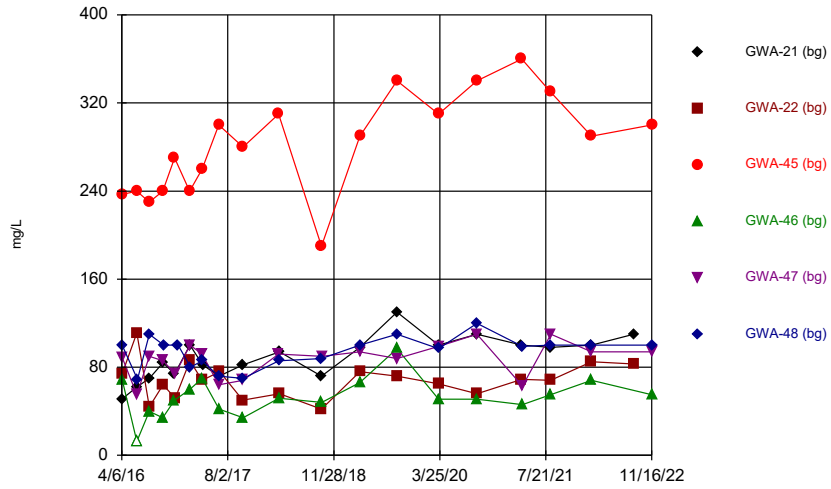
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



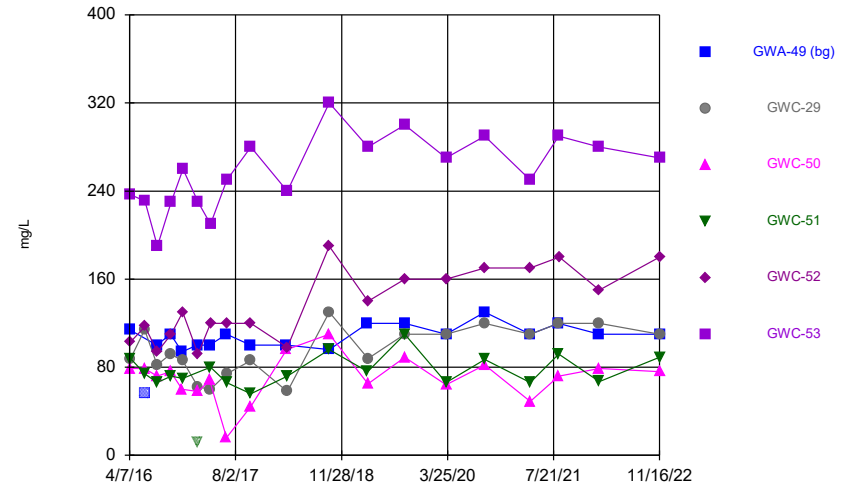
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



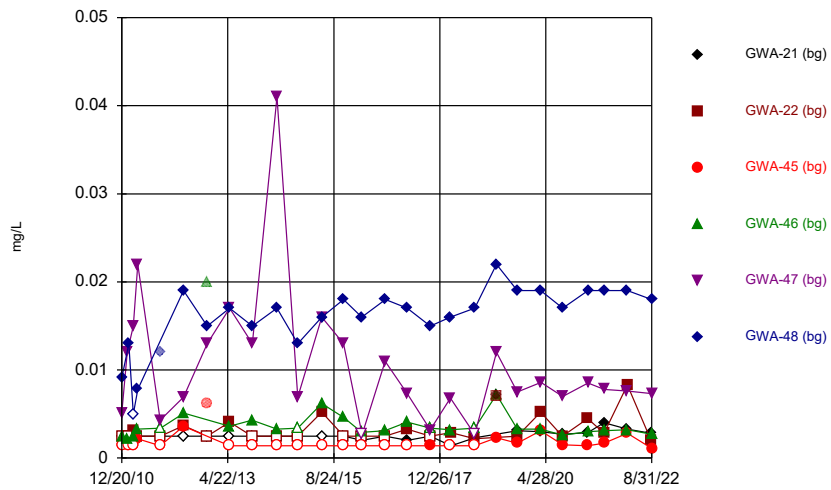
Constituent: Total Dissolved Solids Analysis Run 12/1/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



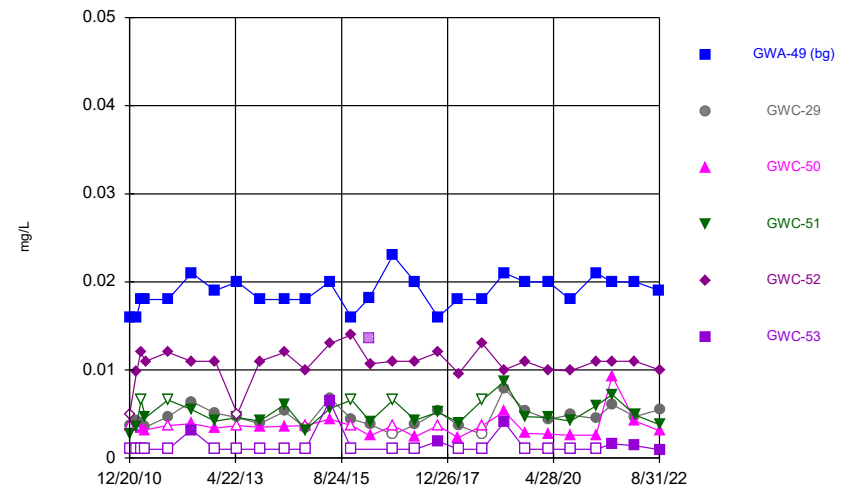
Constituent: Total Dissolved Solids Analysis Run 12/1/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



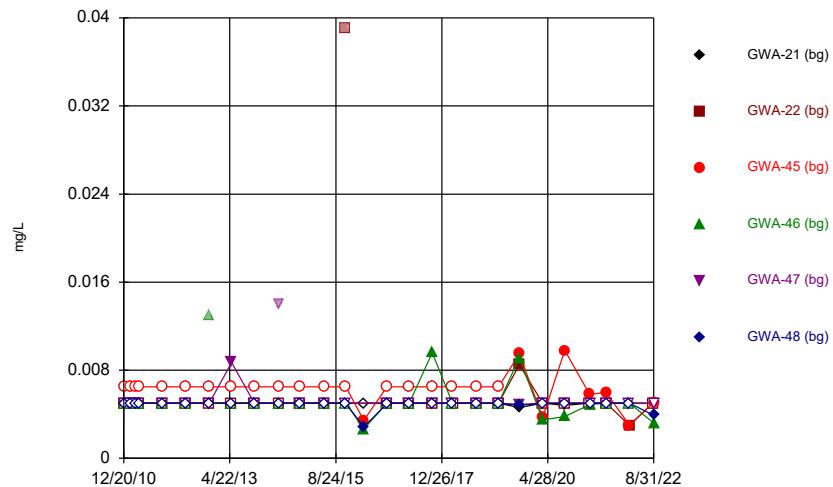
Constituent: Vanadium, Total Analysis Run 12/1/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



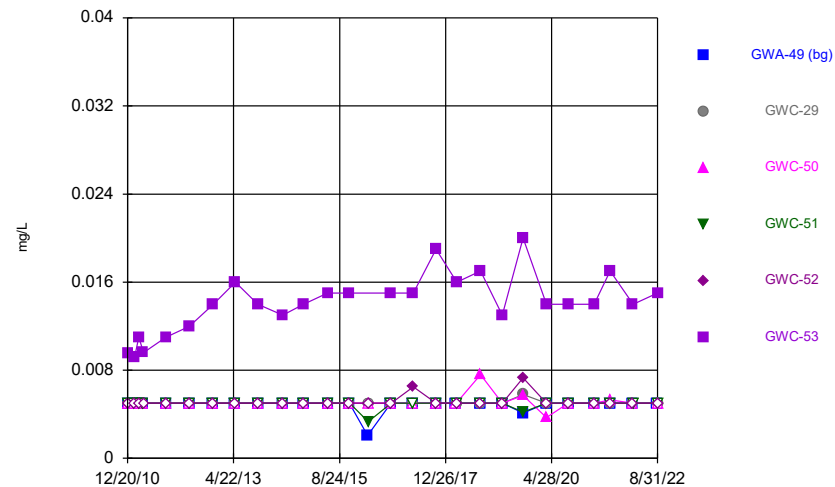
Constituent: Vanadium, Total Analysis Run 12/1/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



Constituent: Zinc, Total Analysis Run 12/1/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



Constituent: Zinc, Total Analysis Run 12/1/2022 8:55 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			<0.002	<0.002	<0.002	
12/21/2010						<0.002
12/22/2010	<0.002	<0.002				
2/1/2011				<0.002	<0.002	
2/14/2011	<0.002	<0.002	<0.002			<0.002
3/21/2011			<0.002	<0.002		
3/22/2011	<0.002	<0.002				
3/23/2011					<0.002	<0.002
4/26/2011	<0.002	<0.002	<0.002	<0.002		
4/27/2011					<0.002	<0.002
10/25/2011						<0.002
10/26/2011			<0.002		<0.002	
10/27/2011	<0.002	<0.002		<0.002		
5/1/2012	<0.002	<0.002	<0.002		<0.002	<0.002
5/2/2012				<0.002		
11/8/2012	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
5/7/2013	<0.002	<0.002		<0.002	<0.002	<0.002
5/8/2013			<0.002			
11/4/2013	<0.002	<0.002	<0.002	<0.002		
11/5/2013					<0.002	<0.002
5/23/2014					<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002		
11/7/2014			<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002	<0.002				
5/20/2015			<0.002	<0.002		
5/21/2015	<0.002	<0.002			<0.002	<0.002
11/12/2015					<0.002	<0.002
11/13/2015	<0.002	<0.002	<0.002	<0.002		
4/6/2016	<0.002					
4/7/2016			<0.002	<0.002		<0.002
4/8/2016		<0.002 (D)			<0.002 (D)	
6/14/2016	<0.002	<0.002	<0.002	0.0004 (J)	<0.002	
6/17/2016						<0.002
8/9/2016		<0.002	<0.002	<0.002	<0.002	
8/10/2016	0.001 (J)					<0.002
10/10/2016			<0.002	<0.002		
10/11/2016	<0.002	<0.002			<0.002	
10/14/2016						<0.002
12/2/2016	<0.002		<0.002	<0.002		
12/5/2016		<0.002			<0.002	
12/19/2016						<0.002
2/9/2017			<0.002			
2/10/2017	<0.002	<0.002		<0.002	<0.002	
2/13/2017						<0.002
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002					
6/22/2017			<0.002		<0.002	<0.002
6/23/2017	<0.002			<0.002		
6/26/2017		<0.002				
10/9/2017	<0.002	<0.002				
10/10/2017			<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002 (D)		<0.002	

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
3/23/2018				<0.002		<0.002
3/26/2018	<0.002	<0.002 (D)				
10/3/2018	<0.002	<0.002	<0.002			<0.002
10/4/2018				<0.002		
10/5/2018					<0.002	
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002		<0.002
3/20/2020					<0.002	
9/10/2020	<0.002	<0.002				
9/11/2020			<0.002	<0.002	<0.002	<0.002
4/2/2021	<0.002	<0.002	<0.002			
4/5/2021				<0.002	<0.002	<0.002
8/12/2021	<0.002	<0.002	<0.002	<0.002		<0.002
8/13/2021					<0.002	
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002
2/15/2022		<0.002				
8/26/2022	<0.002	<0.002				
8/31/2022			<0.002	<0.002	0.00059 (J)	0.00089 (J)

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						<0.002
12/21/2010	<0.002				<0.002	
12/22/2010		<0.002	<0.002	<0.002		
2/14/2011	<0.002					<0.002
2/15/2011		<0.002	<0.002	<0.002	<0.002	
3/21/2011	<0.002				<0.002	<0.002
3/22/2011		<0.002	<0.002	<0.002		
4/26/2011	<0.002					
4/27/2011		<0.002	<0.002	<0.002		<0.002
4/28/2011					<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012					<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002	<0.002		
11/9/2012					<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013		<0.002	<0.002	<0.002	<0.002	<0.002
11/5/2013	<0.002					
5/23/2014	<0.002					
5/24/2014		<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002	<0.002		<0.002	<0.002	<0.002
11/8/2014			<0.002			
5/20/2015						<0.002
5/21/2015	<0.002					
5/22/2015		<0.002	<0.002	<0.002	<0.002	
11/12/2015	<0.002					
11/13/2015		<0.002	<0.002	<0.002	<0.002	<0.002
4/7/2016	<0.002					
4/8/2016						<0.002 (D)
4/11/2016		<0.002	<0.002	<0.002	<0.002	
6/14/2016	<0.002					
6/15/2016		<0.002	<0.002			
6/16/2016				<0.002	<0.002	<0.002
8/9/2016	<0.002					
8/10/2016		<0.002	<0.002	<0.002		
8/11/2016					<0.002	<0.002
10/11/2016	<0.002	<0.002	<0.002			
10/13/2016				<0.002	<0.002	<0.002
12/2/2016	<0.002		<0.002			
12/5/2016		<0.002		<0.002	<0.002	
12/6/2016						<0.002
2/9/2017	<0.002					
2/13/2017		<0.002	<0.002	<0.002	<0.002	<0.002
4/7/2017	<0.002		<0.002			
4/10/2017		<0.002		<0.002		
4/11/2017					<0.002	<0.002
6/22/2017	<0.002		<0.002			
6/23/2017		<0.002		<0.002		
6/24/2017					<0.002	<0.002
10/10/2017	<0.002	<0.002	<0.002			
10/11/2017				<0.002	<0.002	<0.002
3/22/2018	<0.002					

Time Series

Constituent: Antimony, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
3/23/2018			<0.002			
3/26/2018		<0.002		<0.002	<0.002	<0.002
10/3/2018	<0.002					
10/4/2018		<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019	<0.002			<0.002		
3/28/2019		<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002	<0.002			
9/11/2020				<0.002	<0.002	<0.002
4/5/2021				<0.002	<0.002	
4/6/2021	<0.002	<0.002	<0.002			<0.002
8/12/2021	<0.002					
8/13/2021		<0.002	<0.002	<0.002		<0.002
8/17/2021					<0.002	
2/14/2022	<0.002	<0.002	<0.002		<0.002	<0.002
2/15/2022				<0.002		
8/30/2022	<0.002					
8/31/2022		<0.002	<0.002	0.00087 (J)	<0.002	<0.002

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			<0.001	<0.001	<0.001	
12/21/2010						<0.001
12/22/2010	<0.001	<0.001				
2/1/2011				<0.001	<0.001	
2/14/2011	<0.001	<0.001	<0.001			<0.001
3/21/2011			<0.001	<0.001		
3/22/2011	<0.001	<0.001				
3/23/2011					<0.001	<0.001
4/26/2011	<0.001	<0.001	<0.001	<0.001		
4/27/2011					<0.001	<0.001
10/25/2011						<0.001
10/26/2011			<0.001		<0.001	
10/27/2011	<0.001	<0.001		<0.001		
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001
5/2/2012				<0.001		
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001
5/8/2013			<0.001			
11/4/2013	<0.001	<0.001	<0.001	<0.001		
11/5/2013					<0.001	<0.001
5/23/2014					<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001		
11/7/2014			<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001				
5/20/2015			<0.001	<0.001		
5/21/2015	<0.001	<0.001			<0.001	<0.001
11/12/2015					<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001		
4/6/2016	<0.001					
4/7/2016			<0.001	<0.001		<0.001
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
6/17/2016						<0.001
8/9/2016		<0.001	<0.001	<0.001	<0.001	
8/10/2016	<0.001					<0.001
10/10/2016			<0.001	<0.001		
10/11/2016	<0.001	<0.001			<0.001	
10/14/2016						<0.001
12/2/2016	<0.001		<0.001	<0.001		
12/5/2016		<0.001			<0.001	
12/19/2016						<0.001
2/9/2017			<0.001			
2/10/2017	<0.001	<0.001		<0.001	<0.001	
2/13/2017						<0.001
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001					
6/22/2017			<0.001		<0.001	<0.001
6/23/2017	<0.001			<0.001		
6/26/2017		<0.001				
10/9/2017	<0.001	<0.001				
10/10/2017			0.0015	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001	
3/23/2018				<0.001		<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
3/26/2018	<0.001	<0.001 (D)				
10/3/2018	<0.001	<0.001	<0.001			<0.001
10/4/2018				<0.001		
10/5/2018					<0.001	
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001
3/20/2020					<0.001	
9/10/2020	<0.001	<0.001				
9/11/2020			<0.001	<0.001	<0.001	<0.001
4/2/2021	<0.001	<0.001	<0.001			
4/5/2021				<0.001	<0.001	0.00031 (J)
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001
8/13/2021					<0.001	
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001				
8/26/2022	<0.001	<0.001				
8/31/2022			<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						<0.001
12/21/2010	<0.001				<0.001	
12/22/2010		<0.001	<0.001	<0.001		
2/14/2011	<0.001					<0.001
2/15/2011		<0.001	<0.001	<0.001	<0.001	
3/21/2011	<0.001				<0.001	<0.001
3/22/2011		<0.001	<0.001	<0.001		
4/26/2011	<0.001					
4/27/2011		<0.001	<0.001	<0.001		<0.001
4/28/2011					<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012					<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001	<0.001		
11/9/2012					<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013		<0.001	<0.001	<0.001	<0.001	<0.001
11/5/2013	<0.001					
5/23/2014	<0.001					
5/24/2014		<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001	<0.001		<0.001	<0.001	<0.001
11/8/2014			<0.001			
5/20/2015						<0.001
5/21/2015	<0.001					
5/22/2015		<0.001	<0.001	<0.001	<0.001	
11/12/2015	<0.001					
11/13/2015		<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2016	<0.001					
4/11/2016		<0.001	<0.001	<0.001	<0.001	
6/14/2016	<0.001					
6/15/2016		<0.001	<0.001			
6/16/2016				<0.001	<0.001	<0.001
8/9/2016	0.00053					
8/10/2016		<0.001	<0.001	<0.001		
8/11/2016					<0.001	<0.001
10/11/2016	<0.001	<0.001	<0.001			
10/13/2016				<0.001	<0.001	<0.001
12/2/2016	<0.001		<0.001			
12/5/2016		<0.001		<0.001	<0.001	
12/6/2016						<0.001
2/9/2017	<0.001					
2/13/2017		<0.001	<0.001	<0.001	<0.001	0.0011
4/7/2017	<0.001		0.00052			
4/10/2017		<0.001		<0.001		
4/11/2017					<0.001	<0.001
6/22/2017	<0.001		<0.001			
6/23/2017		<0.001		<0.001		
6/24/2017					<0.001	<0.001
10/10/2017	<0.001	0.0013	<0.001			
10/11/2017				<0.001	<0.001	<0.001
3/22/2018	<0.001					
3/23/2018			<0.001			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
3/26/2018		<0.001		<0.001	<0.001	<0.001
10/3/2018	<0.001					
10/4/2018		<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001			<0.001		
3/28/2019		<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001			
9/11/2020				<0.001	<0.001	<0.001
4/5/2021				<0.001	<0.001	
4/6/2021	<0.001	<0.001	<0.001			<0.001
8/12/2021	<0.001					
8/13/2021		<0.001	<0.001	<0.001		<0.001
8/17/2021					<0.001	
2/14/2022	<0.001	<0.001	<0.001		<0.001	<0.001
2/15/2022				<0.001		
8/30/2022	<0.001					
8/31/2022		<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			0.024 (J)	0.019 (J)	0.029 (J)	
12/21/2010						0.055 (O)
12/22/2010	0.026 (J)	0.028 (J)				
2/1/2011				0.017 (J)	0.038 (J)	
2/14/2011	0.022 (J)	0.025 (J)	0.023 (J)			0.05 (O)
3/21/2011			0.021 (J)	0.019 (J)		
3/22/2011	0.02 (J)	0.029 (J)				
3/23/2011					0.045 (J)	0.031 (J)
4/26/2011	0.019 (J)	0.031 (J)	0.019 (J)	0.02 (J)		
4/27/2011					0.043 (J)	0.015 (J)
10/25/2011						0.02
10/26/2011			0.023		0.023	
10/27/2011	0.021	0.027		0.018		
5/1/2012	0.017	0.022	0.014		0.021	0.017
5/2/2012				0.017		
11/8/2012	0.023	0.024	0.034	0.048 (O)	0.038	0.012
5/7/2013	0.021	0.027		0.02	0.042	0.022
5/8/2013			0.016			
11/4/2013	0.018	0.024	0.014	0.019		
11/5/2013					0.039	0.012
5/23/2014					0.088 (O)	0.02
5/24/2014	0.022	0.025	0.027	0.019		
11/7/2014			0.03	0.019	0.027	0.012
11/8/2014	0.02	0.023				
5/20/2015			0.029	0.018		
5/21/2015	0.022	0.023			0.036	0.011
11/12/2015					0.038	0.012
11/13/2015	0.025	0.023	0.041	0.02		
4/6/2016	0.0239					
4/7/2016			0.0381	0.0207		0.0116
4/8/2016		0.0244			0.0261	
6/14/2016	0.021	0.023	0.034	0.019	0.023	
6/17/2016						0.012
8/9/2016		0.026	0.032	0.017	0.026	
8/10/2016	0.019					0.012
10/10/2016			0.037	0.02		
10/11/2016	0.02	0.022			0.03	
10/14/2016						0.016
12/2/2016	0.022		0.038	0.02		
12/5/2016		0.025			0.026	
12/19/2016						0.012
2/9/2017			0.048			
2/10/2017	0.03	0.026		0.018	0.023	
2/13/2017						0.017
4/7/2017		0.021	0.045	0.02	0.024	0.011
4/10/2017	0.025					
6/22/2017			0.049		0.025	0.014
6/23/2017	0.026			0.021		
6/26/2017		0.028				
10/9/2017	0.025	0.021				
10/10/2017			0.044	0.018	0.022	0.012
3/22/2018			0.0495 (D)		0.024	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
3/23/2018				0.02		0.012
3/26/2018	0.026	0.022 (D)				
10/3/2018	0.00049 (O)	0.022	0.042			0.012
10/4/2018				0.019		
10/5/2018					0.026	
3/27/2019	0.024	0.022	0.057	0.021	0.026	0.013
9/12/2019	0.025	0.023	0.1 (L)	0.022	0.028	0.016
12/2/2019			0.11 (RL)			
3/19/2020	0.027	0.024	0.11 (L)	0.023		0.02
3/20/2020					0.029	
9/10/2020	0.023	0.022				
9/11/2020			0.15 (L)	0.022	0.026	0.013
4/2/2021	0.02	0.023	0.11 (L)			
4/5/2021				0.022	0.028	0.015
8/12/2021	0.023	0.024	0.091	0.023		0.013
8/13/2021					0.026	
2/14/2022	0.024		0.077	0.024	0.029	0.014
2/15/2022		0.032				
8/26/2022	0.026	0.021				
8/31/2022			0.065	0.022	0.031	0.016

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						0.11
12/21/2010	0.021 (J)				0.01 (J)	
12/22/2010		0.016 (J)	0.011 (J)	0.011 (J)		
2/14/2011	0.021 (J)					<0.1
2/15/2011		0.016 (J)	0.013 (J)	0.013 (J)	0.0086 (J)	
3/21/2011	0.021 (J)				0.009 (J)	<0.1
3/22/2011		0.014 (J)	0.01 (J)	0.01 (J)		
4/26/2011	0.021 (J)					
4/27/2011		0.016 (J)	0.011 (J)	0.011 (J)		0.091 (J)
4/28/2011					0.012 (J)	
10/26/2011	0.019	0.015	0.013	0.0099 (J)	0.0093 (J)	0.1
5/1/2012					0.0048 (J)	0.095
5/2/2012	0.018	0.012	0.0084 (J)	0.0085 (J)		
11/8/2012	0.018	0.015	0.012	<0.01		
11/9/2012					0.0091 (J)	0.093
5/8/2013	0.017	0.014	0.013	0.0094 (J)	0.0096 (J)	0.077
11/4/2013		0.016	0.012	0.0094 (J)	0.012	0.083
11/5/2013	0.019					
5/23/2014	0.021					
5/24/2014		0.015	0.012	0.0094 (J)	0.011	0.07
11/7/2014	0.019	0.016		0.0094 (J)	0.011	0.065
11/8/2014			0.01			
5/20/2015						0.058
5/21/2015	0.02					
5/22/2015		0.015	0.011	0.0092 (J)	0.011	
11/12/2015	0.019					
11/13/2015		0.016	0.011	0.0095 (J)	0.011	0.058
4/7/2016	0.0201					
4/8/2016						0.0619
4/11/2016		0.0167	0.0132	0.0105	0.012	
6/14/2016	0.017					
6/15/2016		0.015	0.011			
6/16/2016				0.0089 (J)	0.011	0.052
8/9/2016	0.017					
8/10/2016		0.015	0.012	0.0082		
8/11/2016					0.012	0.044
10/11/2016	0.02	0.017	0.012			
10/13/2016				0.0088	0.012	0.049
12/2/2016	0.02		0.012			
12/5/2016		0.017		0.01	0.013	
12/6/2016						0.047
2/9/2017	0.018					
2/13/2017		0.016	0.013	0.0097	0.012	0.05
4/7/2017	0.018		0.01			
4/10/2017		0.015		0.0082		
4/11/2017					0.012	0.053
6/22/2017	0.02		0.012			
6/23/2017		0.017		0.01		
6/24/2017					0.013	0.054
10/10/2017	0.02	0.016	0.011			
10/11/2017				0.0092	0.012	0.05
3/22/2018	0.018					

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
3/23/2018			0.011			
3/26/2018		0.015		0.0094	0.013	0.05
10/3/2018	0.018					
10/4/2018		0.018	0.012	0.0093	0.013	0.042
3/27/2019	0.019			0.011		
3/28/2019		0.017	0.012		0.014	0.045
9/12/2019	0.022	0.019	0.013	0.011	0.017	0.043
3/19/2020	0.02	0.019	0.013	0.011	0.018	0.047
9/10/2020	0.02	0.02	0.013			
9/11/2020				0.01	0.017	0.044
4/5/2021				0.01	0.019	
4/6/2021	0.02	0.018	0.013			0.041
8/12/2021	0.024					
8/13/2021		0.021	0.029	0.019		0.038
8/17/2021					0.02	
2/14/2022	0.022	0.02	0.018		0.021	0.042
2/15/2022				0.011		
8/30/2022	0.021					
8/31/2022		0.025	0.015	0.011	0.022	0.036

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			<0.0025	<0.0025	<0.0025	
12/21/2010						<0.0025
12/22/2010	<0.0025	<0.0025				
2/1/2011				<0.0025	<0.0025	
2/14/2011	<0.0025	<0.0025	<0.0025			<0.0025
3/21/2011			<0.0025	<0.0025		
3/22/2011	<0.0025	<0.0025				
3/23/2011					<0.0025	<0.0025
4/26/2011	<0.0025	<0.0025	<0.0025	<0.0025		
4/27/2011					<0.0025	<0.0025
10/25/2011						<0.0025
10/26/2011			<0.0025		<0.0025	
10/27/2011	<0.0025	<0.0025		<0.0025		
5/1/2012	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
5/2/2012				<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
5/8/2013			<0.0025			
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025		
11/5/2013					<0.0025	<0.0025
5/23/2014					<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025		
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025				
5/20/2015			<0.0025	<0.0025		
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025		
4/6/2016	<0.0025					
4/7/2016			<0.0025	<0.0025		<0.0025
4/8/2016		<0.0025			<0.0025	
6/14/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
6/17/2016						<0.0025
8/9/2016		<0.0025	<0.0025	<0.0025	<0.0025	
8/10/2016	<0.0025					<0.0025
10/10/2016			<0.0025	<0.0025		
10/11/2016	<0.0025	<0.0025			<0.0025	
10/14/2016						<0.0025
12/2/2016	<0.0025		<0.0025	<0.0025		
12/5/2016		<0.0025			<0.0025	
12/19/2016						<0.0025
2/9/2017			<0.0025			
2/10/2017	<0.0025	<0.0025		<0.0025	<0.0025	
2/13/2017						<0.0025
4/7/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017	<0.0025					
6/22/2017			<0.0025		<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025		
6/26/2017		<0.0025				
10/9/2017	<0.0025	<0.0025				
10/10/2017			<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			<0.0025 (D)		<0.0025	

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
3/23/2018				<0.0025		<0.0025
3/26/2018	<0.0025	<0.0025 (D)				
10/3/2018	<0.0025	<0.0025	<0.0025			<0.0025
10/4/2018				<0.0025		
10/5/2018					<0.0025	
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
3/20/2020					<0.0025	
9/10/2020	<0.0025	<0.0025				
9/11/2020			<0.0025	<0.0025	<0.0025	<0.0025
4/2/2021	<0.0025	0.00019 (J)	<0.0025			
4/5/2021				<0.0025	<0.0025	<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/13/2021					<0.0025	
2/14/2022	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
2/15/2022		<0.0025				
8/26/2022	<0.0025	<0.0025				
8/31/2022			<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						<0.0025
12/21/2010	<0.0025				<0.0025	
12/22/2010		<0.0025	<0.0025	<0.0025		
2/14/2011	<0.0025					<0.0025
2/15/2011		<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011	<0.0025				<0.0025	<0.0025
3/22/2011		<0.0025	<0.0025	<0.0025		
4/26/2011	<0.0025					
4/27/2011		<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011					<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/1/2012					<0.0025	<0.0025
5/2/2012	<0.0025	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025		
11/9/2012					<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/4/2013		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/5/2013	<0.0025					
5/23/2014	<0.0025					
5/24/2014		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/7/2014	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
11/8/2014			<0.0025			
5/20/2015						<0.0025
5/21/2015	<0.0025					
5/22/2015		<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015	<0.0025					
11/13/2015		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2016	<0.0025					
4/8/2016						<0.0025
4/11/2016		<0.0025	<0.0025	<0.0025	<0.0025	
6/14/2016	<0.0025					
6/15/2016		<0.0025	<0.0025			
6/16/2016				2E-05 (J)	<0.0025	<0.0025
8/9/2016	<0.0025					
8/10/2016		<0.0025	<0.0025	<0.0025		
8/11/2016					<0.0025	<0.0025
10/11/2016	<0.0025	<0.0025	<0.0025			
10/13/2016				<0.0025	<0.0025	<0.0025
12/2/2016	<0.0025		<0.0025			
12/5/2016		<0.0025		<0.0025	<0.0025	
12/6/2016						<0.0025
2/9/2017	<0.0025					
2/13/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2017	<0.0025		<0.0025			
4/10/2017		<0.0025		<0.0025		
4/11/2017					<0.0025	<0.0025
6/22/2017	<0.0025		<0.0025			
6/23/2017		<0.0025		<0.0025		
6/24/2017					<0.0025	<0.0025
10/10/2017	<0.0025	<0.0025	<0.0025			
10/11/2017				<0.0025	<0.0025	<0.0025
3/22/2018	<0.0025					

Time Series

Constituent: Beryllium, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
3/23/2018			<0.0025			
3/26/2018		<0.0025		<0.0025	<0.0025	<0.0025
10/3/2018	<0.0025					
10/4/2018		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025			<0.0025		
3/28/2019		<0.0025	<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025	<0.0025			
9/11/2020				<0.0025	<0.0025	<0.0025
4/5/2021				<0.0025	<0.0025	
4/6/2021	<0.0025	<0.0025	<0.0025			<0.0025
8/12/2021	<0.0025					
8/13/2021		<0.0025	<0.0025	<0.0025		<0.0025
8/17/2021					<0.0025	
2/14/2022	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
2/15/2022				<0.0025		
8/30/2022	<0.0025					
8/31/2022		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Boron (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
4/6/2016	<0.08					
4/7/2016			0.0657 (J)	<0.08		<0.08
4/8/2016		<0.08			<0.08	
6/14/2016	0.0012 (J)	<0.08	0.12	<0.08	0.00079 (J)	
6/17/2016						<0.08
8/9/2016		<0.08	0.22	<0.08	<0.08	
8/10/2016	<0.08					<0.08
10/10/2016			0.52	<0.08		
10/11/2016	<0.08	<0.08			<0.08	
10/14/2016						<0.08
12/2/2016	<0.08		0.65	<0.08		
12/5/2016		<0.08			<0.08	
12/19/2016						<0.08
2/9/2017			0.57			
2/10/2017	<0.08	<0.08		<0.08	<0.08	
2/13/2017						<0.08
4/7/2017		<0.08	0.5	<0.08	<0.08	<0.08
4/10/2017	<0.08					
6/22/2017			0.48		<0.08	<0.08
6/23/2017	<0.08			<0.08		
6/26/2017		<0.08				
10/9/2017	<0.08	<0.08				
10/10/2017			0.79	<0.08	<0.08	<0.08
3/22/2018			0.66		<0.08	
3/23/2018				<0.08		<0.08
3/26/2018	<0.08	<0.08 (D)				
10/3/2018	<0.08	<0.08	0.89			<0.08
10/4/2018				<0.08		
10/5/2018					<0.08	
3/27/2019	<0.08	<0.08	0.74	<0.08	<0.08	<0.08
9/12/2019	0.053	<0.08	0.91	<0.08	<0.08	<0.08
3/19/2020	<0.08	<0.08	0.86	<0.08		<0.08
3/20/2020					<0.08	
9/10/2020	<0.08	<0.08				
9/11/2020			1	<0.08	<0.08	<0.08
4/2/2021	<0.08	<0.08	1.1			
4/5/2021				<0.08	<0.08	0.044 (J)
8/12/2021	<0.08	<0.08	1.1	<0.08		<0.08
8/13/2021					<0.08	
2/14/2022	<0.08		0.86	<0.08	<0.08	<0.08
2/15/2022		<0.08				
8/26/2022	<0.08	<0.08				
8/31/2022			1.2	<0.08	<0.08	<0.08

Time Series

Constituent: Boron (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/7/2016	<0.08					
4/8/2016						0.824
4/11/2016		<0.08	<0.08	<0.08	<0.08	
6/14/2016	<0.08					
6/15/2016		0.0021 (J)	<0.08			
6/16/2016				<0.08	<0.08	0.8 (J)
8/9/2016	<0.08					
8/10/2016		<0.08	<0.08	<0.08		
8/11/2016					<0.08	0.97
10/11/2016	<0.08	<0.08	<0.08			
10/13/2016				<0.08	<0.08	0.94
12/2/2016	<0.08		<0.08			
12/5/2016		<0.08		<0.08	<0.08	
12/6/2016						1
2/9/2017	<0.08					
2/13/2017		<0.08	<0.08	<0.08	<0.08	0.97
4/7/2017	<0.08		<0.08			
4/10/2017		<0.08		<0.08		
4/11/2017					<0.08	0.88
6/22/2017	<0.08		<0.08			
6/23/2017		<0.08		<0.08		
6/24/2017					<0.08	0.87
10/10/2017	<0.08	<0.08	<0.08			
10/11/2017				<0.08	<0.08	1.1
3/22/2018	<0.08					
3/23/2018			<0.08			
3/26/2018		<0.08		<0.08	<0.08	0.91
10/3/2018	<0.08					
10/4/2018		<0.08	<0.08	<0.08	<0.08	0.92
3/27/2019	<0.08			<0.08		
3/28/2019		<0.08	<0.08		<0.08	0.97
9/12/2019	<0.08	<0.08	<0.08	<0.08	<0.08	0.94
3/19/2020	<0.08	<0.08	<0.08	<0.08	<0.08	1
9/10/2020	<0.08	<0.08	<0.08			
9/11/2020				<0.08	<0.08	0.97
4/5/2021				<0.08	<0.08	
4/6/2021	<0.08	<0.08	<0.08			0.97
8/12/2021	<0.08					
8/13/2021		<0.08	<0.08	<0.08		0.94
8/17/2021					<0.08	
2/14/2022	<0.08	<0.08	<0.08		<0.08	1
2/15/2022				<0.08		
8/30/2022	<0.08					
8/31/2022		<0.08	<0.08	<0.08	<0.08	1

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			<0.0025	<0.0025	<0.0025	
12/21/2010						<0.0025
12/22/2010	<0.0025	<0.0025				
2/1/2011				<0.0025	<0.0025	
2/14/2011	<0.0025	<0.0025	<0.0025			<0.0025
3/21/2011			<0.0025	<0.0025		
3/22/2011	<0.0025	<0.0025				
3/23/2011					<0.0025	<0.0025
4/26/2011	<0.0025	<0.0025	<0.0025	<0.0025		
4/27/2011					<0.0025	<0.0025
10/25/2011						<0.0025
10/26/2011			<0.0025		<0.0025	
10/27/2011	<0.0025	<0.0025		<0.0025		
5/1/2012	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
5/2/2012				<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
5/8/2013			<0.0025			
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025		
11/5/2013					<0.0025	<0.0025
5/23/2014					<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025		
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025				
5/20/2015			<0.0025	<0.0025		
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025		
4/6/2016	<0.0025					
4/7/2016			<0.0025	<0.0025		<0.0025
4/8/2016		<0.0025			<0.0025	
6/14/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
6/17/2016						<0.0025
8/9/2016		<0.0025	<0.0025	<0.0025	<0.0025	
8/10/2016	<0.0025					<0.0025
10/10/2016			<0.0025	<0.0025		
10/11/2016	<0.0025	<0.0025			<0.0025	
10/14/2016						<0.0025
12/2/2016	<0.0025		<0.0025	<0.0025		
12/5/2016		<0.0025			<0.0025	
12/19/2016						<0.0025
2/9/2017			<0.0025			
2/10/2017	<0.0025	<0.0025		<0.0025	<0.0025	
2/13/2017						<0.0025
4/7/2017		<0.0025	<0.0025	<0.0025	0.0016	<0.0025
4/10/2017	<0.0025					
6/22/2017			<0.0025		<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025		
6/26/2017		<0.0025				
10/9/2017	<0.0025	<0.0025				
10/10/2017			<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			<0.0025 (D)		<0.0025	

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
3/23/2018				<0.0025		<0.0025
3/26/2018	<0.0025	<0.0025 (D)				
10/3/2018	<0.0025	<0.0025	<0.0025			<0.0025
10/4/2018				<0.0025		
10/5/2018					<0.0025	
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
3/20/2020					<0.0025	
9/10/2020	<0.0025	<0.0025				
9/11/2020			<0.0025	<0.0025	<0.0025	<0.0025
4/2/2021	<0.0025	<0.0025	<0.0025			
4/5/2021				<0.0025	<0.0025	<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/13/2021					<0.0025	
2/14/2022	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
2/15/2022		<0.0025				
8/26/2022	<0.0025	<0.0025				
8/31/2022			<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						<0.0025
12/21/2010	<0.0025				<0.0025	
12/22/2010		<0.0025	<0.0025	<0.0025		
2/14/2011	<0.0025					<0.0025
2/15/2011		<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011	<0.0025				<0.0025	<0.0025
3/22/2011		<0.0025	<0.0025	<0.0025		
4/26/2011	<0.0025					
4/27/2011		<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011					<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/1/2012					<0.0025	<0.0025
5/2/2012	<0.0025	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025		
11/9/2012					<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/4/2013		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/5/2013	<0.0025					
5/23/2014	<0.0025					
5/24/2014		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/7/2014	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
11/8/2014			<0.0025			
5/20/2015						<0.0025
5/21/2015	<0.0025					
5/22/2015		<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015	<0.0025					
11/13/2015		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2016	<0.0025					
4/8/2016						<0.0025
4/11/2016		<0.0025	<0.0025	<0.0025	<0.0025	
6/14/2016	<0.0025					
6/15/2016		<0.0025	7.4E-05 (J)			
6/16/2016				<0.0025	<0.0025	<0.0025
8/9/2016	<0.0025					
8/10/2016		<0.0025	<0.0025	<0.0025		
8/11/2016					<0.0025	<0.0025
10/11/2016	<0.0025	<0.0025	<0.0025			
10/13/2016				<0.0025	<0.0025	<0.0025
12/2/2016	<0.0025		<0.0025			
12/5/2016		<0.0025		<0.0025	<0.0025	
12/6/2016						<0.0025
2/9/2017	<0.0025					
2/13/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2017	<0.0025		<0.0025			
4/10/2017		<0.0025		<0.0025		
4/11/2017					<0.0025	<0.0025
6/22/2017	<0.0025		<0.0025			
6/23/2017		<0.0025		<0.0025		
6/24/2017					<0.0025	<0.0025
10/10/2017	<0.0025	<0.0025	<0.0025			
10/11/2017				<0.0025	<0.0025	<0.0025
3/22/2018	<0.0025					

Time Series

Constituent: Cadmium, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
3/23/2018			<0.0025			
3/26/2018		<0.0025		<0.0025	<0.0025	<0.0025
10/3/2018	<0.0025					
10/4/2018		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025			<0.0025		
3/28/2019		<0.0025	<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025	<0.0025			
9/11/2020				<0.0025	<0.0025	<0.0025
4/5/2021				<0.0025	<0.0025	
4/6/2021	<0.0025	<0.0025	<0.0025			<0.0025
8/12/2021	<0.0025					
8/13/2021		<0.0025	<0.0025	<0.0025		<0.0025
8/17/2021					<0.0025	
2/14/2022	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
2/15/2022				<0.0025		
8/30/2022	<0.0025					
8/31/2022		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
4/6/2016	9.27					
4/7/2016			38.4	6.57		12.6
4/8/2016		8.6			10.7	
6/14/2016	8.2	6.8	32.9	5.5	11.3	
6/17/2016						12.4
8/9/2016		6.2	29	4.6	9.6	
8/10/2016	6.9					11
10/10/2016			33	5.3		
10/11/2016	7.6	6.2			11	
10/14/2016						13
12/2/2016	7.4		33	5.1		
12/5/2016		5.5			10	
12/19/2016						11
2/9/2017			42			
2/10/2017	11	7.8		5.8	11	
2/13/2017						13
4/7/2017		7.3	35	5.2	10	12
4/10/2017	9.7					
6/22/2017			38		11	13
6/23/2017	9.2			5.7		
6/26/2017		6.8				
10/9/2017	9.4	5.8				
10/10/2017			40	5.8	11	13
3/22/2018			39 (D)		11	
3/23/2018				6.6		13
3/26/2018	9.3	8.7				
10/3/2018	7.8	6.1	41			12
10/4/2018				5.4		
10/5/2018					11	
3/27/2019	9.5	7.1	39	6.1	11	13
9/12/2019	8.8	6.1	36	5.7	12	13
3/19/2020	11	9.7	45	6.7		14
3/20/2020					12	
9/10/2020	8.2	5.9				
9/11/2020			30	5.5	11	12
4/2/2021	9.2	9	29			
4/5/2021				7	13	13
8/12/2021	7.2	6	26	6.1		12
8/13/2021					11	
2/14/2022	8		26	5.9	11	11
2/15/2022		9.6				
8/26/2022	6.8	7.8				
8/31/2022			23	5.7	12	12

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/7/2016	15.3					
4/8/2016						17.5
4/11/2016		9.7	7.04	6.9	12.8	
6/14/2016	14.2					
6/15/2016		9.5	7.4			
6/16/2016				7.6	14.3	18.4
8/9/2016	13					
8/10/2016		8.5	6.7	5.7		
8/11/2016					11	13
10/11/2016	14	9.3	6.9			
10/13/2016				6.7	13	15
12/2/2016	13		6.5			
12/5/2016		9		6.4	12	
12/6/2016						15
2/9/2017	14					
2/13/2017		9.2	7.9	6.2	13	16
4/7/2017	14		6.5			
4/10/2017		9.2		6.2		
4/11/2017					13	17
6/22/2017	14		6.8			
6/23/2017		9.8		6.6		
6/24/2017					13	17
10/10/2017	15	10	7.3			
10/11/2017				6.9	15	19
3/22/2018	14					
3/23/2018			7.5			
3/26/2018		11		7	15	19
10/3/2018	14					
10/4/2018		10	6.7	6.4	14	17
3/27/2019	15			7		
3/28/2019		11	7.2		15	18
9/12/2019	14	12	7.5	7.1	17	18
3/19/2020	15	16	7.9	7.1	19	19
9/10/2020	14	15	7.5			
9/11/2020				7	18	19
4/5/2021				8	21	
4/6/2021	16	17	7.7			19
8/12/2021	14					
8/13/2021		15	7.2	7		17
8/17/2021					22	
2/14/2022	13	16	6.5		18	16
2/15/2022				6.4		
8/30/2022	14					
8/31/2022		17	7.1	7.2	21	17

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
4/6/2016	3.034					
4/7/2016			8.05	2.914		1.842
4/8/2016		2.1			1.57	
6/14/2016	3.1	4.2	9.3	3.1	1.7	
6/17/2016						1.9
8/9/2016		5	10	3.2	1.5	
8/10/2016	2.7					1.8
10/10/2016			10	3		
10/11/2016	2.7	3.8			1.6	
10/14/2016						1.7
12/2/2016	2.5		10	3		
12/5/2016		3.6			1.5	
12/19/2016						2.7 (O)
2/9/2017			9.4			
2/10/2017	3.4	2.2		2.7	1.5	
2/13/2017						1.8
4/7/2017		2.2	9.9	2.9	1.4	1.7
4/10/2017	3.6					
6/22/2017			9.7		1.4	1.7
6/23/2017	3.2			3.3		
6/26/2017		3.4				
10/9/2017	3.5	3.4				
10/10/2017			9.8	3.5	1.4	1.6
3/22/2018			9.7 (D)		1.3	
3/23/2018				3.6		1.6
3/26/2018	3.8	1.9 (D)				
10/3/2018	4	2.9	10			1.6
10/4/2018				3.9		
10/5/2018					1.4	
3/27/2019	2.9	2	9.6	3.7	1.2	1.5
9/12/2019	3.4	2.5	10	4.3	1.4	1.7
3/19/2020	3.9	2.2	9.9	4.5		1.9
3/20/2020					1.7	
9/10/2020	3.7	2.5				
9/11/2020			12	4.7	1.6	1.8
4/2/2021	3.7	1.8	13			
4/5/2021				5.3	1.8	2
8/12/2021	4.1	2.7	13	5.5		1.8
8/13/2021					1.8	
2/14/2022	4		10	5	1.5	1.8
2/15/2022		1.8				
8/26/2022	3.6	2				
8/31/2022			13	5.1	1.5	1.6

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/7/2016	2.285					
4/8/2016						10.065
4/11/2016		1.57 (O)	2.09	2.09 (O)	<0.25 (O)	
6/14/2016	2.3					
6/15/2016		3.9	2.1			
6/16/2016				6.3	7.4	9.4
8/9/2016	2.3					
8/10/2016		4	2	6.9		
8/11/2016					8.3	10
10/11/2016	2.1	3.7	1.9			
10/13/2016				6.5	7.8	9.9
12/2/2016	2		1.9			
12/5/2016		3.6		6.6	8.1	
12/6/2016						10
2/9/2017	2.1					
2/13/2017		3.4	1.9	6.7	8	10
4/7/2017	2		2			
4/10/2017		3.5		6.7		
4/11/2017					7.6	10
6/22/2017	2		1.9			
6/23/2017		3.4		6.6		
6/24/2017					8.3	10
10/10/2017	2	3.3	1.9			
10/11/2017				6.5	7.9	10
3/22/2018	1.9					
3/23/2018			1.9			
3/26/2018		3.1		6.6	7.8	11
10/3/2018	2					
10/4/2018		3.1	1.9	6.9	8.1	12
3/27/2019	1.9			7		
3/28/2019		2.8	1.8		7.5	12
9/12/2019	1.9	3	1.8	6.8	7.7	11
3/19/2020	2.2	3.4	2.1	7.3	8.2	13
9/10/2020	2.1	3.3	2.1			
9/11/2020				7.7	7.9	12
4/5/2021				7.8	8.2	
4/6/2021	2.1	3.3	1.9			13
8/12/2021	2.2					
8/13/2021		3.7	2.1	8		13
8/17/2021					8.3	
2/14/2022	2	3.8	1.9		7.6	12
2/15/2022				7.6		
8/30/2022	2.2					
8/31/2022		3.5	1.6	7.7	7.6	13

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			<0.002	0.0036 (J)	0.0064	
12/21/2010						0.0094
12/22/2010	0.0052	0.0029 (J)				
2/1/2011				0.0037 (J)	0.015	
2/14/2011	0.0057	0.0027 (J)	<0.002			0.028
3/21/2011			<0.002	0.004 (J)		
3/22/2011	0.0055	0.0049 (J)				
3/23/2011					0.0084	0.0042 (J)
4/26/2011	0.0069	0.0048 (J)	<0.002	0.0037 (J)		
4/27/2011					0.011	<0.01
10/25/2011						0.0062
10/26/2011			<0.002		0.0061	
10/27/2011	0.011	0.0023 (J)		0.0047 (J)		
5/1/2012	0.0056	0.0051	<0.002		0.0072	0.011
5/2/2012				0.005 (J)		
11/8/2012	<0.01	0.0034 (J)	<0.002	0.0081	0.015	0.0089
5/7/2013	0.0036 (J)	0.0078		0.0035 (J)	0.044	0.019
5/8/2013			<0.002			
11/4/2013	0.0032 (J)	0.0055 (J)	<0.002	0.0056 (J)		
11/5/2013					0.023	0.0057 (J)
5/23/2014					0.022	0.0084 (J)
5/24/2014	0.0043 (J)	0.0075 (J)	<0.002	0.005 (J)		
11/7/2014			<0.002	0.004 (J)	0.013	0.011
11/8/2014	<0.01	0.0048 (J)				
5/20/2015			0.0025 (O)	0.0062 (J)		
5/21/2015	0.002 (J)	0.0082 (J)			0.029	0.013
11/12/2015					0.045	0.015
11/13/2015	<0.01	0.0079 (J)	0.0042 (O)	0.0067 (J)		
4/6/2016	0.00278 (J)					
4/7/2016			<0.002	0.00467 (J)		0.00498 (J)
4/8/2016		<0.01			<0.01	
6/14/2016	<0.01	<0.01	<0.002	<0.01	<0.01	
6/17/2016						<0.01
8/9/2016		0.0079	<0.002	0.0041	0.008	
8/10/2016	0.0019 (J)					0.0047
10/10/2016			<0.002	0.0041		
10/11/2016	0.0024 (J)	0.0069			0.0079	
10/14/2016						0.0056
12/2/2016	0.0023 (J)		<0.002	0.0039		
12/5/2016		0.0077			0.0057	
12/19/2016						0.0039
2/9/2017			<0.002			
2/10/2017	0.0021 (J)	0.0098		0.0044	0.0062	
2/13/2017						0.0059
4/7/2017		0.0081	<0.002	0.0046	0.0072	0.0051
4/10/2017	0.002 (J)					
6/22/2017			<0.002		0.0074	0.005
6/23/2017	0.0018 (J)			0.005		
6/26/2017		0.0084				
10/9/2017	0.0016 (J)	0.0082				
10/10/2017			<0.002	0.0088	0.0072	0.005
3/22/2018			<0.002 (D)		0.0074	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
3/23/2018				0.0045		0.005
3/26/2018	0.0011 (J)	0.0088				
10/3/2018	0.0014 (J)	0.0086	<0.002			0.0051
10/4/2018				0.0047		
10/5/2018					0.0083	
3/27/2019	0.003	0.0078	<0.002	0.0048	0.0081	0.0051
9/12/2019	0.0047	0.0092	<0.002	0.0051	0.0088	0.0085
3/19/2020	0.0026	0.011	<0.002	0.0043		0.0063
3/20/2020					0.0085	
9/10/2020	0.0019 (J)	0.0077				
9/11/2020			<0.002	0.0042	0.0081	0.0053
4/2/2021	0.0029	0.01	<0.002			
4/5/2021				0.0041	0.0084	0.0061
8/12/2021	0.0016 (J)	0.008	<0.002	0.0045		0.0058
8/13/2021					0.0082	
2/14/2022	0.0026		<0.002	0.0047	0.0086	0.0058
2/15/2022		0.013				
8/26/2022	0.0016 (J)	0.0078				
8/31/2022			<0.002	0.0048	0.0084	0.0059

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						<0.002
12/21/2010	0.0073				0.01	
12/22/2010		0.0026 (J)	0.0034 (J)	0.0036 (J)		
2/14/2011	0.0051					<0.002
2/15/2011		<0.002	0.0034 (J)	0.0038 (J)	0.0087	
3/21/2011	0.0067				0.0083	<0.002
3/22/2011		<0.002	0.0037 (J)	0.0022 (J)		
4/26/2011	0.0065					
4/27/2011		<0.002	0.0038 (J)	0.0042 (J)		<0.002
4/28/2011					0.0076	
10/26/2011	0.0068	<0.002	0.0039 (J)	0.0042 (J)	0.0078	0.0033 (J)
5/1/2012					0.0049 (J)	0.0025 (J)
5/2/2012	0.011	<0.002	0.0044 (J)	0.0037 (J)		
11/8/2012	0.0052	<0.002	0.0026 (J)	<0.01		
11/9/2012					0.0066	<0.002
5/8/2013	0.0059	<0.002	0.0038 (J)	0.0032 (J)	0.0082	<0.002
11/4/2013		0.0027 (J)	0.0063 (J)	0.0063 (J)	0.013	0.0035 (J)
11/5/2013	0.0044 (J)					
5/23/2014	0.0087 (J)					
5/24/2014		0.0027 (J)	0.0061 (J)	0.003 (J)	0.012	0.0027 (J)
11/7/2014	0.0048 (J)	<0.002		<0.01	0.0084 (J)	<0.002
11/8/2014			<0.01			
5/20/2015						0.0021 (J)
5/21/2015	0.006 (J)					
5/22/2015		0.0034 (J)	0.0037 (J)	0.0023 (J)	0.0096 (J)	
11/12/2015	0.007 (J)					
11/13/2015		0.0038 (J)	0.0055 (J)	0.0042 (J)	0.011	0.0041 (J)
4/7/2016	0.0056 (J)					
4/8/2016						<0.002
4/11/2016		<0.002	0.00479 (J)	0.00309 (J)	0.0101	
6/14/2016	<0.01					
6/15/2016		<0.002	<0.01			
6/16/2016				<0.01	<0.01	<0.002
8/9/2016	0.0053					
8/10/2016		0.0014 (J)	0.0047	0.0023 (J)		
8/11/2016					0.0097	0.0013 (J)
10/11/2016	0.0058	0.0017 (J)	0.0048			
10/13/2016				0.0028	0.012	0.0018 (J)
12/2/2016	0.0071		0.0043			
12/5/2016		0.0014 (J)		0.0032	0.012	
12/6/2016						0.0014 (J)
2/9/2017	0.0051					
2/13/2017		0.0016 (J)	0.0047	0.0021 (J)	0.011	0.0021 (J)
4/7/2017	0.006		0.0044			
4/10/2017		0.0014 (J)		0.0022 (J)		
4/11/2017					0.011	0.0012 (J)
6/22/2017	0.0056		0.0045			
6/23/2017		0.0014 (J)		0.0025		
6/24/2017					0.0095	0.0017 (J)
10/10/2017	0.0073	0.0039	0.005			
10/11/2017				0.0027	0.0096	0.0013 (J)
3/22/2018	0.0051					

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
3/23/2018			0.0042			
3/26/2018		0.0013 (J)		0.0028	0.012	0.0014 (J)
10/3/2018	0.0052					
10/4/2018		0.0014 (J)	0.005	0.0041	0.016	<0.002
3/27/2019	0.0056			0.0044		
3/28/2019		0.0012 (J)	0.0043		0.019	<0.002
9/12/2019	0.0075	0.0021 (J)	0.006	0.0043	0.027	0.002 (J)
3/19/2020	0.0055	<0.002	0.0047	0.0032	0.029	<0.002
9/10/2020	0.0063	<0.002	0.0047			
9/11/2020				0.0041	0.028	0.0023
4/5/2021				0.0054	0.031	
4/6/2021	0.0055	<0.002	0.0044			<0.002
8/12/2021	0.0096					
8/13/2021		<0.002	0.0089	0.0087		0.0019 (J)
8/17/2021					0.034	
2/14/2022	0.0076	<0.002	0.0046		0.036	0.0018 (J)
2/15/2022				0.0054		
8/30/2022	0.0064					
8/31/2022		<0.002	0.004	0.0047	0.038	0.002

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			0.012	<0.0025	0.0033 (O)	
12/21/2010						<0.0025
12/22/2010	<0.0025	0.0038 (O)				
2/1/2011				<0.0025	<0.0025	
2/14/2011	<0.0025	<0.0025	0.0093 (J)			<0.0025
3/21/2011			0.0076 (J)	<0.0025		
3/22/2011	<0.0025	<0.0025				
3/23/2011					<0.0025	<0.0025
4/26/2011	<0.0025	<0.0025	0.0058 (J)	<0.0025		
4/27/2011					<0.0025	<0.0025
10/25/2011						<0.0025
10/26/2011			0.005 (J)		<0.0025	
10/27/2011	<0.0025	<0.0025		<0.0025		
5/1/2012	<0.0025	<0.0025	0.0032 (J)		<0.0025	0.0039 (O)
5/2/2012				<0.0025		
11/8/2012	<0.0025	<0.0025	0.0034 (J)	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
5/8/2013			<0.01			
11/4/2013	<0.0025	<0.0025	<0.01	<0.0025		
11/5/2013					<0.0025	<0.0025
5/23/2014					0.0048 (O)	<0.0025
5/24/2014	<0.0025	<0.0025	<0.01	<0.0025		
11/7/2014			<0.01	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025				
5/20/2015			<0.01	<0.0025		
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.01	<0.0025		
4/6/2016	<0.0025					
4/7/2016			<0.01	<0.0025		<0.0025
4/8/2016		<0.0025			<0.0025	
6/14/2016	6.6E-05 (J)	0.00042 (J)	0.0031 (J)	3.8E-05 (J)	4.2E-05 (J)	
6/17/2016						0.00017 (J)
8/9/2016		0.00068 (J)	0.0023 (J)	<0.0025	<0.0025	
8/10/2016	<0.0025					<0.0025
10/10/2016			0.0024 (J)	<0.0025		
10/11/2016	0.00047 (J)	<0.0025			0.00052 (J)	
10/14/2016						<0.0025
12/2/2016	0.0014 (J)		0.0021 (J)	<0.0025		
12/5/2016		0.0012 (J)			<0.0025	
12/19/2016						<0.0025
2/9/2017			0.00096 (J)			
2/10/2017	0.00052 (J)	0.0013 (J)		<0.0025	<0.0025	
2/13/2017						<0.0025
4/7/2017		<0.0025	0.0034	<0.0025	<0.0025	<0.0025
4/10/2017	<0.0025					
6/22/2017			0.0029		<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025		
6/26/2017		0.00073 (J)				
10/9/2017	0.00053 (J)	<0.0025				
10/10/2017			0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			0.0015 (JD)		<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
3/23/2018				<0.0025		<0.0025
3/26/2018	0.00088 (J)	<0.0025 (D)				
10/3/2018	0.0014 (J)	<0.0025	0.0018 (J)			<0.0025
10/4/2018				<0.0025		
10/5/2018					<0.0025	
3/27/2019	<0.0025	<0.0025	0.00083 (J)	<0.0025	<0.0025	<0.0025
9/12/2019	0.0004 (J)	<0.0025	0.0018 (J)	9.5E-05 (J)	0.00011 (J)	<0.0025
3/19/2020	0.00015 (J)	<0.0025	0.0005 (J)	0.00025 (J)		0.00029 (J)
3/20/2020					<0.0025	
9/10/2020	0.00019 (J)	0.00014 (J)				
9/11/2020			0.0035	<0.0025	<0.0025	<0.0025
4/2/2021	0.00016 (J)	0.00026 (J)	0.002 (J)			
4/5/2021				<0.0025	0.00017 (J)	0.00019 (J)
8/12/2021	0.00028 (J)	0.00015 (J)	0.0024 (J)	<0.0025		<0.0025
8/13/2021					<0.0025	
2/14/2022	<0.0025		0.00059 (J)	<0.0025	<0.0025	<0.0025
2/15/2022		0.00054 (J)				
8/26/2022	<0.0025	<0.0025				
8/31/2022			0.0012 (J)	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						0.0051 (J)
12/21/2010	<0.0025				<0.0025	
12/22/2010		<0.0025	<0.0025	<0.0025		
2/14/2011	<0.0025					0.0038 (J)
2/15/2011		<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011	<0.0025				<0.0025	0.0037 (J)
3/22/2011		<0.0025	<0.0025	<0.0025		
4/26/2011	<0.0025					
4/27/2011		<0.0025	<0.0025	<0.0025		<0.01
4/28/2011					<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0046 (J)
5/1/2012					<0.0025	0.0043 (J)
5/2/2012	<0.0025	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025		
11/9/2012					<0.0025	0.007 (J)
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0047 (J)
11/4/2013		<0.0025	<0.0025	<0.0025	<0.0025	0.0096 (J)
11/5/2013	<0.0025					
5/23/2014	<0.0025					
5/24/2014		<0.0025	<0.0025	<0.0025	<0.0025	0.0097 (J)
11/7/2014	<0.0025	<0.0025		<0.0025	<0.0025	0.012
11/8/2014			<0.0025			
5/20/2015						0.011
5/21/2015	<0.0025					
5/22/2015		<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015	<0.0025					
11/13/2015		<0.0025	<0.0025	<0.0025	<0.0025	0.013
4/7/2016	<0.0025					
4/8/2016						<0.01
4/11/2016		<0.0025	<0.0025	<0.0025	<0.0025	
6/14/2016	<0.0025					
6/15/2016		<0.0025	<0.0025			
6/16/2016				<0.0025	<0.0025	0.0062 (J)
8/9/2016	<0.0025					
8/10/2016		<0.0025	<0.0025	<0.0025		
8/11/2016					<0.0025	0.0092
10/11/2016	<0.0025	<0.0025	<0.0025			
10/13/2016				<0.0025	<0.0025	0.0045
12/2/2016	0.0004 (J)		<0.0025			
12/5/2016		<0.0025		<0.0025	<0.0025	
12/6/2016						0.0043
2/9/2017	<0.0025					
2/13/2017		<0.0025	<0.0025	<0.0025	<0.0025	0.011
4/7/2017	<0.0025		<0.0025			
4/10/2017		<0.0025		<0.0025		
4/11/2017					<0.0025	0.012
6/22/2017	<0.0025		<0.0025			
6/23/2017		<0.0025		<0.0025		
6/24/2017					<0.0025	0.011
10/10/2017	<0.0025	<0.0025	<0.0025			
10/11/2017				<0.0025	<0.0025	0.016
3/22/2018	<0.0025					

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
3/23/2018			<0.0025			
3/26/2018		<0.0025		<0.0025	<0.0025	0.0069
10/3/2018	<0.0025					
10/4/2018		<0.0025	<0.0025	<0.0025	<0.0025	0.016
3/27/2019	<0.0025			<0.0025		
3/28/2019		<0.0025	<0.0025		<0.0025	0.011
9/12/2019	0.00017 (J)	<0.0025	<0.0025	0.00012 (J)	<0.0025	0.011
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0083
9/10/2020	0.0002 (J)	<0.0025	<0.0025			
9/11/2020				<0.0025	<0.0025	0.002 (J)
4/5/2021				0.0002 (J)	<0.0025	
4/6/2021	<0.0025	<0.0025	<0.0025			0.0062
8/12/2021	0.00072 (J)					
8/13/2021		0.00015 (J)	0.00074 (J)	0.00059 (J)		0.015
8/17/2021					<0.0025	
2/14/2022	0.00039 (J)	<0.0025	<0.0025		<0.0025	0.011
2/15/2022				<0.0025		
8/30/2022	<0.0025					
8/31/2022		<0.0025	<0.0025	<0.0025	<0.0025	0.014

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			0.0021 (J)	<0.002	0.0065 (J)	
12/21/2010						0.0084 (J)
12/22/2010	<0.002	<0.002				
2/1/2011				<0.002	0.018	
2/14/2011	<0.002	<0.002	<0.002			0.013 (O)
3/21/2011			<0.002	<0.002		
3/22/2011	<0.002	<0.002				
3/23/2011					0.022	0.0061 (J)
4/26/2011	<0.002	<0.002	<0.002	<0.002		
4/27/2011					0.02	<0.002
10/25/2011						<0.002
10/26/2011			<0.002		0.0025 (J)	
10/27/2011	<0.002	<0.002		<0.002		
5/1/2012	<0.002	<0.002	<0.002		0.0022 (J)	0.0027 (J)
5/2/2012				<0.002		
11/8/2012	<0.002	<0.002	0.0034 (J)	0.021 (O)	0.015	<0.002
5/7/2013	<0.002	<0.002		<0.002	0.02	0.0039 (J)
5/8/2013			<0.002			
11/4/2013	<0.002	<0.002	<0.002	<0.002		
11/5/2013					0.014	<0.002
5/23/2014					0.06 (O)	0.0029 (J)
5/24/2014	<0.002	<0.002	<0.002	<0.002		
11/7/2014			0.002 (J)	<0.002	0.0032 (J)	<0.002
11/8/2014	<0.002	<0.002				
5/20/2015			0.0024 (J)	<0.002		
5/21/2015	0.0028 (O)	0.003 (J)			0.017 (JV)	0.0031 (J)
11/12/2015					0.01 (J)	<0.002
11/13/2015	<0.002	0.078 (O)	<0.002	<0.002		
4/6/2016	<0.002					
4/7/2016			<0.002	<0.002		<0.002
4/8/2016		<0.002			<0.002	
10/10/2016			<0.002	<0.002		
10/11/2016	<0.002	<0.002			0.0051	
10/14/2016						0.0024 (J)
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002					
10/9/2017	<0.002	<0.002				
10/10/2017			<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002 (D)		<0.002	
3/23/2018				<0.002		<0.002
3/26/2018	<0.002	<0.002 (D)				
10/3/2018	<0.002	<0.002	<0.002			<0.002
10/4/2018				<0.002		
10/5/2018					<0.002	
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	0.00083 (J)
3/19/2020	<0.002	<0.002	0.00072 (J)	<0.002		0.0022
3/20/2020					0.0011 (J)	
9/10/2020	0.0023	<0.002				
9/11/2020			0.002	<0.002	<0.002	<0.002
4/2/2021	<0.002	<0.002	<0.002			
4/5/2021				<0.002	0.0019 (J)	0.00093 (J)

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
8/12/2021	0.00066 (J)	<0.002	<0.002	<0.002		<0.002
8/13/2021					<0.002	
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002
2/15/2022		0.0015 (J)				
8/26/2022	<0.002	<0.002				
8/31/2022			<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						<0.002
12/21/2010	<0.002				<0.002	
12/22/2010		<0.002	<0.002	<0.002		
2/14/2011	<0.002					<0.002
2/15/2011		<0.002	<0.002	<0.002	<0.002	
3/21/2011	<0.002				<0.002	<0.002
3/22/2011		<0.002	<0.002	<0.002		
4/26/2011	<0.002					
4/27/2011		<0.002	<0.002	<0.002		<0.002
4/28/2011					<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012					<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002	<0.002		
11/9/2012					<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013		<0.002	<0.002	<0.002	<0.002	<0.002
11/5/2013	<0.002					
5/23/2014	<0.002					
5/24/2014		<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002	<0.002		<0.002	<0.002	<0.002
11/8/2014			<0.002			
5/20/2015						<0.002
5/21/2015	<0.002					
5/22/2015		0.0031 (O)	0.0031 (O)	<0.002	<0.002	
11/12/2015	<0.002					
11/13/2015		<0.002	<0.002	<0.002	<0.002	<0.002
4/7/2016	<0.002					
4/8/2016						<0.002
4/11/2016		<0.002	<0.002	<0.002	<0.002	
10/11/2016	<0.002	<0.002	<0.002			
10/13/2016				<0.002	<0.002	<0.002
4/7/2017	<0.002		<0.002			
4/10/2017		<0.002		<0.002		
4/11/2017					<0.002	<0.002
10/10/2017	<0.002	<0.002	<0.002			
10/11/2017				<0.002	<0.002	<0.002
3/22/2018	<0.002					
3/23/2018			<0.002			
3/26/2018		<0.002		<0.002	<0.002	<0.002
10/3/2018	<0.002					
10/4/2018		<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019	<0.002			<0.002		
3/28/2019		<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002	<0.002			
9/11/2020				0.0013 (J)	<0.002	<0.002
4/5/2021				<0.002	<0.002	
4/6/2021	<0.002	<0.002	<0.002			<0.002
8/12/2021	0.0031					
8/13/2021		<0.002	0.0046	0.0025		<0.002

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
8/17/2021					<0.002	
2/14/2022	0.0014 (J)	<0.002	0.0013 (J)		<0.002	<0.002
2/15/2022				<0.002		
8/30/2022	<0.002					
8/31/2022		<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
4/6/2016	0.035 (J)					
4/7/2016			0.035 (J)	0.024 (J)		0.044 (J)
4/8/2016		<0.082			<0.1	
6/14/2016	<0.082	<0.082	<0.1	<0.1	<0.1	
6/17/2016						<0.082
8/9/2016		<0.082	<0.1	<0.1	<0.1	
8/10/2016	<0.082					<0.082
10/10/2016			<0.1	<0.1		
10/11/2016	<0.082	<0.082			<0.1	
10/14/2016						<0.082
12/2/2016	<0.082		<0.1	<0.1		
12/5/2016		<0.082			<0.1	
12/19/2016						0.1 (J)
2/9/2017			<0.1			
2/10/2017	<0.082	<0.082		<0.1	<0.1	
2/13/2017						<0.082
4/7/2017		<0.082	<0.1	<0.1	<0.1	<0.082
4/10/2017	<0.082					
6/22/2017			<0.1		<0.1	<0.082
6/23/2017	<0.082			<0.1		
6/26/2017		<0.082				
10/9/2017	<0.082	<0.082				
10/10/2017			<0.1	<0.1	<0.1	<0.082
3/22/2018			<0.1 (D)		<0.1	
3/23/2018				<0.1		<0.082
3/26/2018	<0.082	<0.082 (D)				
10/3/2018	<0.082	<0.082	<0.1			<0.082
10/4/2018				<0.1		
10/5/2018					<0.1	
3/27/2019	0.035 (J)	0.036 (J)	<0.1	0.033 (J)	0.041 (J)	0.04 (J)
9/12/2019	0.04 (J)	0.043 (J)	0.026 (J)	<0.1	0.041 (J)	0.044 (J)
3/19/2020	0.059 (J)	0.054 (J)	0.041 (J)	<0.1		0.049 (J)
3/20/2020					<0.1	
9/10/2020	0.044 (J)	0.034 (J)				
9/11/2020			<0.1	<0.1	0.034 (J)	0.035 (J)
4/2/2021	0.028 (J)	0.032 (J)	<0.1			
4/5/2021				0.039 (J)	0.038 (J)	0.031 (J)
8/12/2021	0.04 (J)	0.028 (J)	<0.1	0.11		0.052 (J)
8/13/2021					0.09 (J)	
2/14/2022	0.058 (J)		0.052 (J)	0.05 (J)	0.068 (J)	0.056 (J)
2/15/2022		0.088 (J)				
8/26/2022	0.092 (J)	0.028 (J)				
8/31/2022			0.033 (J)	0.033 (J)	0.056 (J)	0.053 (J)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/7/2016	0.041 (J)					
4/8/2016						<0.1
4/11/2016		0.033 (J)	0.027 (J)	0.027 (J)	<0.082	
6/14/2016	<0.082					
6/15/2016		<0.082	<0.1			
6/16/2016				<0.1	<0.082	<0.1
8/9/2016	<0.082					
8/10/2016		<0.082	<0.1	<0.1		
8/11/2016					<0.082	<0.1
10/11/2016	<0.082	<0.082	<0.1			
10/13/2016				<0.1	<0.082	<0.1
12/2/2016	<0.082		<0.1			
12/5/2016		<0.082		<0.1	<0.082	
12/6/2016						<0.1
2/9/2017	<0.082					
2/13/2017		<0.082	<0.1	<0.1	<0.082	<0.1
4/7/2017	<0.082		<0.1			
4/10/2017		<0.082		<0.1		
4/11/2017					<0.082	<0.1
6/22/2017	<0.082		<0.1			
6/23/2017		<0.082		<0.1		
6/24/2017					<0.082	<0.1
10/10/2017	<0.082	<0.082	<0.1			
10/11/2017				<0.1	<0.082	<0.1
3/22/2018	<0.082					
3/23/2018			<0.1			
3/26/2018		<0.082		<0.1	<0.082	<0.1
10/3/2018	<0.082					
10/4/2018		<0.082	<0.1	<0.1	<0.082	<0.1
3/27/2019	0.037 (J)			<0.1		
3/28/2019		0.033 (J)	0.042 (J)		0.039 (J)	<0.1
9/12/2019	0.042 (J)	0.042 (J)	0.028 (J)	0.028 (J)	0.042 (J)	<0.1
3/19/2020	0.044 (J)	0.042 (J)	0.039 (J)	0.037 (J)	0.053 (J)	<0.1
9/10/2020	0.036 (J)	0.04 (J)	<0.1			
9/11/2020				0.049 (J)	0.041 (J)	<0.1
4/5/2021				<0.1	0.05 (J)	
4/6/2021	0.03 (J)	0.031 (J)	<0.1			<0.1
8/12/2021	0.058 (J)					
8/13/2021		0.065 (J)	0.048 (J)	0.043 (J)		0.034 (J)
8/17/2021					0.094 (J)	
2/14/2022	0.07 (J)	0.074 (J)	0.057 (J)		0.055 (J)	0.041 (J)
2/15/2022				0.06 (J)		
8/30/2022	0.044 (J)					
8/31/2022		0.082 (J)	0.065 (J)	0.066 (J)	0.053 (J)	0.055 (J)

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			<0.001	<0.001	<0.001	
12/21/2010						<0.001
12/22/2010	<0.001	<0.001				
2/1/2011				<0.001	0.0027 (J)	
2/14/2011	0.0028 (J)	<0.001	0.0024 (J)			0.0029 (J)
3/21/2011			<0.001	<0.001		
3/22/2011	0.0021 (J)	<0.001				
3/23/2011					0.0041 (J)	0.0028 (J)
4/26/2011	0.003 (J)	0.0025 (J)	0.0027 (J)	0.0024 (J)		
4/27/2011					0.0054	0.0038 (J)
10/25/2011						0.0043 (J)
10/26/2011			0.0026 (J)		<0.001	
10/27/2011	0.0028 (J)	0.0033 (J)		0.0025 (J)		
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001
5/2/2012				<0.001		
11/8/2012	<0.001	<0.001	0.0023 (J)	0.003 (J)	0.0022 (J)	<0.001
5/7/2013	0.0044 (J)	0.0048 (J)		0.0029 (J)	0.0062	0.0064
5/8/2013			0.0026 (J)			
11/4/2013	<0.001	<0.001	<0.001	<0.001		
11/5/2013					<0.001	<0.001
5/23/2014					0.0026 (J)	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001		
11/7/2014			<0.001	<0.001	0.0022 (J)	0.0026 (J)
11/8/2014	<0.001	0.0021 (J)				
5/20/2015			0.005 (J)	0.0037 (J)		
5/21/2015	0.0032 (J)	0.002 (J)			0.0049 (J)	0.0038 (J)
11/12/2015					<0.001	0.0021 (J)
11/13/2015	<0.001	<0.001	0.0031 (J)	<0.001		
4/6/2016	<0.001					
4/7/2016			<0.001	<0.001		<0.001
4/8/2016		<0.001			<0.001	
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
6/17/2016						<0.001
8/9/2016		<0.001	<0.001	<0.001	<0.001	
8/10/2016	<0.001					<0.001
10/10/2016			<0.001	<0.001		
10/11/2016	<0.001	<0.001			<0.001	
10/14/2016						<0.001
12/2/2016	<0.001		<0.001	<0.001		
12/5/2016		<0.001			<0.001	
12/19/2016						<0.001
2/9/2017			<0.001			
2/10/2017	<0.001	<0.001		<0.001	<0.001	
2/13/2017						<0.001
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001					
6/22/2017			<0.001		<0.001	<0.001
6/23/2017	<0.001			<0.001		
6/26/2017		<0.001				
10/9/2017	<0.001	<0.001				
10/10/2017			<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		0.00096 (J)	

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
3/23/2018				<0.001		<0.001
3/26/2018	<0.001	<0.001 (D)				
10/3/2018	<0.001	<0.001	<0.001			<0.001
10/4/2018				<0.001		
10/5/2018					<0.001	
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00019 (J)	<0.001		0.0002 (J)
3/20/2020					<0.001	
9/10/2020	0.0022	<0.001				
9/11/2020			0.0016	<0.001	<0.001	<0.001
4/2/2021	<0.001	0.00018 (J)	<0.001			
4/5/2021				<0.001	<0.001	<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001
8/13/2021					<0.001	
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001
2/15/2022		0.00025 (J)				
8/26/2022	<0.001	<0.001				
8/31/2022			<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						<0.001
12/21/2010	<0.001				<0.001	
12/22/2010		<0.001	<0.001	<0.001		
2/14/2011	0.0032 (J)					<0.001
2/15/2011		0.0021 (J)	0.0028 (J)	0.0032 (J)	0.0034 (J)	
3/21/2011	0.0038 (J)				0.004 (J)	<0.001
3/22/2011		0.0027 (J)	0.0022 (J)	0.0024 (J)		
4/26/2011	0.0046 (J)					
4/27/2011		0.0024 (J)	0.0033 (J)	0.0033 (J)		<0.001
4/28/2011					0.0036 (J)	
10/26/2011	0.0024 (J)	0.0021 (J)	0.0028 (J)	0.0023 (J)	0.0038 (J)	<0.001
5/1/2012					<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001	<0.001		
11/8/2012	0.0021 (J)	<0.001	<0.001	<0.001		
11/9/2012					<0.001	<0.001
5/8/2013	0.006	0.0035 (J)	0.0043 (J)	0.0035 (J)	0.0059	<0.001
11/4/2013		<0.001	<0.001	<0.001	0.0027 (J)	<0.001
11/5/2013	0.0023 (J)					
5/23/2014	<0.001					
5/24/2014		<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001	<0.001		<0.001	<0.001	<0.001
11/8/2014			<0.001			
5/20/2015						0.0026 (O)
5/21/2015	0.0062 (J)					
5/22/2015		0.0038 (J)	0.0042 (J)	0.0035 (J)	0.006 (J)	
11/12/2015	0.0035 (J)					
11/13/2015		<0.001	<0.001	<0.001	0.0024 (J)	<0.001
4/7/2016	<0.001					
4/8/2016						<0.001
4/11/2016		<0.001	<0.001	<0.001	<0.001	
6/14/2016	<0.001					
6/15/2016		<0.001	<0.001			
6/16/2016				<0.001	<0.001	<0.001
8/9/2016	<0.001					
8/10/2016		<0.001	<0.001	<0.001		
8/11/2016					<0.001	<0.001
10/11/2016	<0.001	<0.001	<0.001			
10/13/2016				<0.001	<0.001	<0.001
12/2/2016	<0.001		<0.001			
12/5/2016		<0.001		<0.001	<0.001	
12/6/2016						<0.001
2/9/2017	<0.001					
2/13/2017		<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017	<0.001		<0.001			
4/10/2017		<0.001		<0.001		
4/11/2017					<0.001	<0.001
6/22/2017	<0.001		<0.001			
6/23/2017		<0.001		<0.001		
6/24/2017					<0.001	<0.001
10/10/2017	<0.001	<0.001	<0.001			
10/11/2017				0.00041 (J)	<0.001	<0.001
3/22/2018	<0.001					

Time Series

Constituent: Lead, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
3/23/2018			<0.001			
3/26/2018		<0.001		<0.001	0.0034 (o)	<0.001
10/3/2018	<0.001					
10/4/2018		<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001			<0.001		
3/28/2019		<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001			
9/11/2020				0.0015	<0.001	<0.001
4/5/2021				<0.001	<0.001	
4/6/2021	<0.001	<0.001	<0.001			<0.001
8/12/2021	<0.001					
8/13/2021		<0.001	0.00054 (J)	0.00022 (J)		0.00017 (J)
8/17/2021					<0.001	
2/14/2022	<0.001	<0.001	0.00019 (J)		<0.001	<0.001
2/15/2022				<0.001		
8/30/2022	<0.001					
8/31/2022		<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			<0.0002	<0.0002	<0.0002	
12/21/2010						<0.0002
12/22/2010	<0.0002	<0.0002				
2/1/2011				<0.0002	<0.0002	
2/14/2011	<0.0002	<0.0002	<0.0002			<0.0002
3/21/2011			<0.0002	<0.0002		
3/22/2011	<0.0002	<0.0002				
3/23/2011					<0.0002	<0.0002
4/26/2011	<0.0002	<0.0002	<0.0002	<0.0002		
4/27/2011					<0.0002	<0.0002
10/25/2011						<0.0002
10/26/2011			<0.0002		<0.0002	
10/27/2011	<0.0002	<0.0002		<0.0002		
5/1/2012	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
5/2/2012				<0.0002		
11/8/2012	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/7/2013	<0.0002	<0.0002		0.00011 (J)	8.1E-05 (J)	8.4E-05 (J)
5/8/2013			<0.0002			
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002		
11/5/2013					<0.0002	<0.0002
5/23/2014					<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002		
11/7/2014			<0.0002	<0.0002	<0.0002	<0.0002
11/8/2014	<0.0002	<0.0002				
5/20/2015			<0.0002	<0.0002		
5/21/2015	<0.0002	<0.0002			<0.0002	<0.0002
11/12/2015					<0.0002	<0.0002
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002		
4/6/2016	<0.0002					
4/7/2016			<0.0002	<0.0002		<0.0002
4/8/2016		<0.0002			<0.0002	
6/14/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
6/17/2016						<0.0002
8/9/2016		<0.0002	<0.0002	<0.0002	<0.0002	
8/10/2016	<0.0002					<0.0002
10/10/2016			<0.0002	<0.0002		
10/11/2016	<0.0002	<0.0002			<0.0002	
10/14/2016						<0.0002
12/2/2016	<0.0002		<0.0002	<0.0002		
12/5/2016		<0.0002			<0.0002	
12/19/2016						<0.0002
2/9/2017			<0.0002			
2/10/2017	<0.0002	<0.0002		<0.0002	<0.0002	
2/13/2017						<0.0002
4/7/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/10/2017	<0.0002					
6/22/2017			<0.0002		<0.0002	<0.0002
6/23/2017	<0.0002			<0.0002		
6/26/2017		<0.0002				
10/9/2017	8.7E-05 (J)	8.7E-05 (J)				
10/10/2017			8.9E-05 (J)	8.8E-05 (J)	9.2E-05 (J)	9.2E-05 (J)
3/22/2018			<0.0002 (D)		<0.0002	

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
3/23/2018				<0.0002		<0.0002
3/26/2018	<0.0002 (X)	<0.0002 (XD)				
10/3/2018	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)			<0.0002 (X)
10/4/2018				<0.0002		
10/5/2018					<0.0002	
3/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
3/20/2020					<0.0002	
9/10/2020	<0.0002	<0.0002				
9/11/2020			<0.0002	<0.0002	<0.0002	<0.0002
4/2/2021	<0.0002	<0.0002	<0.0002			
4/5/2021				<0.0002	<0.0002	<0.0002
8/12/2021	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
8/13/2021					<0.0002	
2/14/2022	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
2/15/2022		<0.0002				
8/26/2022	<0.0002	<0.0002				
8/31/2022			<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						<0.0002
12/21/2010	<0.0002				<0.0002	
12/22/2010		<0.0002	<0.0002	<0.0002		
2/14/2011	<0.0002					<0.0002
2/15/2011		<0.0002	<0.0002	<0.0002	<0.0002	
3/21/2011	<0.0002				<0.0002	<0.0002
3/22/2011		<0.0002	<0.0002	<0.0002		
4/26/2011	<0.0002					
4/27/2011		<0.0002	<0.0002	<0.0002		<0.0002
4/28/2011					<0.0002	
10/26/2011	<0.0002	<0.0002	<0.0002	<0.0002	8.2E-05	<0.0002
5/1/2012					<0.0002	<0.0002
5/2/2012	<0.0002	<0.0002	<0.0002	<0.0002		
11/8/2012	<0.0002	<0.0002	<0.0002	<0.0002		
11/9/2012					<0.0002	<0.0002
5/8/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/4/2013		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/5/2013	<0.0002					
5/23/2014	<0.0002					
5/24/2014		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/7/2014	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
11/8/2014			<0.0002			
5/20/2015						<0.0002
5/21/2015	<0.0002					
5/22/2015		<0.0002	<0.0002	<0.0002	<0.0002	
11/12/2015	<0.0002					
11/13/2015		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/7/2016	<0.0002					
4/8/2016						<0.0002
4/11/2016		<0.0002	<0.0002	<0.0002	<0.0002	
6/14/2016	<0.0002					
6/15/2016		<0.0002	<0.0002			
6/16/2016				<0.0002	<0.0002	<0.0002
8/9/2016	<0.0002					
8/10/2016		<0.0002	<0.0002	<0.0002		
8/11/2016					<0.0002	<0.0002
10/11/2016	<0.0002	<0.0002	<0.0002			
10/13/2016				<0.0002	<0.0002	<0.0002
12/2/2016	<0.0002		<0.0002			
12/5/2016		<0.0002		<0.0002	<0.0002	
12/6/2016						<0.0002
2/9/2017	<0.0002					
2/13/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/7/2017	<0.0002		<0.0002			
4/10/2017		<0.0002		<0.0002		
4/11/2017					<0.0002	<0.0002
6/22/2017	<0.0002		<0.0002			
6/23/2017		<0.0002		<0.0002		
6/24/2017					<0.0002	<0.0002
10/10/2017	8.8E-05 (J)	9.1E-05 (J)	8.9E-05 (J)			
10/11/2017				<0.0002	<0.0002	<0.0002
3/22/2018	<0.0002					

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
3/23/2018			<0.0002 (X)			
3/26/2018		<0.0002		<0.0002	<0.0002	<0.0002 (X)
10/3/2018	<0.0002 (X)					
10/4/2018		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/27/2019	<0.0002			<0.0002		
3/28/2019		<0.0002	<0.0002		<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2020	<0.0002	<0.0002	<0.0002			
9/11/2020				<0.0002	<0.0002	<0.0002
4/5/2021				<0.0002	<0.0002	
4/6/2021	<0.0002	<0.0002	<0.0002			<0.0002
8/12/2021	<0.0002					
8/13/2021		<0.0002	<0.0002	<0.0002		<0.0002
8/17/2021					<0.0002	
2/14/2022	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
2/15/2022				<0.0002		
8/30/2022	<0.0002					
8/31/2022		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			<0.001	<0.001	<0.001	
12/21/2010						0.0052
12/22/2010	<0.001	0.003 (O)				
2/1/2011				<0.001	0.0072	
2/14/2011	<0.001	<0.001	<0.001			0.016
3/21/2011			<0.001	<0.001		
3/22/2011	<0.001	<0.001				
3/23/2011					<0.001	<0.001
4/26/2011	<0.001	<0.001	<0.001	<0.001		
4/27/2011					<0.001	<0.001
10/25/2011						<0.001
10/26/2011			<0.001		<0.001	
10/27/2011	<0.001	<0.001		<0.001		
5/1/2012	<0.001	<0.001	<0.001		<0.001	0.0035 (J)
5/2/2012				<0.001		
11/8/2012	<0.001	<0.001	<0.001	0.0035 (O)	0.0066	0.0046 (J)
5/7/2013	<0.001	<0.001		<0.001	0.022	0.0087
5/8/2013			<0.001			
11/4/2013	<0.001	<0.001	<0.001	<0.001		
11/5/2013					0.0093	0.0036 (J)
5/23/2014					0.0045 (J)	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001		
11/7/2014			<0.001	<0.001	0.0049 (J)	0.0064
11/8/2014	<0.001	<0.001				
5/20/2015			<0.001	<0.001		
5/21/2015	<0.001	<0.001			0.012	0.0045 (J)
11/12/2015					0.019	0.0036 (J)
11/13/2015	<0.001	<0.001	<0.001	<0.001		
4/6/2016	<0.001					
4/7/2016			<0.001	<0.001		<0.001
4/8/2016		<0.001			<0.001	
10/10/2016			<0.001	<0.001		
10/11/2016	<0.001	<0.001			<0.001	
10/14/2016						<0.001
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001					
10/9/2017	0.0024 (O)	<0.001				
10/10/2017			<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001	
3/23/2018				<0.001		<0.001
3/26/2018	<0.001	<0.001 (D)				
10/3/2018	<0.001	<0.001	<0.001			<0.001
10/4/2018				<0.001		
10/5/2018					<0.001	
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	0.00097 (J)	<0.001	0.00061 (J)	0.0004 (J)	<0.001	<0.001
3/19/2020	0.00037 (J)	<0.001	0.00074 (J)	<0.001		0.0004 (J)
3/20/2020					<0.001	
9/10/2020	0.00095 (J)	<0.001				
9/11/2020			0.001	<0.001	<0.001	<0.001
4/2/2021	0.00046 (J)	0.00049 (J)	0.00077 (J)			
4/5/2021				<0.001	<0.001	0.00034 (J)

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
8/12/2021	0.0011	0.00042 (J)	0.00092 (J)	<0.001		<0.001
8/13/2021					<0.001	
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001
2/15/2022		0.0014				
8/26/2022	0.0012	0.00065 (J)				
8/31/2022			0.00065 (J)	0.00056 (J)	<0.001	<0.001

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						0.006
12/21/2010	<0.001				<0.001	
12/22/2010		<0.0047	<0.0018	<0.0025		
2/14/2011	<0.001					0.0067
2/15/2011		<0.0047	<0.0018	<0.0025	<0.001	
3/21/2011	<0.001				<0.001	0.0066
3/22/2011		<0.0047	<0.0018	<0.0025		
4/26/2011	<0.001					
4/27/2011		<0.0047	<0.0018	<0.0025		0.0077
4/28/2011					<0.001	
10/26/2011	<0.001	<0.0047	<0.0018	<0.0025	<0.001	0.0063
5/1/2012					<0.001	0.0068
5/2/2012	<0.001	<0.0047	<0.0018	<0.0025		
11/8/2012	<0.001	<0.0047	<0.0018	<0.0025		
11/9/2012					<0.001	0.0067
5/8/2013	<0.001	<0.0047	<0.0018	<0.0025	<0.001	0.0066
11/4/2013		<0.0047	<0.0018	<0.0025	<0.001	0.0072
11/5/2013	<0.001					
5/23/2014	<0.001					
5/24/2014		<0.0047	<0.0018	<0.0025	<0.001	0.0053
11/7/2014	<0.001	<0.0047		<0.0025	<0.001	0.0052
11/8/2014			<0.0018			
5/20/2015						0.0067
5/21/2015	<0.001					
5/22/2015		0.0032 (J)	<0.0018	<0.0025	<0.001	
11/12/2015	<0.001					
11/13/2015		<0.0047	<0.0018	<0.0025	<0.001	0.0063
4/7/2016	<0.001					
4/8/2016						<0.0073
4/11/2016		0.00388 (J)	<0.0018	<0.0025	<0.001	
10/11/2016	<0.001	<0.0047	<0.0018			
10/13/2016				<0.0025	<0.001	<0.0073
4/7/2017	<0.001		<0.0018			
4/10/2017		0.0042		<0.0025		
4/11/2017					<0.001	0.0075
10/10/2017	<0.001	0.0037	<0.0018			
10/11/2017				0.0018 (J)	<0.001	0.0072
3/22/2018	<0.001					
3/23/2018			<0.0018			
3/26/2018		0.0037		0.0021 (J)	<0.001	0.0075
10/3/2018	<0.001					
10/4/2018		0.0037	<0.0018	0.0024 (J)	<0.001	0.0073
3/27/2019	<0.001			0.0024 (J)		
3/28/2019		0.0038	<0.0018		<0.001	0.0069
9/12/2019	0.00043 (J)	0.0035	0.0012	0.0019	<0.001	0.007
3/19/2020	<0.001	0.0039	0.0015	0.0021	<0.001	0.007
9/10/2020	0.00062 (J)	0.0035	0.0017			
9/11/2020				0.002	<0.001	0.0074
4/5/2021				0.002	<0.001	
4/6/2021	<0.001	0.0042	0.0019			0.0072
8/12/2021	0.0019					
8/13/2021		0.0037	0.0036	0.0034		0.0073

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
8/17/2021					<0.001	
2/14/2022	0.00088 (J)	0.0034	0.0026		<0.001	0.0071
2/15/2022				0.0024		
8/30/2022	0.00074 (J)					
8/31/2022		0.0033	0.0031	0.0025	<0.001	0.0069

Time Series

Constituent: pH (S.U.) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
11/7/2014			6.26	5.92	6.54	6.91
11/8/2014	5.89	5.92				
5/21/2015		5.97				
11/12/2015					6.43	6.81
11/13/2015	5.65	5.8	6.02	5.78		
4/6/2016	5.9 (D)					
4/7/2016			6.48	6.83	6.45 (D)	6.74
4/8/2016		6.12			6.45	
6/14/2016	5.75	5.84	6.05	5.82	6.4	
6/17/2016						6.78
8/1/2016				5.78		
8/9/2016		5.75	6.05		6.43	
8/10/2016	5.75					6.73
10/10/2016			6.02	5.78		
10/11/2016	5.8	5.84			6.34	
10/14/2016						6.7
12/2/2016	5.78		5.95	5.71		
12/5/2016		5.7			6.46	6.71
2/9/2017			6.24			
2/10/2017	5.83	6.17		5.79	6.33	
2/13/2017						6.56
4/7/2017		5.99	5.95	5.93	6.38	6.62
4/10/2017	5.74					
6/22/2017			6.02		6.45	6.76
6/23/2017				5.77		
6/26/2017	5.83	5.87				
10/9/2017	5.61	5.52				
10/10/2017			6	5.81	6.44	6.7
3/22/2018			6.2		6.46	
3/23/2018				5.89		6.92
3/26/2018	5.76	6.06				
10/3/2018	5.78	5.83	6.03			6.81
10/4/2018				5.86		
10/5/2018					6.47	
3/27/2019	5.97	6.04	6.31	5.95	6.52	6.86
9/12/2019	5.83	5.87		5.83	6.49	6.78
9/13/2019			5.96			
3/19/2020	5.81	6.14	6.46	5.93	6.39	6.73
3/20/2020					6.39	
9/10/2020	5.83	5.78				
9/11/2020			5.98	6.02	6.59	6.76
4/2/2021	6.06	6.03	5.92			
4/5/2021				5.92	6.59	6.78
6/1/2021				5.8	6.46	6.78
8/12/2021	5.88	5.91	5.92	5.71		6.86
8/13/2021					6.33	
2/14/2022	5.99		6.31	5.85	6.6	6.93
2/15/2022		6.4				
8/26/2022	5.73 (D)	5.86 (D)				
8/31/2022			6.03	5.8	6.53	6.91
10/25/2022			5.99	5.88	6.48	6.81
11/16/2022			6.02	5.88	6.51	6.83

Time Series

Constituent: pH (S.U.) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
11/7/2014	6.99			5.95	6.75	5.67
11/8/2014			5.94			
5/22/2015		5.8	5.79	5.84	6.65	
5/25/2015				8.36 (o)	7.63 (o)	7.725 (oD)
11/12/2015	7					
11/13/2015		5.87	5.92	5.82	6.77	5.52
4/7/2016	6.85					
4/8/2016						5.63
4/11/2016		5.84	5.82	5.88	6.64	
6/14/2016	6.83					
6/15/2016		5.82	5.85			
6/16/2016				5.85	6.6	5.56
8/9/2016	6.77					
8/10/2016		5.82	5.85	5.83		
8/11/2016					6.61	5.56
10/11/2016	6.83	5.78	5.76			
10/13/2016				5.84	6.64	5.61
12/2/2016	6.79		5.76			
12/5/2016		5.72		5.81	6.63	
12/6/2016						5.48
2/9/2017	6.65					
2/13/2017		5.81	5.8	5.76	6.59	5.57
4/7/2017	6.75		5.75			
4/10/2017		5.75		5.78		
4/11/2017					6.53	5.52
6/22/2017	6.85		5.83			
6/23/2017		5.78		5.82		
6/26/2017					6.6	5.56
10/10/2017	6.84	5.82	5.76			
10/11/2017				5.83	6.61	5.51
3/22/2018	7					
3/23/2018			5.98			
3/26/2018		5.91		5.98	6.77	5.78
10/3/2018	6.93					
10/4/2018		5.83	5.85	5.85	6.67	5.56
3/27/2019	6.91			5.94		
3/28/2019		5.95	5.71		6.71	5.67
9/12/2019	6.82	5.98		5.86	6.68	
9/13/2019			5.78			5.55
3/19/2020	6.87	5.97	5.78	5.9	6.64	5.65
9/10/2020	6.91	6.09	5.78			
9/11/2020				5.84	6.64	5.69
4/5/2021				5.99	6.68	
4/6/2021	6.87	6.3	5.76			5.67
6/2/2021				5.87	6.6	
8/12/2021	6.86					
8/13/2021		6.18	5.86	5.92		5.47
8/17/2021					6.63	
2/14/2022	7.1	6.29	5.9		6.79	5.65
2/15/2022				6.02		
8/30/2022	7.08					
8/31/2022		6.21	5.85	5.91	6.74	5.59

Time Series

Constituent: pH (S.U.) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
10/25/2022	6.96	6.21	5.89	5.94	6.65	5.64
11/16/2022	6.91	6.14	5.81	5.87	6.65	5.65

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			<0.005	<0.005	<0.005	
12/21/2010						<0.005
12/22/2010	<0.005	<0.005				
2/1/2011				<0.005	<0.005	
2/14/2011	<0.005	<0.005	<0.005			<0.005
3/21/2011			<0.005	<0.005		
3/22/2011	<0.005	<0.005				
3/23/2011					<0.005	<0.005
4/26/2011	<0.005	<0.005	<0.005	<0.005		
4/27/2011					<0.005	<0.005
10/25/2011						<0.005
10/26/2011			<0.005		<0.005	
10/27/2011	<0.005	<0.005		<0.005		
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005
5/2/2012				<0.005		
11/8/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	<0.005	0.0046
5/8/2013			0.0048			
11/4/2013	0.0061 (O)	0.0048	<0.005	<0.005		
11/5/2013					0.0064 (O)	0.0047
5/23/2014					<0.005	<0.005
5/24/2014	<0.005	<0.005	0.0042	<0.005		
11/7/2014			<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005				
5/20/2015			0.0093 (O)	<0.005		
5/21/2015	0.0072 (O)	0.0041			<0.005	0.0077 (O)
11/12/2015					<0.005	<0.005
11/13/2015	<0.005	<0.005	0.0061 (O)	<0.005		
4/6/2016	<0.005					
4/7/2016			<0.005	<0.005		<0.005
4/8/2016		<0.005			<0.005	
6/14/2016	<0.005	<0.005	<0.005	<0.005	<0.005	
6/17/2016						<0.005
8/9/2016		<0.005	<0.005	<0.005	<0.005	
8/10/2016	<0.005					<0.005
10/10/2016			<0.005	<0.005		
10/11/2016	<0.005	<0.005			<0.005	
10/14/2016						<0.005
12/2/2016	<0.005		<0.005	<0.005		
12/5/2016		<0.005			<0.005	
12/19/2016						<0.005
2/9/2017			<0.005			
2/10/2017	<0.005	0.0032		<0.005	<0.005	
2/13/2017						<0.005
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005
4/10/2017	<0.005					
6/22/2017			<0.005		0.0021	<0.005
6/23/2017	<0.005			<0.005		
6/26/2017		<0.005				
10/9/2017	<0.005	<0.005				
10/10/2017			0.00033 (J)	<0.005	<0.005	<0.005
3/22/2018			<0.005 (D)		<0.005	

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
3/23/2018				<0.005		<0.005
3/26/2018	<0.005	<0.005 (D)				
10/3/2018	<0.005	<0.005	<0.005			<0.005
10/4/2018				<0.005		
10/5/2018					<0.005	
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005		<0.005
3/20/2020					<0.005	
9/10/2020	<0.005	<0.005				
9/11/2020			<0.005	<0.005	<0.005	<0.005
4/2/2021	<0.005	<0.005	<0.005			
4/5/2021				<0.005	<0.005	<0.005
8/12/2021	<0.005	<0.005	<0.005	<0.005		<0.005
8/13/2021					<0.005	
2/14/2022	<0.005		<0.005	<0.005	<0.005	<0.005
2/15/2022		<0.005				
8/26/2022	<0.005	<0.005				
8/31/2022			<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						<0.005
12/21/2010	<0.005				<0.005	
12/22/2010		<0.005	<0.005	<0.005		
2/14/2011	<0.005					<0.005
2/15/2011		<0.005	<0.005	<0.005	<0.005	
3/21/2011	<0.005				<0.005	<0.005
3/22/2011		<0.005	<0.005	<0.005		
4/26/2011	<0.005					
4/27/2011		<0.005	<0.005	<0.005		<0.005
4/28/2011					<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/1/2012					<0.005	<0.005
5/2/2012	<0.005	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005	<0.005		
11/9/2012					<0.005	<0.005
5/8/2013	<0.005	<0.005	0.0042	<0.005	<0.005	<0.005
11/4/2013		<0.005	<0.005	<0.005	0.0049	<0.005
11/5/2013	<0.005					
5/23/2014	<0.005					
5/24/2014		0.0044	<0.005	<0.005	<0.005	<0.005
11/7/2014	<0.005	<0.005		<0.005	<0.005	<0.005
11/8/2014			<0.005			
5/20/2015						<0.005
5/21/2015	0.0041					
5/22/2015		<0.005	<0.005	<0.005	0.0067 (O)	
11/12/2015	<0.005					
11/13/2015		<0.005	<0.005	<0.005	<0.005	<0.005
4/7/2016	<0.005					
4/8/2016						<0.005
4/11/2016		<0.005	<0.005	<0.005	<0.005	
6/14/2016	<0.005					
6/15/2016		<0.005	<0.005			
6/16/2016				<0.005	<0.005	<0.005
8/9/2016	<0.005					
8/10/2016		<0.005	<0.005	<0.005		
8/11/2016					0.00036 (J)	<0.005
10/11/2016	<0.005	<0.005	<0.005			
10/13/2016				<0.005	0.00035 (J)	0.00046 (J)
12/2/2016	<0.005		<0.005			
12/5/2016		<0.005		<0.005	<0.005	
12/6/2016						<0.005
2/9/2017	<0.005					
2/13/2017		<0.005	<0.005	<0.005	<0.005	0.0025
4/7/2017	0.00092 (J)		0.0021			
4/10/2017		<0.005		<0.005		
4/11/2017					0.0027	0.00089 (J)
6/22/2017	<0.005		<0.005			
6/23/2017		<0.005		<0.005		
6/24/2017					<0.005	<0.005
10/10/2017	<0.005	<0.005	<0.005			
10/11/2017				<0.005	<0.005	<0.005
3/22/2018	<0.005					

Time Series

Constituent: Selenium, T Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
3/23/2018			<0.005			
3/26/2018		<0.005		<0.005	<0.005	<0.005
10/3/2018	<0.005					
10/4/2018		0.00032 (J)	<0.005	<0.005	0.0004 (J)	<0.005
3/27/2019	<0.005			<0.005		
3/28/2019		<0.005	<0.005		<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2020	<0.005	<0.005	<0.005			
9/11/2020				<0.005	<0.005	<0.005
4/5/2021				<0.005	<0.005	
4/6/2021	<0.005	<0.005	<0.005			<0.005
8/12/2021	<0.005					
8/13/2021		<0.005	<0.005	<0.005		<0.005
8/17/2021					<0.005	
2/14/2022	<0.005	<0.005	<0.005		<0.005	<0.005
2/15/2022				<0.005		
8/30/2022	<0.005					
8/31/2022		<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			<0.001	<0.001	<0.001	
12/21/2010						<0.001
12/22/2010	<0.001	<0.001				
2/1/2011				<0.001	<0.001	
2/14/2011	<0.001	<0.001	<0.001			<0.001
3/21/2011			<0.001	<0.001		
3/22/2011	<0.001	<0.001				
3/23/2011					<0.001	<0.001
4/26/2011	<0.001	<0.001	<0.001	<0.001		
4/27/2011					<0.001	<0.001
10/25/2011						<0.001
10/26/2011			<0.001		<0.001	
10/27/2011	<0.001	<0.001		<0.001		
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001
5/2/2012				<0.001		
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001
5/8/2013			<0.001			
11/4/2013	<0.001	<0.001	<0.001	<0.001		
11/5/2013					<0.001	<0.001
5/23/2014					<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001		
11/7/2014			<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001				
5/20/2015			<0.001	<0.001		
5/21/2015	<0.001	<0.001			<0.001	<0.001
11/12/2015					<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001		
4/6/2016	<0.001					
4/7/2016			<0.001	<0.001		<0.001
4/8/2016		<0.001			<0.001	
10/10/2016			<0.001	<0.001		
10/11/2016	<0.001	<0.001			<0.001	
10/14/2016						<0.001
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001					
10/9/2017	<0.001	<0.001				
10/10/2017			<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001	
3/23/2018				<0.001		<0.001
3/26/2018	<0.001	<0.001 (D)				
10/3/2018	<0.001	<0.001	<0.001			<0.001
10/4/2018				<0.001		
10/5/2018					<0.001	
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001
3/20/2020					<0.001	
9/10/2020	<0.001	<0.001				
9/11/2020			<0.001	<0.001	<0.001	<0.001
4/2/2021	<0.001	<0.001	<0.001			
4/5/2021				<0.001	<0.001	<0.001

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001
8/13/2021					<0.001	
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001				
8/26/2022	<0.001	<0.001				
8/31/2022			<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						<0.001
12/21/2010	<0.001				<0.001	
12/22/2010		<0.001	<0.001	<0.001		
2/14/2011	<0.001					<0.001
2/15/2011		<0.001	<0.001	<0.001	<0.001	
3/21/2011	<0.001				<0.001	<0.001
3/22/2011		<0.001	<0.001	<0.001		
4/26/2011	<0.001					
4/27/2011		<0.001	<0.001	<0.001		<0.001
4/28/2011					<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012					<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001	<0.001		
11/9/2012					<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013		<0.001	<0.001	<0.001	<0.001	<0.001
11/5/2013	<0.001					
5/23/2014	<0.001					
5/24/2014		<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001	<0.001		<0.001	<0.001	<0.001
11/8/2014			<0.001			
5/20/2015						<0.001
5/21/2015	<0.001					
5/22/2015		<0.001	<0.001	<0.001	<0.001	
11/12/2015	<0.001					
11/13/2015		<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2016	<0.001					
4/8/2016						<0.001
4/11/2016		<0.001	<0.001	<0.001	<0.001	
10/11/2016	<0.001	<0.001	<0.001			
10/13/2016				<0.001	<0.001	<0.001
4/7/2017	<0.001		<0.001			
4/10/2017		<0.001		<0.001		
4/11/2017					<0.001	<0.001
10/10/2017	<0.001	<0.001	<0.001			
10/11/2017				<0.001	<0.001	<0.001
3/22/2018	<0.001					
3/23/2018			<0.001			
3/26/2018		<0.001		<0.001	<0.001	<0.001
10/3/2018	<0.001					
10/4/2018		<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001			<0.001		
3/28/2019		<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001			
9/11/2020				<0.001	<0.001	<0.001
4/5/2021				<0.001	<0.001	
4/6/2021	<0.001	<0.001	<0.001			<0.001
8/12/2021	<0.001					
8/13/2021		<0.001	<0.001	<0.001		<0.001

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
8/17/2021					<0.001	
2/14/2022	<0.001	<0.001	<0.001		<0.001	<0.001
2/15/2022				<0.001		
8/30/2022	<0.001					
8/31/2022		<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
4/6/2016	0.813 (J)					
4/7/2016			107.095	0.594 (J)		1.522
4/8/2016		<1			<1	
6/14/2016	<1.1	<1	160	<1	<1	
6/17/2016						1.1
8/9/2016		<1	130	<1	<1	
8/10/2016	0.9 (J)					1.1
10/10/2016			140	<1		
10/11/2016	0.99 (J)	<1			<1	
10/14/2016						0.89 (J)
12/2/2016	0.99 (J)		150	<1		
12/5/2016		<1			<1	
12/19/2016						1.2
2/9/2017			150			
2/10/2017	1.4	<1		<1	<1	
2/13/2017						1.4
4/7/2017		<1	140	<1	<1	1.2
4/10/2017	1.6					
6/22/2017			160		<1	1.1
6/23/2017	1.8			<1		
6/26/2017		<1				
10/9/2017	2.5	<1				
10/10/2017			160	<1	<1	0.92 (J)
3/22/2018			150 (D)		<1	
3/23/2018				<1		1.3
3/26/2018	2.3	<1 (D)				
10/3/2018	1.9	<1	140			1.2
10/4/2018				<1		
10/5/2018					<1	
3/27/2019	0.81 (J)	<1	140	0.52 (J)	<1	1.6
9/12/2019	1.3	0.38 (J)	170	0.61 (J)	0.4 (J)	1.2
3/19/2020	0.92 (J)	<1	150	0.39 (J)		1.5
3/20/2020					0.58 (J)	
9/10/2020	1.3	<1				
9/11/2020			170	0.99 (J)	0.39 (J)	1.3
4/2/2021	0.99 (J)	<1	180			
4/5/2021				<1	<1	1.3
8/12/2021	1.8	<1	180	1		1
8/13/2021					<1	
2/14/2022	1		130	<1	<1	1.2
2/15/2022		0.87 (J)				
8/26/2022	2.7	<1				
8/31/2022			170	1.1	1.1	1.6

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/7/2016	0.507 (J)					
4/8/2016						135.355
4/11/2016		2.15	<1	0.415 (J)	<1	
6/14/2016	<1					
6/15/2016		<2.5	<1			
6/16/2016				<0.7	10	140
8/9/2016	<1					
8/10/2016		2.5	<1	<0.7		
8/11/2016					9.8	130
10/11/2016	<1	2.7	<1			
10/13/2016				<0.7	11	140
12/2/2016	<1		<1			
12/5/2016		2.6		<0.7	13	
12/6/2016						150
2/9/2017	<1					
2/13/2017		2.4	<1	<0.7	14	160
4/7/2017	<1		<1			
4/10/2017		2.3		<0.7		
4/11/2017					12	130
6/22/2017	<1		<1			
6/23/2017		2.5		<0.7		
6/24/2017					12	160
10/10/2017	<1	2.5	<1			
10/11/2017				<0.7	13	160
3/22/2018	<1					
3/23/2018			<1			
3/26/2018		2.4		<0.7	20	160
10/3/2018	<1					
10/4/2018		2.8	<1	<0.7	23	170
3/27/2019	0.56 (J)			2.7		
3/28/2019		3.2	0.38 (J)		29	170
9/12/2019	0.77 (J)	3.2	<1	0.65 (J)	34	170
3/19/2020	0.56 (J)	3.2	<1	0.71 (J)	40	170
9/10/2020	0.42 (J)	2.7	<1			
9/11/2020				2.6	39	160
4/5/2021				1.7	57	
4/6/2021	<1	2.5	<1			160
8/12/2021	<1					
8/13/2021		2.7	<1	1.4		170
8/17/2021					54	
2/14/2022	0.85 (J)	2.9	<1		56	150
2/15/2022				1.8		
8/30/2022	0.76 (J)					
8/31/2022		2.8	0.88 (J)	2.4	65	170

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			0.00026 (J)	<0.001	<0.001	
12/21/2010						<0.001
12/22/2010	<0.001	<0.001				
2/1/2011				<0.001	<0.001	
2/14/2011	<0.001	<0.001	<0.001			<0.001
3/21/2011			<0.001	<0.001		
3/22/2011	<0.001	<0.001				
3/23/2011					<0.001	<0.001
4/26/2011	<0.001	<0.001	<0.001	<0.001		
4/27/2011					<0.001	<0.001
10/25/2011						<0.001
10/26/2011			<0.001		<0.001	
10/27/2011	<0.001	<0.001		<0.001		
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001
5/2/2012				<0.001		
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001
5/8/2013			<0.001			
11/4/2013	0.00025 (J)	<0.001	<0.001	<0.001		
11/5/2013					<0.001	<0.001
5/23/2014					<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001		
11/7/2014			0.00032	<0.001	<0.001	<0.001
11/8/2014	0.00048	0.00086				
5/20/2015			<0.001	<0.001		
5/21/2015	<0.001	<0.001			<0.001	<0.001
11/12/2015					<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001		
4/6/2016	<0.001					
4/7/2016			<0.001	<0.001		<0.001
4/8/2016		<0.001			<0.001	
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
6/17/2016						<0.001
8/9/2016		<0.001	<0.001	<0.001	<0.001	
8/10/2016	<0.001					<0.001
10/10/2016			<0.001	<0.001		
10/11/2016	<0.001	<0.001			<0.001	
10/14/2016						<0.001
12/2/2016	<0.001		<0.001	<0.001		
12/5/2016		<0.001			<0.001	
12/19/2016						<0.001
2/9/2017			<0.001			
2/10/2017	<0.001	<0.001		<0.001	<0.001	
2/13/2017						<0.001
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001					
6/22/2017			<0.001		<0.001	<0.001
6/23/2017	<0.001			<0.001		
6/26/2017		<0.001				
10/9/2017	<0.001	<0.001				
10/10/2017			<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
3/23/2018				<0.001		<0.001
3/26/2018	<0.001	<0.001 (D)				
10/3/2018	<0.001	<0.001	<0.001			<0.001
10/4/2018				<0.001		
10/5/2018					<0.001	
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00036 (J)	<0.001		0.00018 (J)
3/20/2020					<0.001	
9/10/2020	<0.001	<0.001				
9/11/2020			<0.001	<0.001	<0.001	<0.001
4/2/2021	0.00016 (J)	0.00036 (J)	<0.001			
4/5/2021				<0.001	<0.001	0.00043 (J)
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001
8/13/2021					<0.001	
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001				
8/26/2022	<0.001	<0.001				
8/31/2022			<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						<0.001
12/21/2010	<0.001				<0.001	
12/22/2010		<0.001	<0.001	<0.001		
2/14/2011	<0.001					<0.001
2/15/2011		<0.001	<0.001	<0.001	<0.001	
3/21/2011	<0.001				<0.001	<0.001
3/22/2011		<0.001	<0.001	<0.001		
4/26/2011	<0.001					
4/27/2011		<0.001	<0.001	<0.001		<0.001
4/28/2011					<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012					<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001	<0.001		
11/9/2012					<0.001	<0.001
5/8/2013	<0.001	<0.001	0.00028	<0.001	<0.001	<0.001
11/4/2013		<0.001	<0.001	<0.001	<0.001	<0.001
11/5/2013	<0.001					
5/23/2014	<0.001					
5/24/2014		<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001	<0.001		<0.001	<0.001	<0.001
11/8/2014			<0.001			
5/20/2015						<0.001
5/21/2015	<0.001					
5/22/2015		<0.001	<0.001	<0.001	<0.001	
11/12/2015	<0.001					
11/13/2015		<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2016	<0.001					
4/8/2016						<0.001
4/11/2016		<0.001	<0.001	<0.001	<0.001	
6/14/2016	<0.001					
6/15/2016		<0.001	<0.001			
6/16/2016				<0.001	<0.001	<0.001
8/9/2016	<0.001					
8/10/2016		<0.001	<0.001	<0.001		
8/11/2016					<0.001	<0.001
10/11/2016	<0.001	<0.001	<0.001			
10/13/2016				<0.001	<0.001	<0.001
12/2/2016	<0.001		<0.001			
12/5/2016		<0.001		<0.001	<0.001	
12/6/2016						<0.001
2/9/2017	<0.001					
2/13/2017		<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017	<0.001		<0.001			
4/10/2017		<0.001		<0.001		
4/11/2017					<0.001	<0.001
6/22/2017	<0.001		<0.001			
6/23/2017		<0.001		<0.001		
6/24/2017					<0.001	<0.001
10/10/2017	<0.001	<0.001	<0.001			
10/11/2017				<0.001	<0.001	<0.001
3/22/2018	<0.001					

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
3/23/2018			<0.001			
3/26/2018		<0.001		<0.001	<0.001	<0.001
10/3/2018	<0.001					
10/4/2018		<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001			<0.001		
3/28/2019		<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001			
9/11/2020				<0.001	<0.001	<0.001
4/5/2021				0.00022 (J)	<0.001	
4/6/2021	<0.001	<0.001	<0.001			<0.001
8/12/2021	<0.001					
8/13/2021		<0.001	<0.001	<0.001		<0.001
8/17/2021					<0.001	
2/14/2022	<0.001	<0.001	<0.001		<0.001	<0.001
2/15/2022				<0.001		
8/30/2022	<0.001					
8/31/2022		<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
4/6/2016	51					
4/7/2016			237	69		100
4/8/2016		74			89	
6/14/2016	62	111	240	<25	55	
6/17/2016						69
8/9/2016		44	230	40	90	
8/10/2016	70					110
10/10/2016			240	34		
10/11/2016	84	64			86	
10/14/2016						100
12/2/2016	74		270	50		
12/5/2016		52			74	
12/19/2016						100
2/9/2017			240			
2/10/2017	100	86		60	100	
2/13/2017						80
4/7/2017		68	260	70	92	86
4/10/2017	82					
6/22/2017			300		64	72
6/23/2017	72			42		
6/26/2017		76				
10/9/2017	82	50				
10/10/2017			280	34	68	70
3/22/2018			310		92	
3/23/2018				52		86
3/26/2018	94	56				
10/3/2018	72	42	190			88
10/4/2018				48		
10/5/2018					90	
3/27/2019	98	76	290	66	94	100
9/12/2019	130	72	340	97	88	110
3/19/2020	100	65	310	51		97
3/20/2020					99	
9/10/2020	110	56				
9/11/2020			340	51	110	120
4/2/2021	100	69	360			
4/5/2021				46	63	99
8/12/2021	98	68	330	55		100
8/13/2021					110	
2/14/2022	100		290	68	94	100
2/15/2022		85				
8/26/2022	110	83				
11/16/2022			300	55	94	100

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/7/2016	114					
4/8/2016						237
4/11/2016		88	79	88	103	
6/14/2016	56 (O)					
6/15/2016		114	79			
6/16/2016				74	117	231
8/9/2016	100					
8/10/2016		82	72	66		
8/11/2016					94	190
10/11/2016	110	92	76			
10/13/2016				72	110	230
12/2/2016	94		60			
12/5/2016		86		70	130	
12/6/2016						260
2/9/2017	100					
2/13/2017		62	58	12 (O)	92	230
4/7/2017	100		68			
4/10/2017		60		80		
4/11/2017					120	210
6/22/2017	110		16			
6/23/2017		74		66		
6/24/2017					120	250
10/10/2017	100	86	44			
10/11/2017				56	120	280
3/22/2018	100					
3/23/2018			96			
3/26/2018		58 (J)		72	98	240
10/3/2018	96					
10/4/2018		130	110	96	190	320
3/27/2019	120			76		
3/28/2019		88	65		140	280
9/12/2019	120	110	89	110	160	300
3/19/2020	110	110	64	66	160	270
9/10/2020	130	120	82			
9/11/2020				87	170	290
4/5/2021				66	170	
4/6/2021	110	110	49			250
8/12/2021	120					
8/13/2021		120	72	92		290
8/17/2021					180	
2/14/2022	110	120	79		150	280
2/15/2022				67		
11/16/2022	110	110	76	89	180	270

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			<0.0014	0.0024 (J)	0.0051 (J)	
12/21/2010						0.0091 (J)
12/22/2010	<0.0025	<0.0025				
2/1/2011				0.0021 (J)	0.012	
2/14/2011	<0.0025	<0.0025	<0.0014			0.013
3/21/2011			<0.0014	0.0025 (J)		
3/22/2011	0.0028 (J)	0.0032 (J)				
3/23/2011					0.015	<0.01
4/26/2011	0.0025 (J)	<0.0025	0.0022 (J)	0.0033 (J)		
4/27/2011					0.022	0.0078 (J)
10/25/2011						0.012 (O)
10/26/2011			<0.0014		0.0043 (J)	
10/27/2011	<0.0025	<0.0025		<0.0034		
5/1/2012	<0.0025	0.0037 (J)	0.0036 (J)		0.0069 (J)	0.019
5/2/2012				0.0051 (J)		
11/8/2012	<0.0025	<0.0025	0.0062 (O)	0.02 (O)	0.013	0.015
5/7/2013	<0.0025	0.0041 (J)		0.0036 (J)	0.017	0.017
5/8/2013			<0.0014			
11/4/2013	<0.0025	<0.0025	<0.0014	0.0043 (J)		
11/5/2013					0.013	0.015
5/23/2014					0.041	0.017
5/24/2014	<0.0025	<0.0025	<0.0014	0.0033 (J)		
11/7/2014			<0.0014	<0.0034	0.0069 (J)	0.013
11/8/2014	<0.0025	<0.0025				
5/20/2015			<0.0014	0.0062 (J)		
5/21/2015	<0.0025	0.0052 (J)			0.016	0.016
11/12/2015					0.013	0.018
11/13/2015	<0.0025	<0.0025	<0.0014	0.0046 (J)		
4/6/2016	0.00201 (J)					
4/7/2016			<0.0014	0.00293 (J)		0.016
4/8/2016		<0.0025 (D)			<0.0053 (D)	
10/10/2016			<0.0014	0.0031		
10/11/2016	<0.0025	<0.0025			0.011	
10/14/2016						0.018
4/7/2017		0.0033	<0.0014	0.0041	0.0073	0.017
4/10/2017	0.002 (J)					
10/9/2017	<0.0025	<0.0025				
10/10/2017			0.0014 (J)	<0.0034	0.0032	0.015
3/22/2018			<0.0014 (D)		0.0068	
3/23/2018				0.0032		0.016
3/26/2018	0.0014 (J)	0.0029				
10/3/2018	0.0023 (J)	0.0022 (J)	<0.0014			0.017
10/4/2018				<0.0034 (X)		
10/5/2018					<0.0053 (X)	
3/27/2019	0.0072 (O)	0.0071 (O)	0.0023 (J)	0.0072	0.012	0.022
9/12/2019	0.0031	0.0025	0.0017	0.0033	0.0075	0.019
3/19/2020	0.003	0.0052	0.0031	0.0033		0.019
3/20/2020					0.0086	
9/10/2020	0.0027	0.0025				
9/11/2020			0.0015	0.0026	0.007	0.017
4/2/2021	0.0029	0.0045	0.0014			
4/5/2021				0.003	0.0085	0.019

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
8/12/2021	0.004	0.0028	0.0017	0.0031		0.019
8/13/2021					0.0078	
2/14/2022	0.0033		0.0028	0.0032	0.0076	0.019
2/15/2022		0.0083				
8/26/2022	0.0028	0.002				
8/31/2022			0.0011	0.0027	0.0073	0.018

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						<0.001
12/21/2010	0.016				<0.01	
12/22/2010		0.0037 (J)	<0.0037	0.0027 (J)		
2/14/2011	0.016					<0.001
2/15/2011		0.0043 (J)	<0.0037	0.0036 (J)	0.0098 (J)	
3/21/2011	0.018				0.012	<0.001
3/22/2011		0.0039 (J)	0.0034 (J)	<0.0066		
4/26/2011	0.018					
4/27/2011		0.0035 (J)	0.0032 (J)	0.0046 (J)		<0.001
4/28/2011					0.011	
10/26/2011	0.018	0.0047 (J)	<0.0037	<0.0066	0.012	<0.001
5/1/2012					0.011	0.0032 (J)
5/2/2012	0.021	0.0064 (J)	0.0039 (J)	0.0055 (J)		
11/8/2012	0.019	0.0051 (J)	0.0034 (J)	0.0042 (J)		
11/9/2012					0.011	<0.001
5/8/2013	0.02	0.0046 (J)	<0.0037	0.0046 (J)	<0.01	<0.001
11/4/2013		0.0039 (J)	0.0035 (J)	0.0042 (J)	0.011	<0.001
11/5/2013	0.018					
5/23/2014	0.018					
5/24/2014		0.0053 (J)	0.0036 (J)	0.0061 (J)	0.012	<0.001
11/7/2014	0.018	0.0034 (J)		0.0032 (J)	0.01	<0.001
11/8/2014			<0.0037			
5/20/2015						0.0065
5/21/2015	0.02					
5/22/2015		0.0068 (J)	0.0044 (J)	0.0056 (J)	0.013	
11/12/2015	0.016					
11/13/2015		0.0044 (J)	<0.0037	<0.0066	0.014	<0.001
4/7/2016	0.0182					
4/8/2016						0.0136 (O)
4/11/2016		0.00381 (J)	0.00254 (J)	0.00415 (J)	0.0107	
10/11/2016	0.023	<0.0053	<0.0037			
10/13/2016				<0.0066	0.011	<0.001
4/7/2017	0.02		0.0024 (J)			
4/10/2017		0.0038		0.0043		
4/11/2017					0.011	<0.001
10/10/2017	0.016	0.0053	<0.0037			
10/11/2017				0.0052	0.012	0.0019 (J)
3/22/2018	0.018					
3/23/2018			0.0023 (J)			
3/26/2018		0.0037		0.004	0.0096	<0.001
10/3/2018	0.018					
10/4/2018		<0.0053 (X)	<0.0037 (X)	<0.0066 (X)	0.013	<0.001 (X)
3/27/2019	0.021			0.0087		
3/28/2019		0.0079	0.0053		0.01	0.0041
9/12/2019	0.02	0.0054	0.0028	0.0047	0.011	<0.001
3/19/2020	0.02	0.0044	0.0027	0.0046	0.01	<0.001
9/10/2020	0.018	0.0049	0.0026			
9/11/2020				0.0042	0.0099	<0.001
4/5/2021				0.0059	0.011	
4/6/2021	0.021	0.0045	0.0026			<0.001
8/12/2021	0.02					
8/13/2021		0.0061	0.0093	0.0072		0.0016

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
8/17/2021					0.011	
2/14/2022	0.02	0.0047	0.0042		0.011	0.0014
2/15/2022				0.0049		
8/30/2022	0.019					
8/31/2022		0.0055	0.0031	0.0038	0.01	0.00095 (J)

Time Series

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
12/20/2010			<0.0065	<0.005	<0.005	
12/21/2010						<0.005
12/22/2010	<0.005	<0.005				
2/1/2011				<0.005	<0.005	
2/14/2011	<0.005	<0.005	<0.0065			<0.005
3/21/2011			<0.0065	<0.005		
3/22/2011	<0.005	<0.005				
3/23/2011					<0.005	<0.005
4/26/2011	<0.005	<0.005	<0.0065	<0.005		
4/27/2011					<0.005	<0.005
10/25/2011						<0.005
10/26/2011			<0.0065		<0.005	
10/27/2011	<0.005	<0.005		<0.005		
5/1/2012	<0.005	<0.005	<0.0065		<0.005	<0.005
5/2/2012				<0.005		
11/8/2012	<0.005	<0.005	<0.0065	0.013 (O)	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	0.0087	<0.005
5/8/2013			<0.0065			
11/4/2013	<0.005	<0.005	<0.0065	<0.005		
11/5/2013					<0.005	<0.005
5/23/2014					0.014 (O)	<0.005
5/24/2014	<0.005	<0.005	<0.0065	<0.005		
11/7/2014			<0.0065	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005				
5/20/2015			<0.0065	<0.005		
5/21/2015	<0.005	<0.005			<0.005	<0.005
11/12/2015					<0.005	<0.005
11/13/2015	<0.005	0.039 (O)	<0.0065	<0.005		
4/6/2016	<0.005					
4/7/2016			0.00345 (J)	0.00265 (J)		0.00287 (J)
10/10/2016			<0.0065	<0.005		
10/11/2016	<0.005	<0.005			<0.005	
10/14/2016						<0.005
4/7/2017		<0.005	<0.0065	<0.005	<0.005	<0.005
4/10/2017	<0.005					
10/9/2017	<0.005	<0.005				
10/10/2017			<0.0065	0.0096 (J)	<0.005	<0.005
3/22/2018			<0.0065 (D)		<0.005	
3/23/2018				<0.005		<0.005
3/26/2018	<0.005	<0.005 (D)				
10/3/2018	<0.005	<0.005	<0.0065			<0.005
10/4/2018				<0.005		
10/5/2018					<0.005	
3/27/2019	<0.005	<0.005	<0.0065	<0.005	<0.005	<0.005
9/12/2019	0.0046 (J)	0.0085	0.0095	0.0091	0.0049 (J)	0.0048 (J)
3/19/2020	<0.005	<0.005	0.0037 (J)	0.0035 (J)		<0.005
3/20/2020					<0.005	
9/10/2020	0.0048 (J)	<0.005				
9/11/2020			0.0098	0.0038 (J)	<0.005	<0.005
4/2/2021	<0.005	<0.005	0.0058			
4/5/2021				0.0049 (J)	<0.005	<0.005
8/12/2021	<0.005	<0.005	0.006	<0.005		<0.005

Time Series

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)
8/13/2021					<0.005	
2/14/2022	<0.005		0.003 (J)	<0.005	<0.005	<0.005
2/15/2022		0.003 (J)				
8/26/2022	<0.005	<0.005				
8/31/2022			0.0051	0.0032 (J)	<0.005	0.0039 (J)

Time Series

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010						0.0095 (J)
12/21/2010	<0.005				<0.005	
12/22/2010		<0.005	<0.005	<0.005		
2/14/2011	<0.005					0.0092 (J)
2/15/2011		<0.005	<0.005	<0.005	<0.005	
3/21/2011	<0.005				<0.005	0.011 (J)
3/22/2011		<0.005	<0.005	<0.005		
4/26/2011	<0.005					
4/27/2011		<0.005	<0.005	<0.005		0.0096 (J)
4/28/2011					<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	<0.005	0.011 (J)
5/1/2012					<0.005	0.012 (J)
5/2/2012	<0.005	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005	<0.005		
11/9/2012					<0.005	0.014 (J)
5/8/2013	<0.005	<0.005	<0.005	<0.005	<0.005	0.016 (J)
11/4/2013		<0.005	<0.005	<0.005	<0.005	0.014 (J)
11/5/2013	<0.005					
5/23/2014	<0.005					
5/24/2014		<0.005	<0.005	<0.005	<0.005	0.013 (J)
11/7/2014	<0.005	<0.005		<0.005	<0.005	0.014 (J)
11/8/2014			<0.005			
5/20/2015						0.015 (J)
5/21/2015	<0.005					
5/22/2015		<0.005	<0.005	<0.005	<0.005	
11/12/2015	<0.005					
11/13/2015		<0.005	<0.005	<0.005	<0.005	0.015 (J)
4/7/2016	0.00208 (J)					
4/11/2016		<0.005	<0.005	0.00333 (J)	<0.005	
10/11/2016	<0.005	<0.005	<0.005			
10/13/2016				<0.005	<0.005	0.015 (J)
4/7/2017	<0.005		<0.005			
4/10/2017		<0.005		<0.005		
4/11/2017					0.0065 (J)	0.015 (J)
10/10/2017	<0.005	<0.005	<0.005			
10/11/2017				<0.005	<0.005	0.019 (J)
3/22/2018	<0.005					
3/23/2018			<0.005			
3/26/2018		<0.005		<0.005	<0.005	0.016 (J)
10/3/2018	<0.005					
10/4/2018		<0.005	0.0076	<0.005	<0.005	0.017 (J)
3/27/2019	<0.005			<0.005		
3/28/2019		<0.005	<0.005		<0.005	0.013 (J)
9/12/2019	0.0041 (J)	0.0058	0.0057	0.0042 (J)	0.0073	0.02
3/19/2020	<0.005	<0.005	0.0037 (J)	<0.005	<0.005	0.014
9/10/2020	<0.005	<0.005	<0.005			
9/11/2020				<0.005	<0.005	0.014
4/5/2021				<0.005	<0.005	
4/6/2021	<0.005	<0.005	<0.005			0.014
8/12/2021	<0.005					
8/13/2021		<0.005	0.0053	<0.005		0.017
8/17/2021					<0.005	

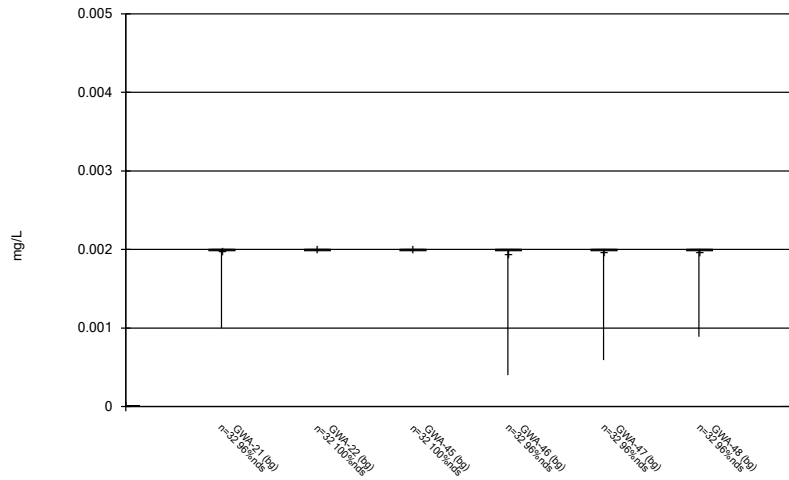
Time Series

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 8:59 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49 (bg)	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/14/2022	<0.005	<0.005	<0.005		<0.005	0.014
2/15/2022				<0.005		
8/30/2022	<0.005					
8/31/2022		<0.005	<0.005	<0.005	<0.005	0.015

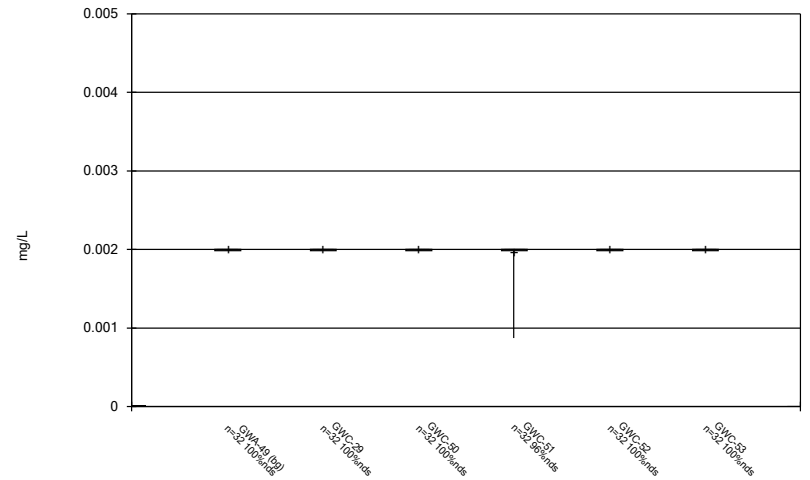
FIGURE B.

Box & Whiskers Plot



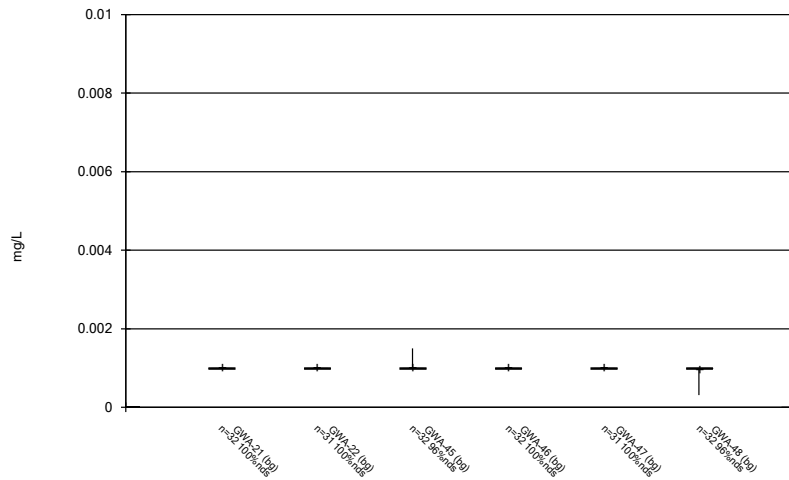
Constituent: Antimony, Total Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



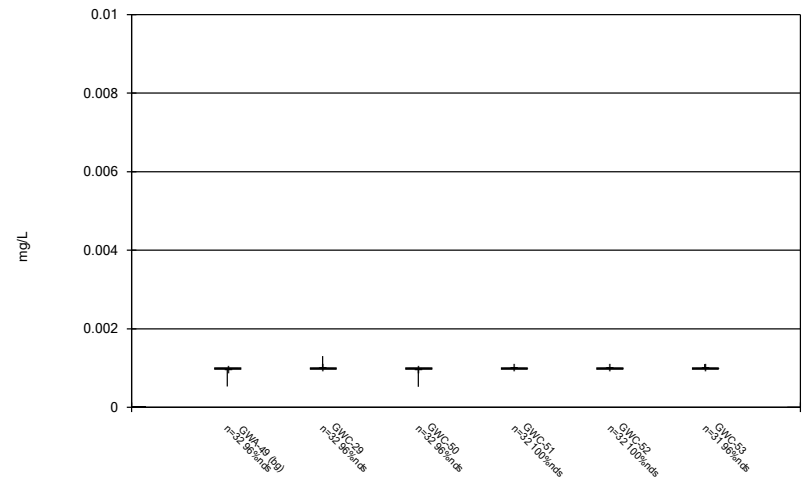
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



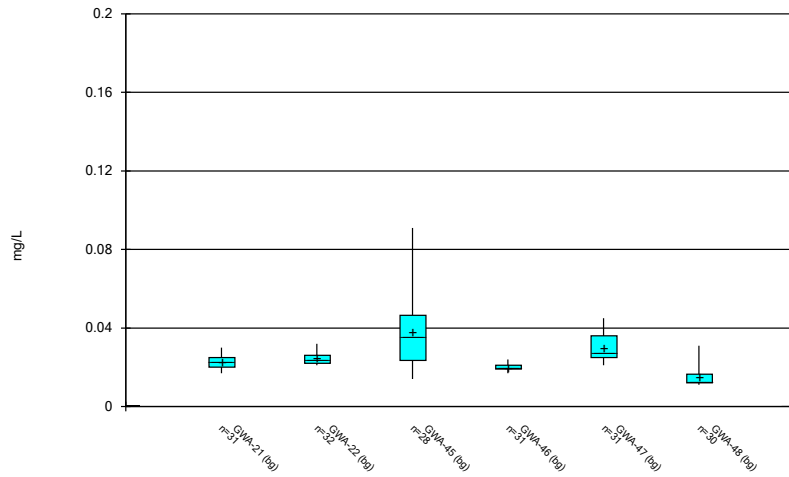
Constituent: Arsenic, Total Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



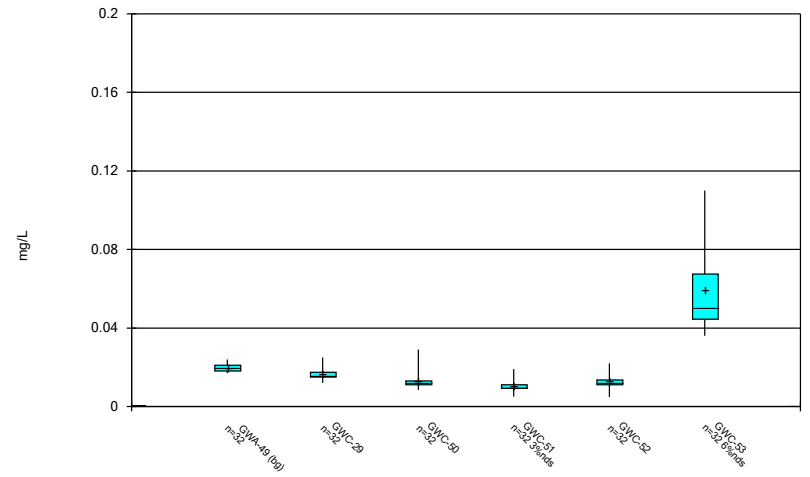
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



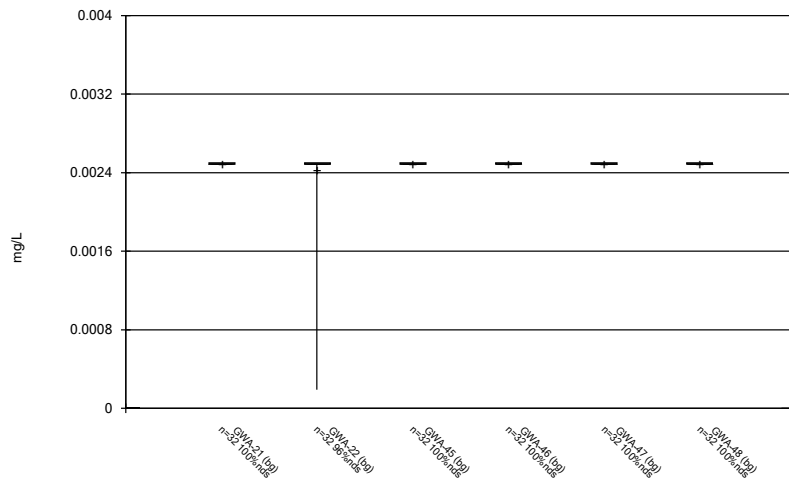
Constituent: Barium, Total Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



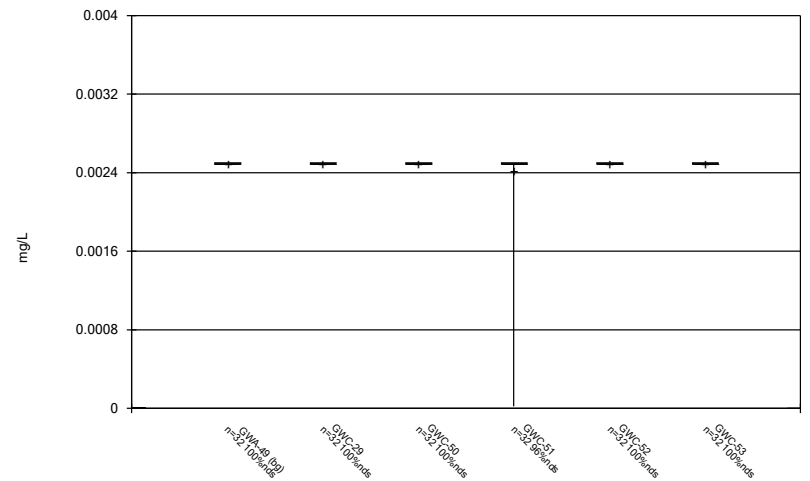
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



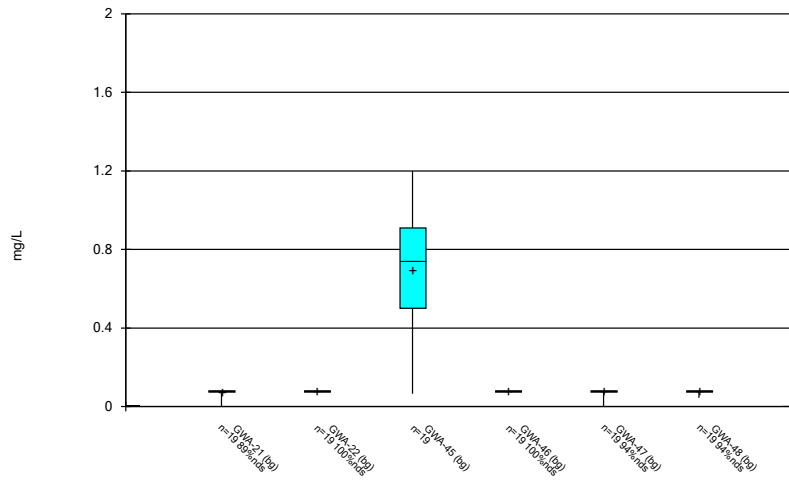
Constituent: Beryllium, Total Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



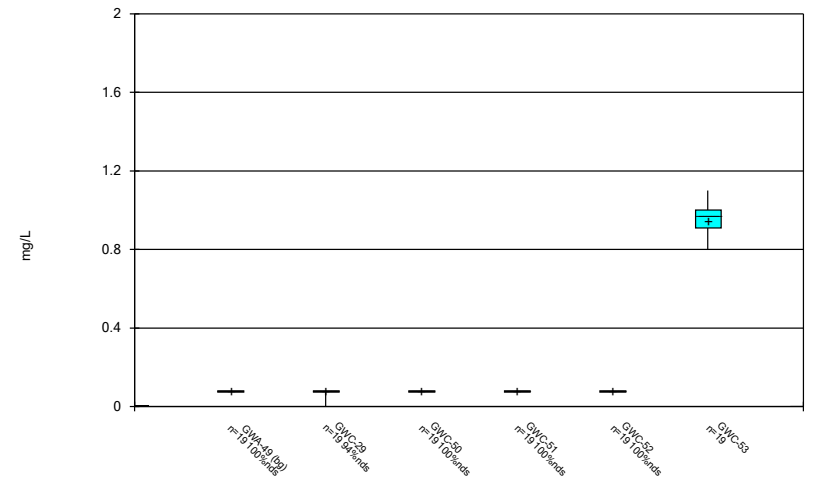
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



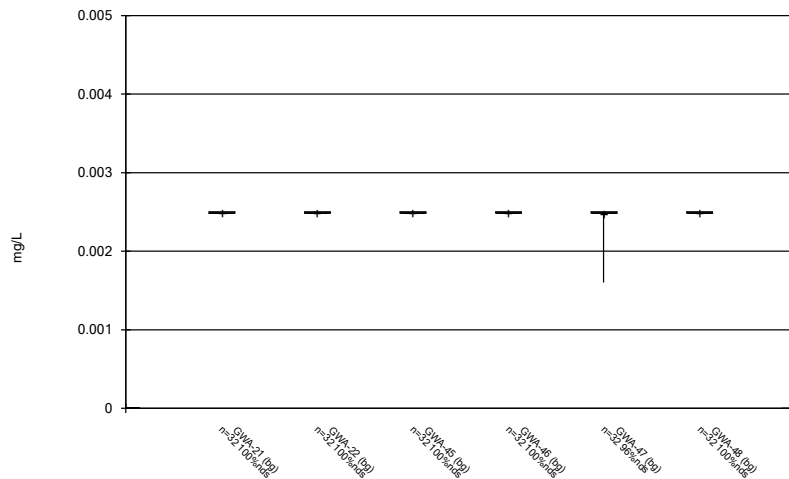
Constituent: Boron Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



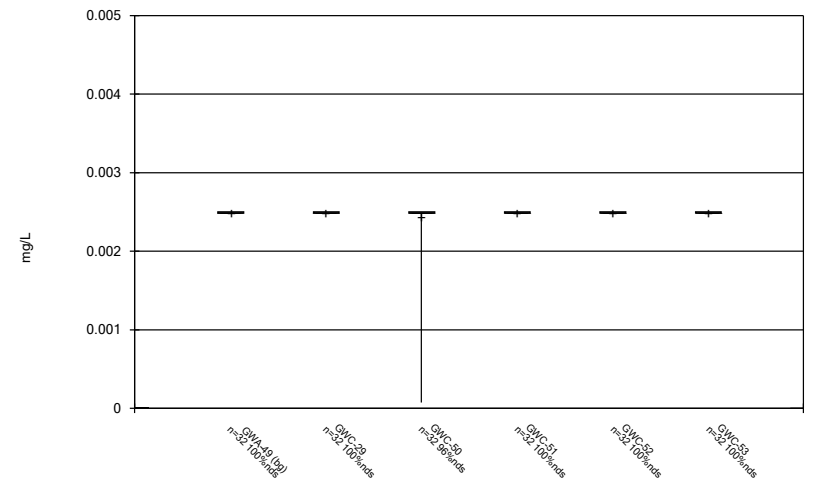
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



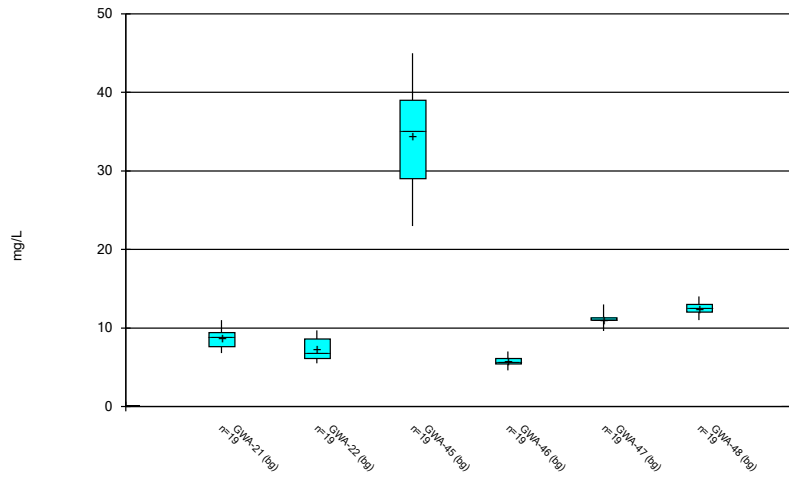
Constituent: Cadmium, Total Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



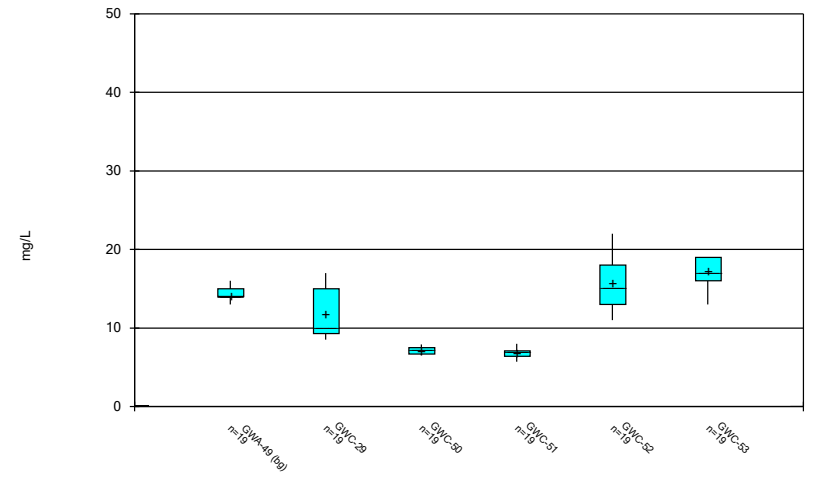
Constituent: Cadmium, Total Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



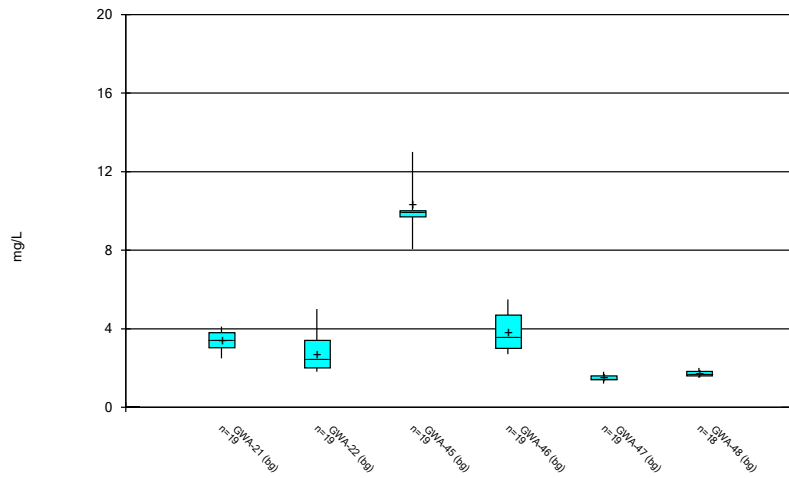
Constituent: Calcium Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



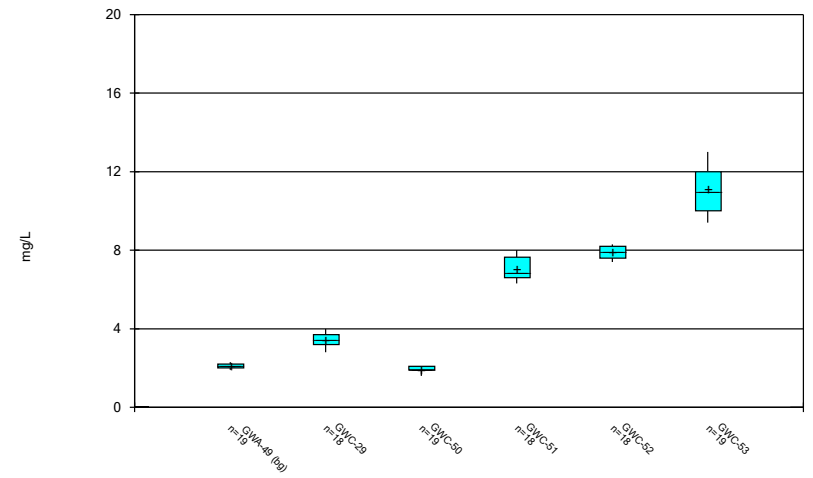
Constituent: Calcium Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



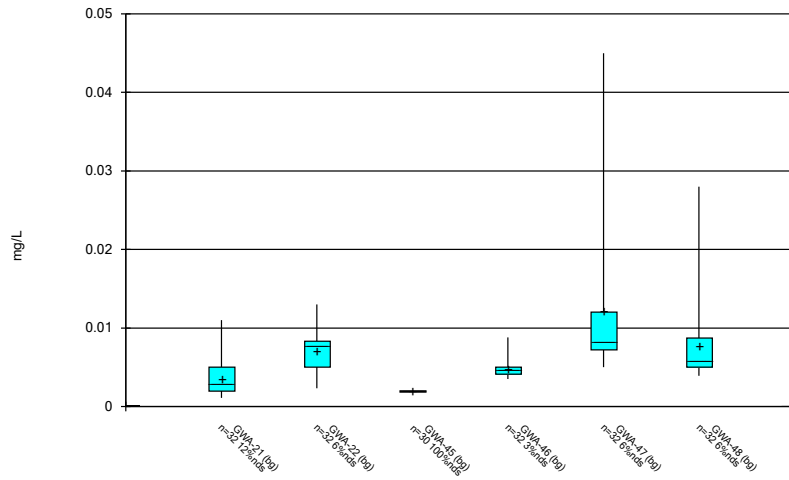
Constituent: Chloride Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



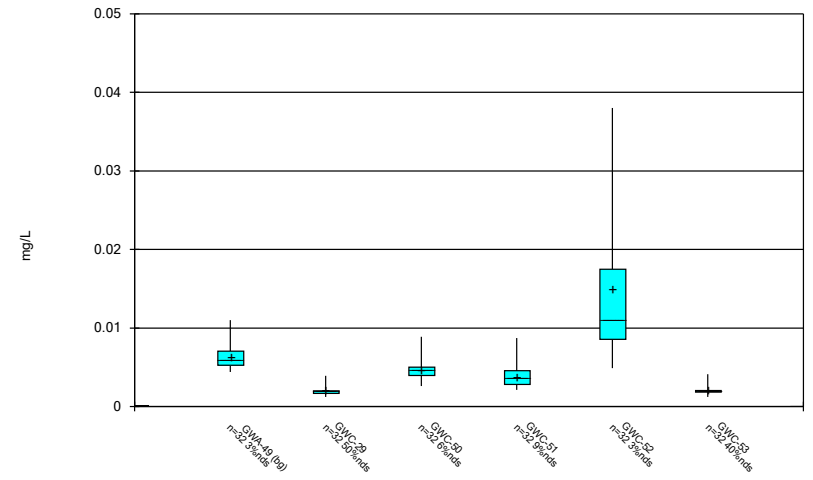
Constituent: Chloride Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



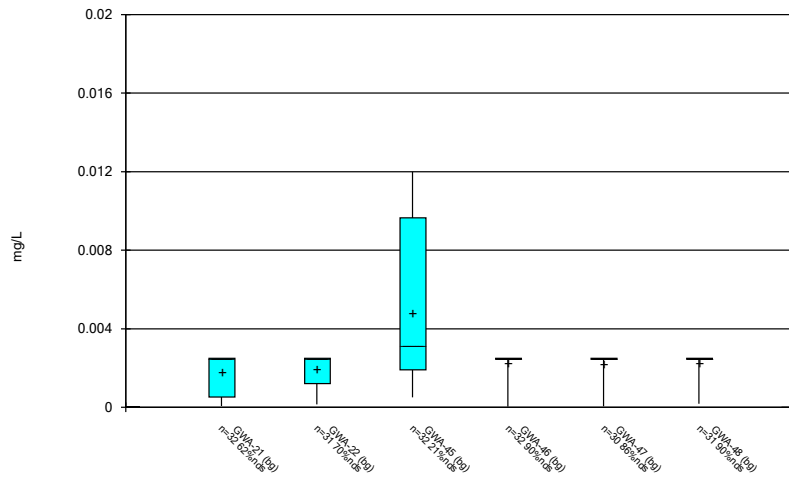
Constituent: Chromium, Total Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



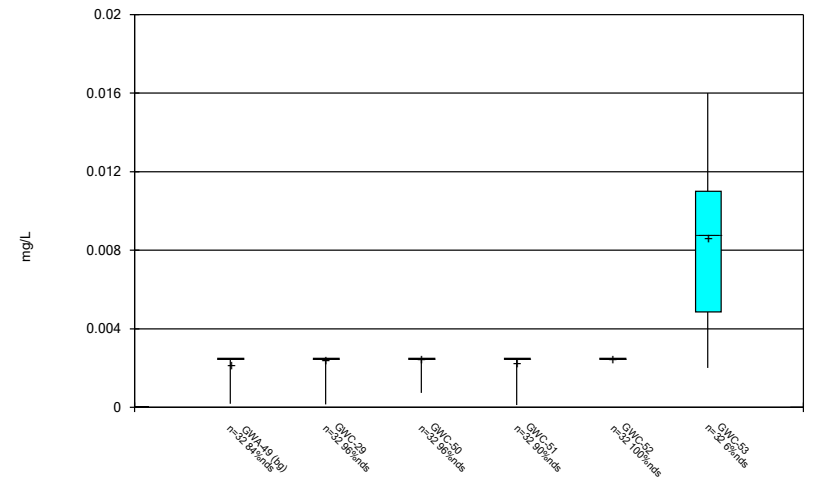
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



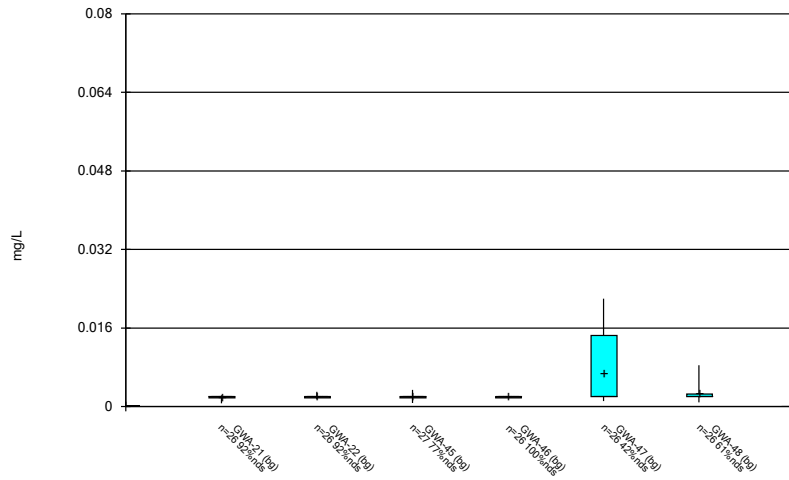
Constituent: Cobalt, Total Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



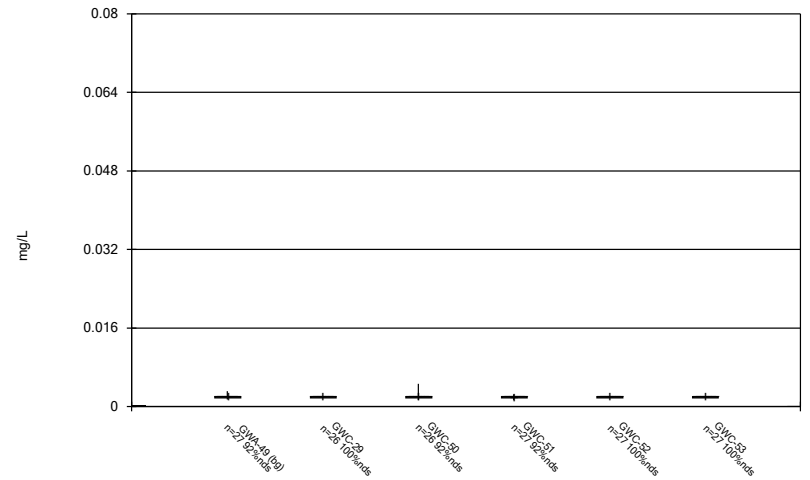
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



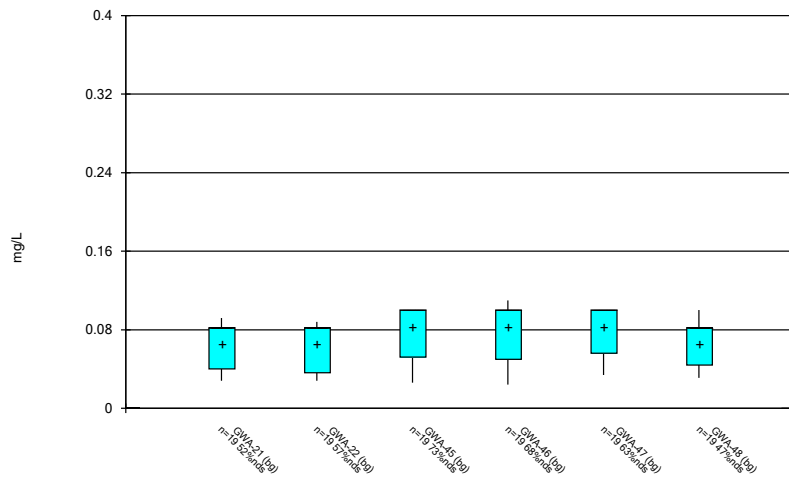
Constituent: Copper, Total Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



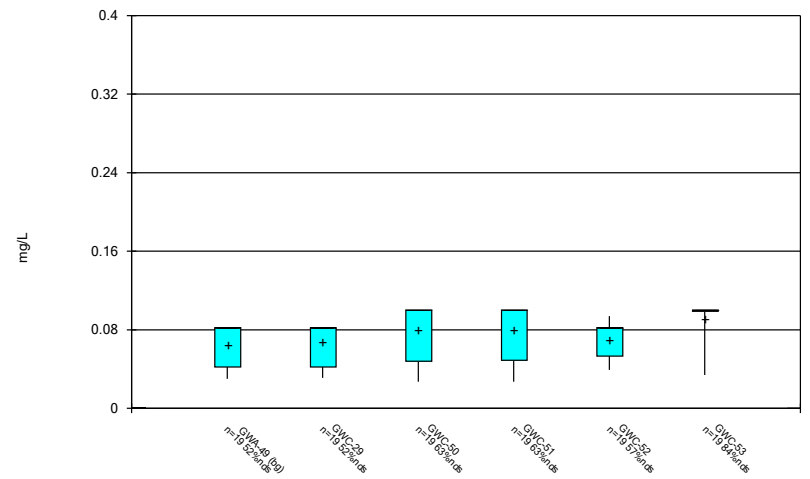
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



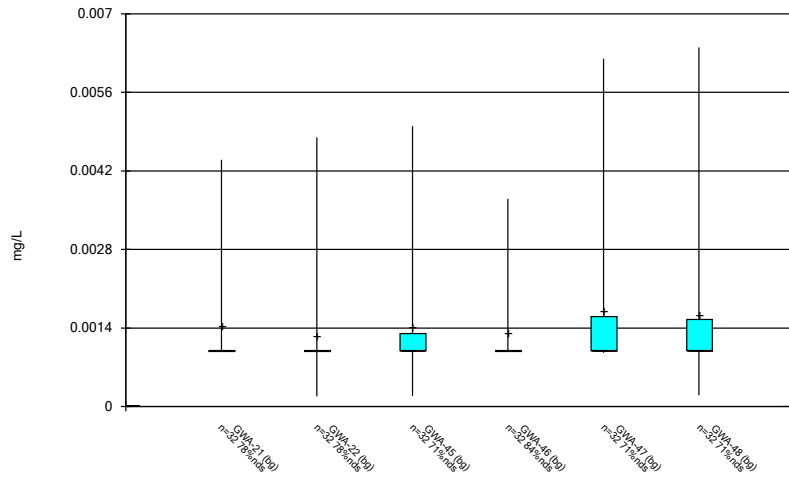
Constituent: Fluoride Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



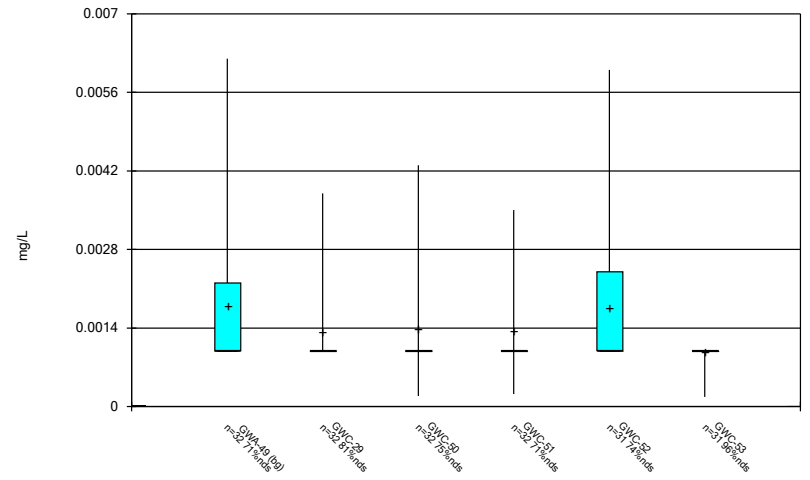
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



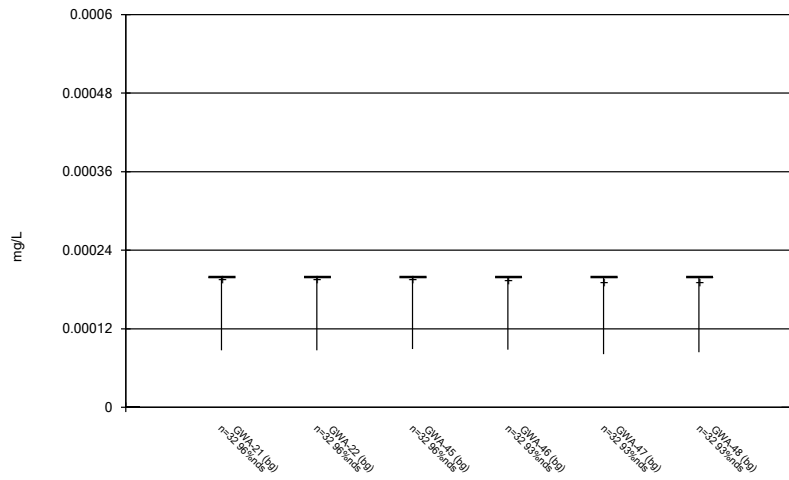
Constituent: Lead, Total Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



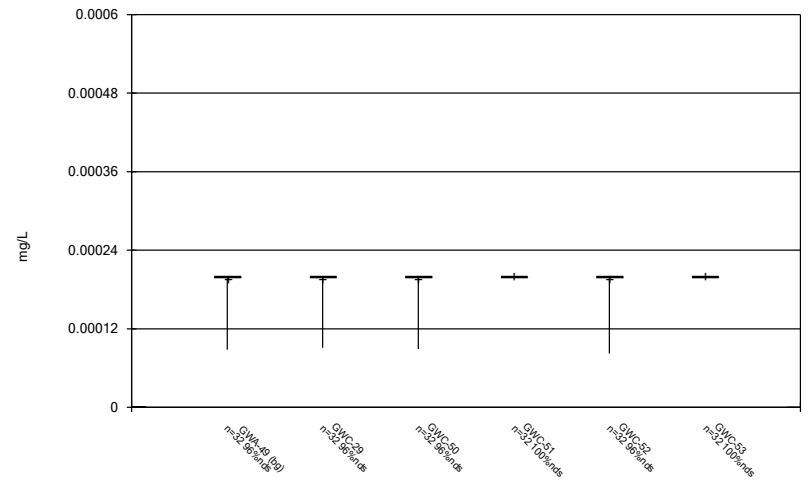
Constituent: Lead, Total Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



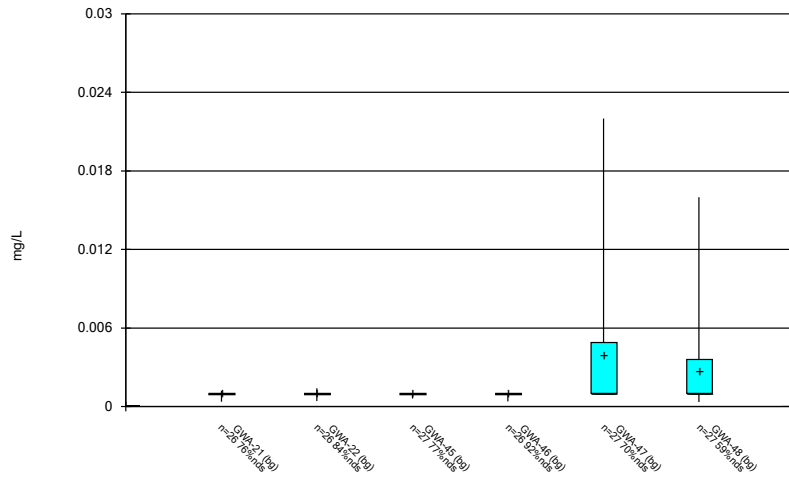
Constituent: Mercury, Total Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



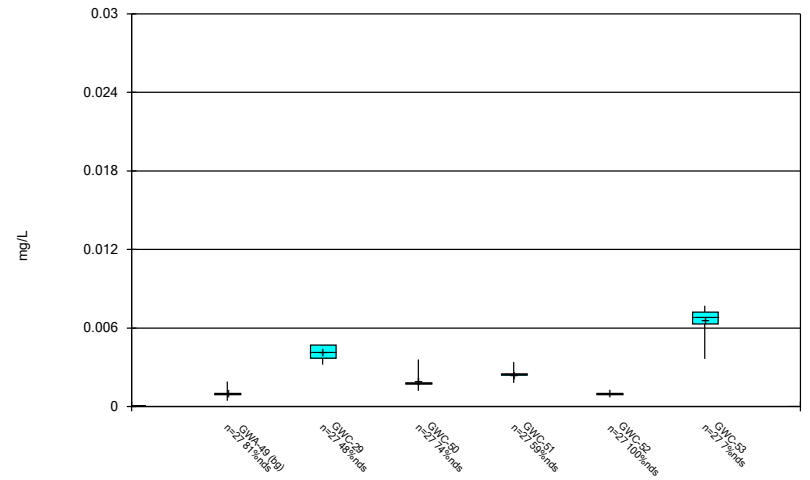
Constituent: Mercury, Total Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



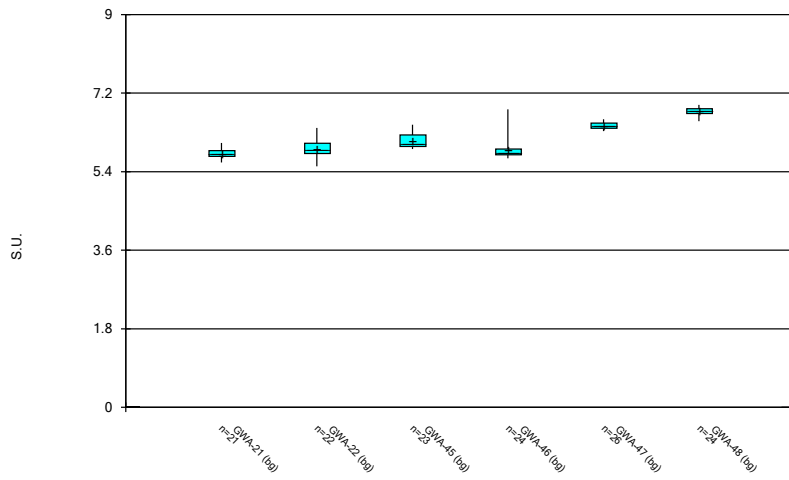
Constituent: Nickel, Total Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



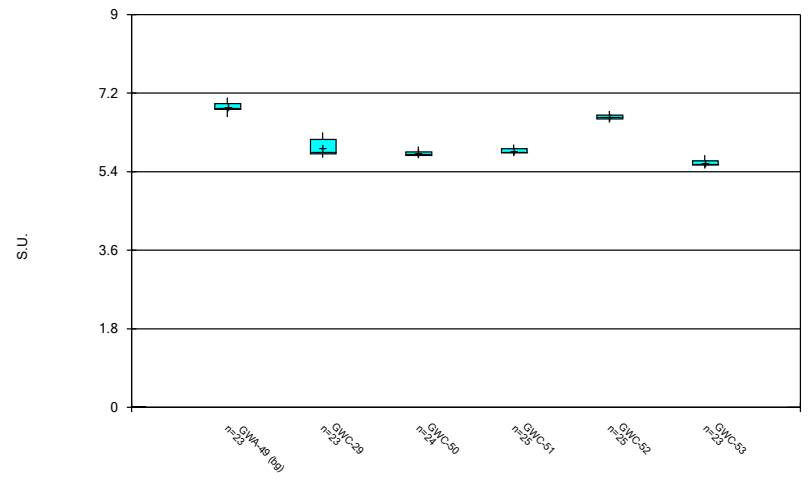
Constituent: Nickel, Total Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



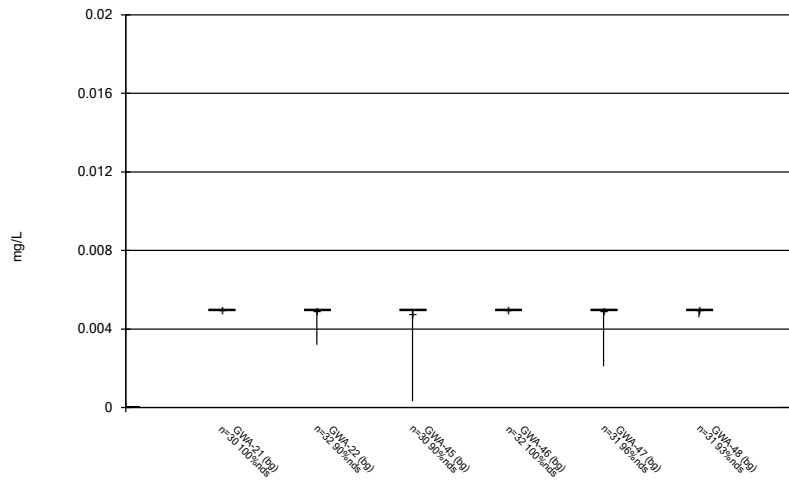
Constituent: pH Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



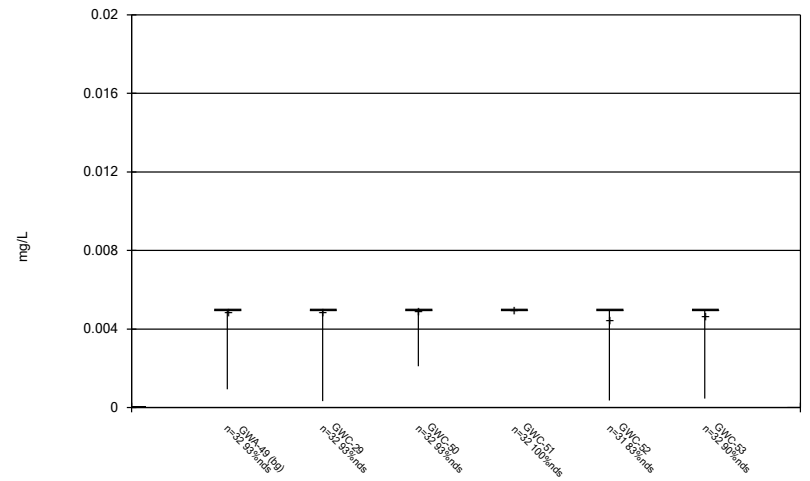
Constituent: pH Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



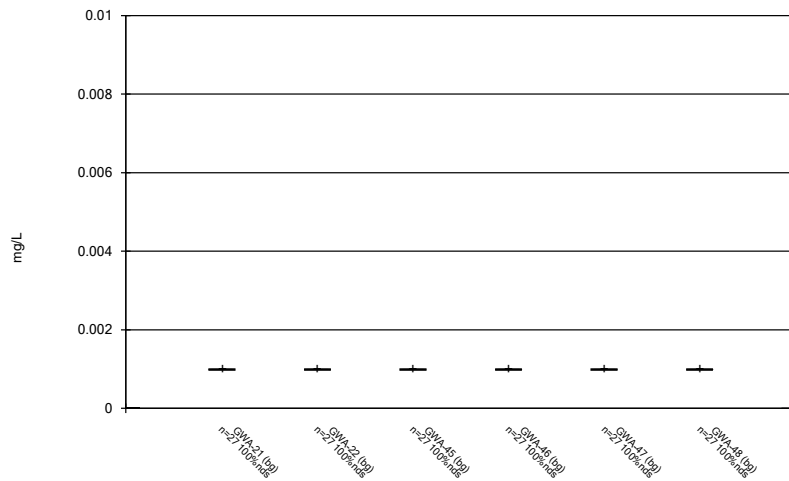
Constituent: Selenium, Total Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



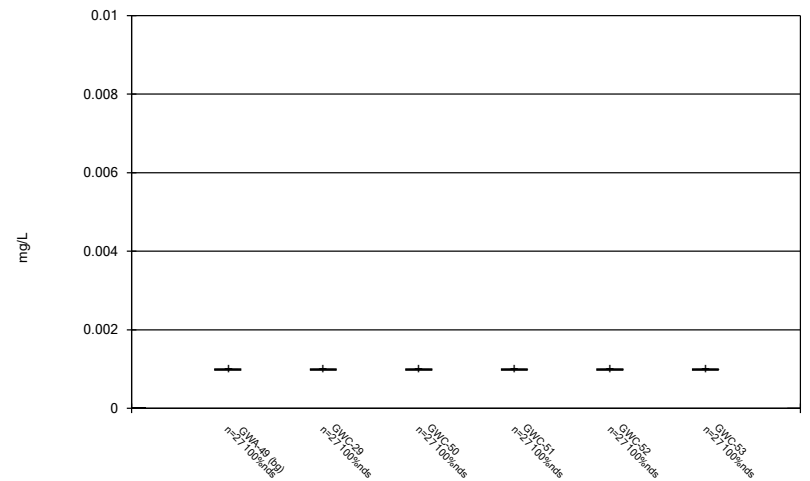
Constituent: Selenium, Total Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



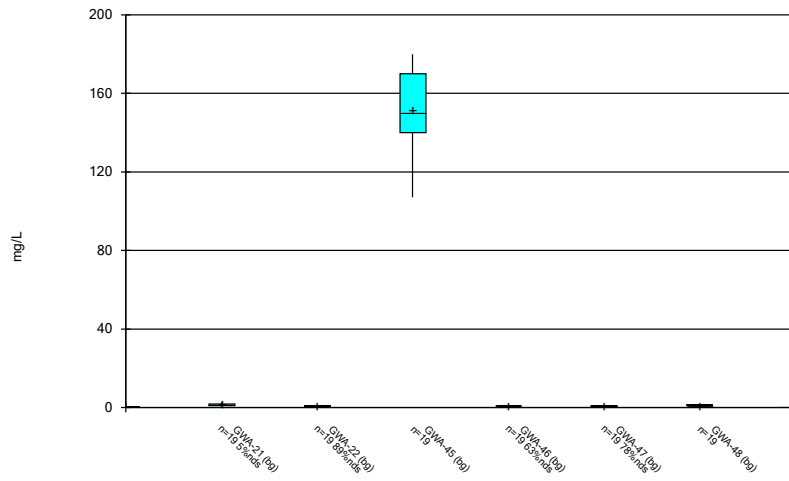
Constituent: Silver, Total Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



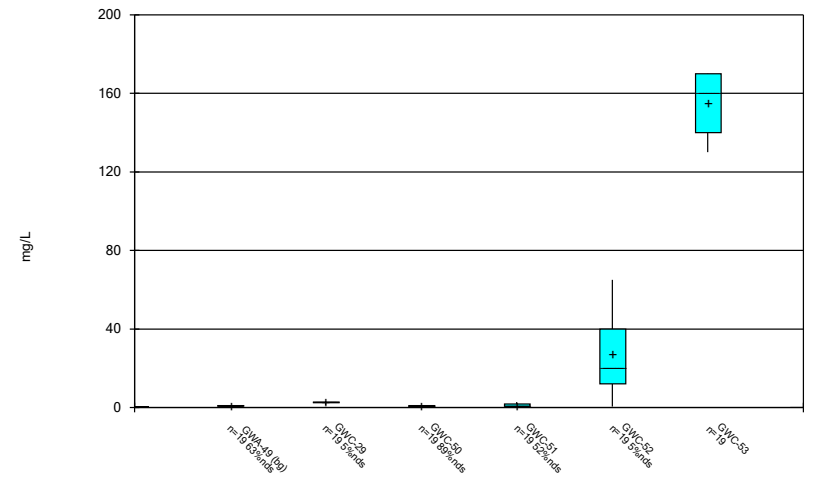
Constituent: Silver, Total Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



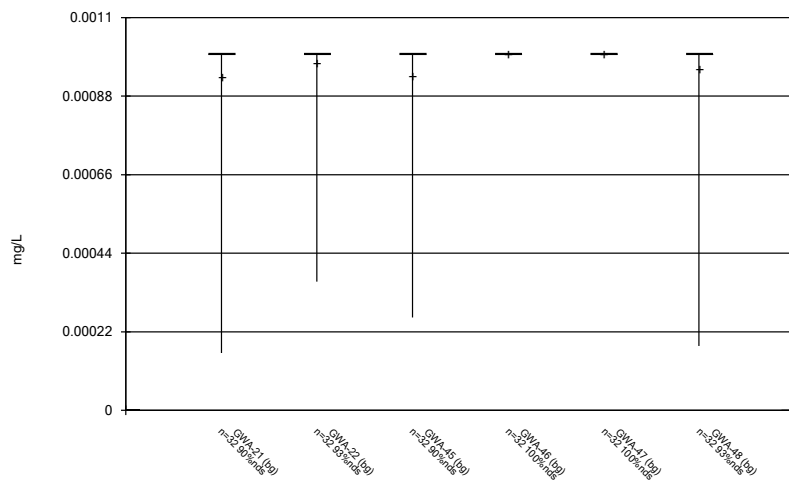
Constituent: Sulfate Analysis Run 12/1/2022 9:01 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



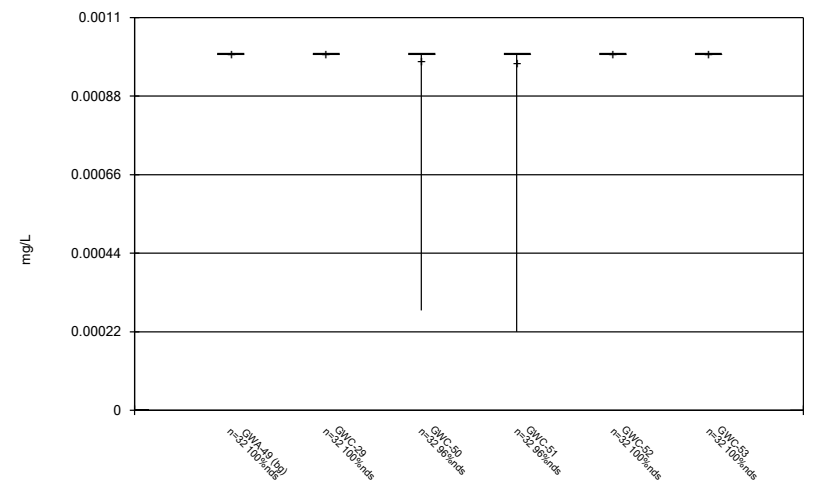
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



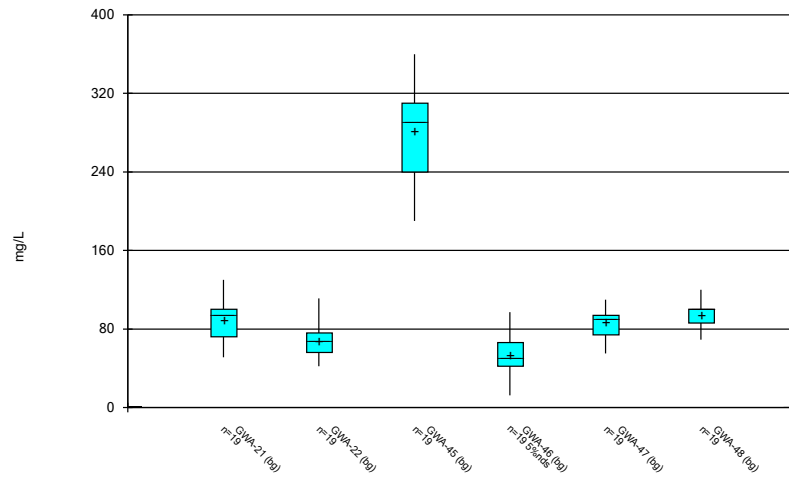
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



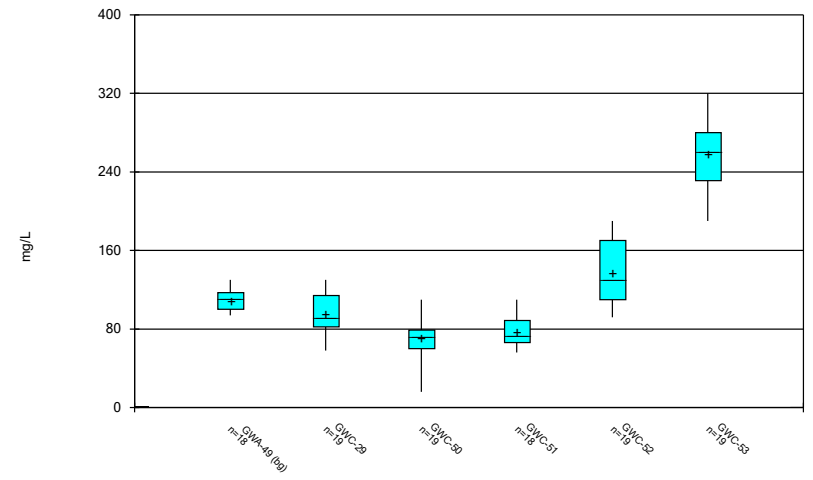
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



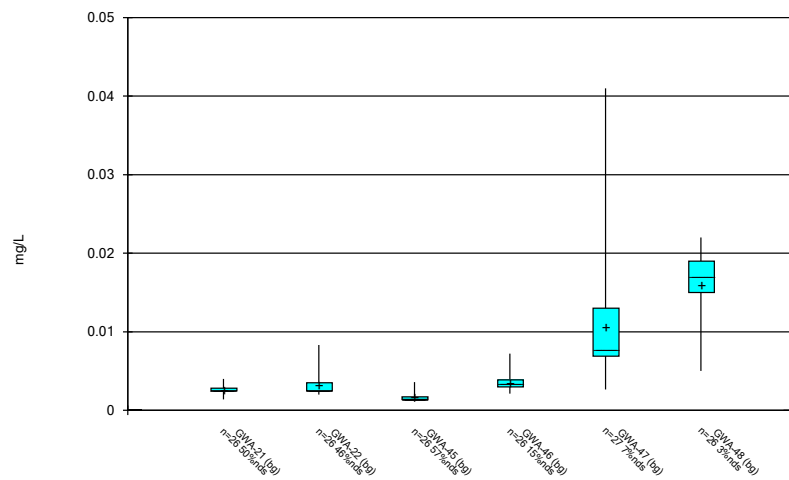
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



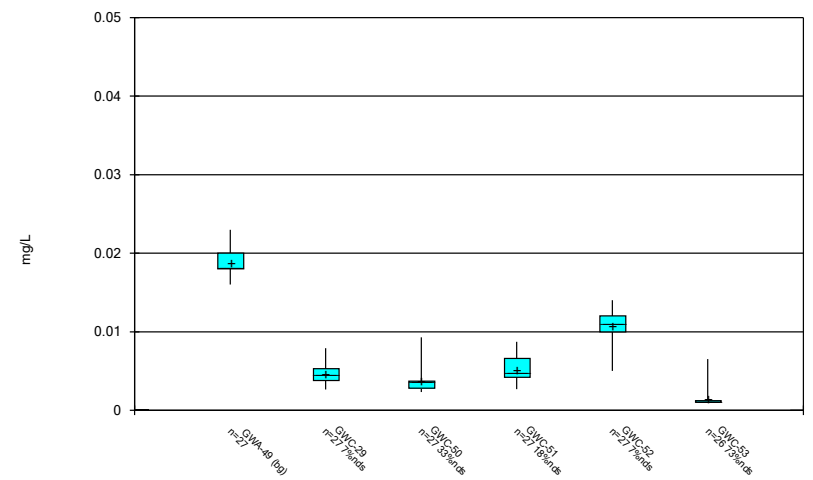
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



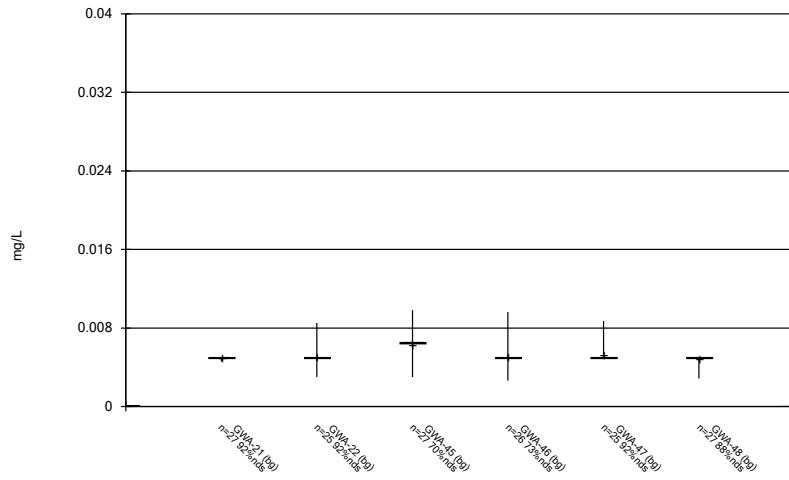
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



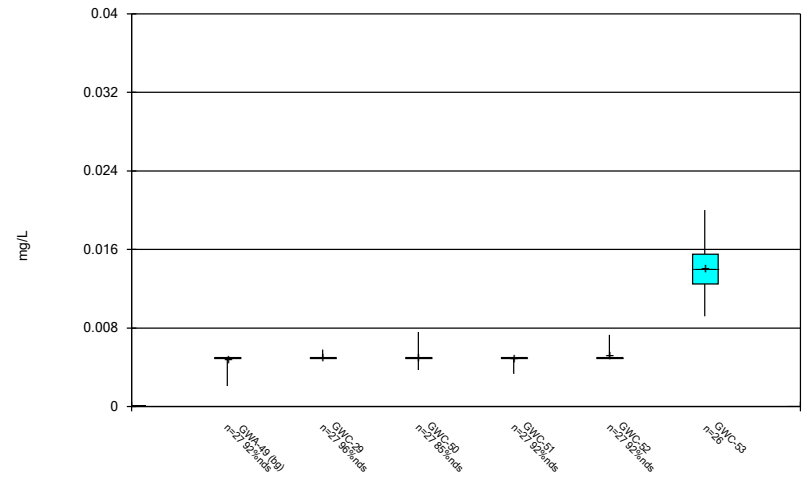
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



Constituent: Zinc, Total Analysis Run 12/1/2022 9:01 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



Constituent: Zinc, Total Analysis Run 12/1/2022 9:02 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:05 AM

	GWC-53 Vanadium, Total (mg/L)	GWA-22 Zinc, Total (mg/L)	GWA-46 Zinc, Total (mg/L)	GWA-47 Zinc, Total (mg/L)
12/20/2010				
12/21/2010				
12/22/2010				
2/14/2011				
10/25/2011				
5/1/2012				
11/8/2012		0.013 (O)		
11/4/2013				
11/5/2013				
5/23/2014			0.014 (O)	
5/20/2015				
5/21/2015				
5/22/2015				
5/25/2015				
11/13/2015	0.039 (O)			
4/8/2016	0.0136 (O)			
4/11/2016				
6/14/2016				
12/19/2016				
2/13/2017				
10/9/2017				
3/26/2018				
10/3/2018				
3/27/2019				
9/12/2019				
12/2/2019				
3/19/2020				
9/11/2020				
4/2/2021				

FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWA-45	0.05701	n/a	8/31/2022	0.065	Yes	24	0.03215	0.01125	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01961	n/a	8/31/2022	0.025	Yes	28	0.01603	0.001661	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.014	n/a	8/31/2022	0.015	Yes	28	0.0001382	0.00002671	0	None	x^2	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01758	n/a	8/31/2022	0.022	Yes	28	0.01176	0.00269	0	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01533	n/a	8/31/2022	0.038	Yes	24	0.00975	0.002526	4.167	None	No	0.0007523	Param Intra 1 of 2
Nickel, Total (mg/L)	GWA-21	0.001	n/a	8/26/2022	0.0012	Yes	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	8/31/2022	0.0031	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWA-45	0.0015	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.001	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.001	n/a	8/30/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.0013	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.001	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	8/31/2022	0.001ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.02935	n/a	8/26/2022	0.026	No	27	0.0227	0.00306	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.02993	n/a	8/26/2022	0.021	No	28	0.02437	0.00257	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.05701	n/a	8/31/2022	0.065	Yes	24	0.03215	0.01125	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02282	n/a	8/31/2022	0.022	No	27	0.01947	0.001543	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.045	n/a	8/31/2022	0.031	No	27	n/a	n/a	0	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-48	0.031	n/a	8/31/2022	0.016	No	26	n/a	n/a	0	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-49	0.02233	n/a	8/30/2022	0.021	No	28	0.01933	0.001391	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01961	n/a	8/31/2022	0.025	Yes	28	0.01603	0.001661	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.014	n/a	8/31/2022	0.015	Yes	28	0.0001382	0.00002671	0	None	x^2	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-51	0.01222	n/a	8/31/2022	0.011	No	28	0.00009473	0.00002527	3.571	None	x^2	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01758	n/a	8/31/2022	0.022	Yes	28	0.01176	0.00269	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.11	n/a	8/31/2022	0.036	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.0025	n/a	8/26/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-21	0.008995	n/a	8/26/2022	0.0016J	No	28	0.05889	0.01663	14.29	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01164	n/a	8/26/2022	0.0078	No	28	0.006711	0.002282	7.143	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-46	0.0088	n/a	8/31/2022	0.0048	No	28	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-47	0.045	n/a	8/31/2022	0.0084	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-48	0.028	n/a	8/31/2022	0.0059	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-49	0.009199	n/a	8/30/2022	0.0064	No	28	0.07829	0.008154	3.571	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.003506	n/a	8/31/2022	0.002ND	No	28	-6.437	0.3625	42.86	Kaplan-Meier	ln(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-50	0.006348	n/a	8/31/2022	0.004	No	28	0.004525	0.0008434	7.143	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-51	0.005825	n/a	8/31/2022	0.0047	No	28	0.003553	0.001051	10.71	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01533	n/a	8/31/2022	0.038	Yes	24	0.00975	0.002526	4.167	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.0041	n/a	8/31/2022	0.002	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	8/26/2022	0.0025ND	No	28	n/a	n/a	64.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0025	n/a	8/26/2022	0.0025ND	No	27	n/a	n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.01078	n/a	8/31/2022	0.0012J	No	28	0.1408	0.03707	25	Kaplan-Meier	x^(1/3)	0.0007523	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0025	n/a	8/31/2022	0.0025ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0025	n/a	8/31/2022	0.0025ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0025	n/a	8/30/2022	0.0025ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0025	n/a	8/31/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01649	n/a	8/31/2022	0.014	No	28	0.008139	0.003861	7.143	None	No	0.0007523	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0023	n/a	8/26/2022	0.002ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.003	n/a	8/26/2022	0.002ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	8/31/2022	0.002ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.022	n/a	8/31/2022	0.002ND	No	22	n/a	n/a	36.36	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Copper, Total (mg/L)	GWA-48	0.0084	n/a	8/31/2022	0.002ND	No	22	n/a	n/a	59.09	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-49	0.002	n/a	8/30/2022	0.002ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.002	n/a	8/31/2022	0.002ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.002	n/a	8/31/2022	0.002ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	8/26/2022	0.001ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	8/26/2022	0.001ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-46	0.0037	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-49	0.0062	n/a	8/30/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	8/31/2022	0.001ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.001	n/a	8/31/2022	0.001ND	No	27	n/a	n/a	100	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	8/26/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	8/26/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.0002	n/a	8/30/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.0002	n/a	8/31/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.001	n/a	8/26/2022	0.0012	Yes	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.001	n/a	8/26/2022	0.00065J	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.001	n/a	8/31/2022	0.00065J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.001	n/a	8/31/2022	0.00056J	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	8/31/2022	0.001ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-48	0.016	n/a	8/31/2022	0.001ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-49	0.001	n/a	8/30/2022	0.00074J	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	8/31/2022	0.0033	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	8/31/2022	0.0031	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	8/31/2022	0.0025	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008155	n/a	8/31/2022	0.0069	No	23	2.9e-7	1.1e-7	8.696	None	x^3	0.0007523	Param Intra 1 of 2
Selenium, Total (mg/L)	GWA-22	0.005	n/a	8/26/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.005	n/a	8/31/2022	0.005ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.005	n/a	8/31/2022	0.005ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.005	n/a	8/31/2022	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.005	n/a	8/30/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.005	n/a	8/31/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-50	0.005	n/a	8/31/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.005	n/a	8/31/2022	0.005ND	No	27	n/a	n/a	81.48	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.005	n/a	8/31/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-21	0.001	n/a	8/26/2022	0.001ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.001	n/a	8/26/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.001	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.001	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.001	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.001	n/a	8/31/2022	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0031	n/a	8/26/2022	0.0028	No	22	n/a	n/a	59.09	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	8/26/2022	0.002	No	22	n/a	n/a	54.55	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0036	n/a	8/31/2022	0.0011	No	22	n/a	n/a	68.18	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.006504	n/a	8/31/2022	0.0027	No	22	0.05801	0.01008	18.18	Kaplan-Meier	sqrt(x)	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-47	0.031	n/a	8/31/2022	0.0073	No	23	0.09955	0.03434	8.696	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02436	n/a	8/31/2022	0.018	No	22	0.0155	0.003948	4.545	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02263	n/a	8/30/2022	0.019	No	23	0.01862	0.0018	0	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.00736	n/a	8/31/2022	0.0055	No	23	0.004544	0.001264	8.696	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.004715	n/a	8/31/2022	0.0031	No	23	0.003096	0.0007265	39.13	Kaplan-Meier	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-51	0.007316	n/a	8/31/2022	0.0038	No	23	0.004446	0.001288	21.74	Kaplan-Meier	No	0.0007523	Param Intra 1 of 2

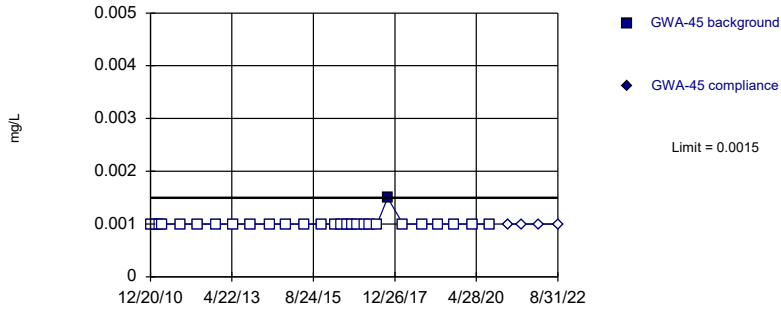
Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vanadium, Total (mg/L)	GWC-52	0.01432	n/a	8/31/2022	0.01	No	23	0.0001177	0.00003924	8.696	None	x^2	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0065	n/a	8/31/2022	0.00095J	No	22	n/a	n/a	81.82	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.005	n/a	8/26/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.0085	n/a	8/26/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0098	n/a	8/31/2022	0.0051	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.0096	n/a	8/31/2022	0.0032J	No	22	n/a	n/a	77.27	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.0087	n/a	8/31/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.005	n/a	8/31/2022	0.0039J	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.005	n/a	8/30/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0058	n/a	8/31/2022	0.005ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0076	n/a	8/31/2022	0.005ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.005	n/a	8/31/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0073	n/a	8/31/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.02028	n/a	8/31/2022	0.015	No	22	0.01392	0.002833	0	None	No	0.0007523	Param Intra 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

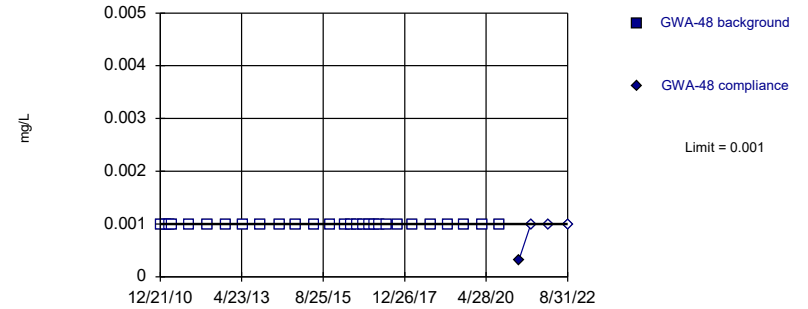


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

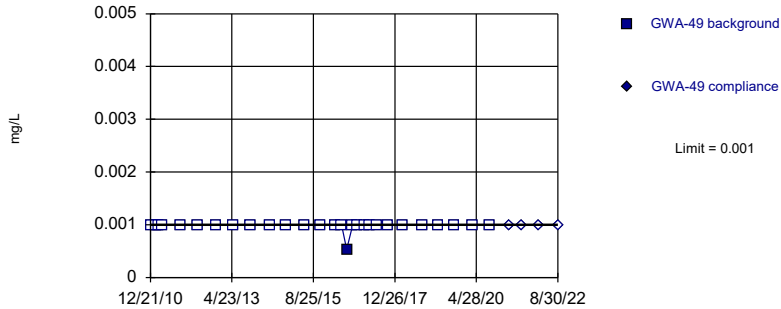


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

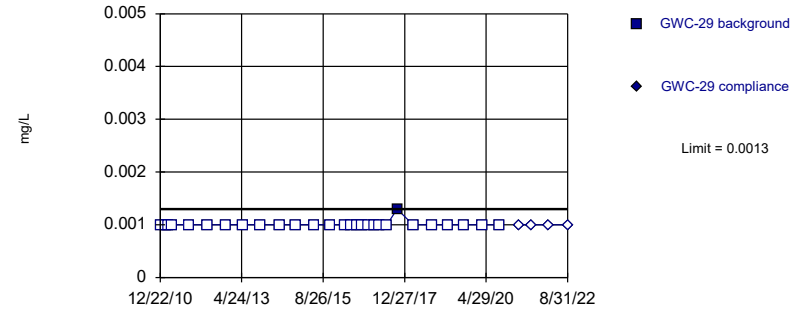


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric



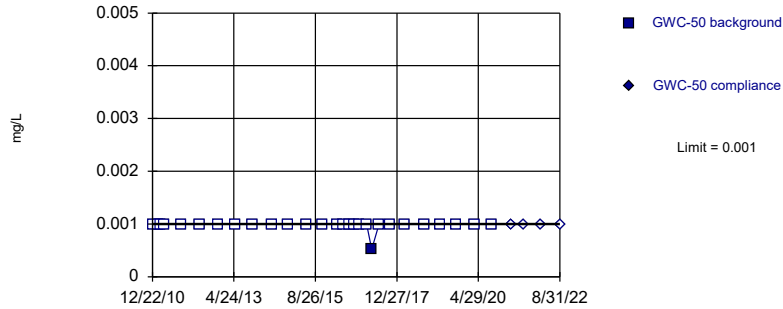
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



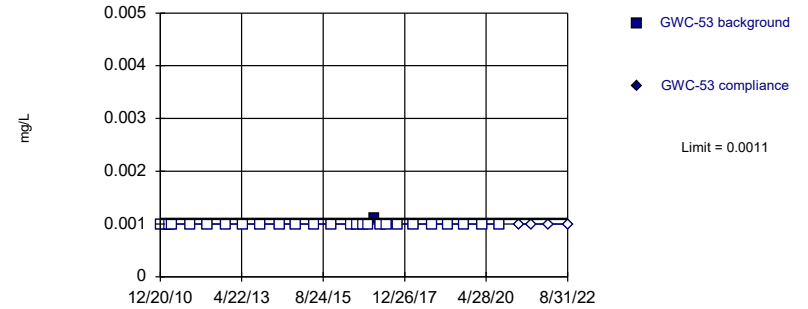
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



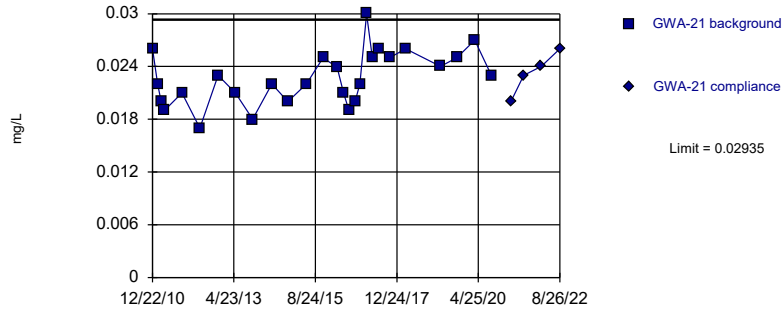
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Arsenic, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



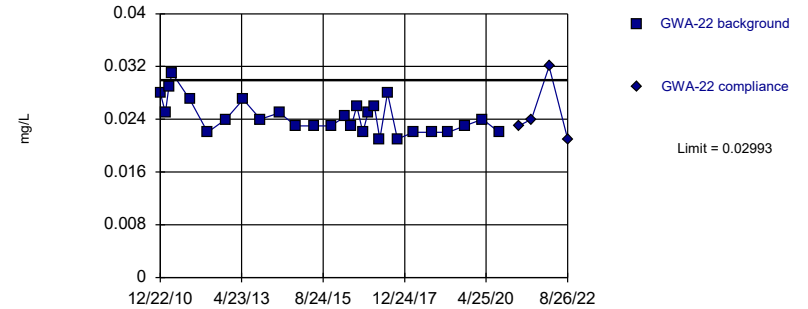
Background Data Summary: Mean=0.0227, Std. Dev.=0.00306, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9786, critical = 0.894. Kappa = 2.172 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric

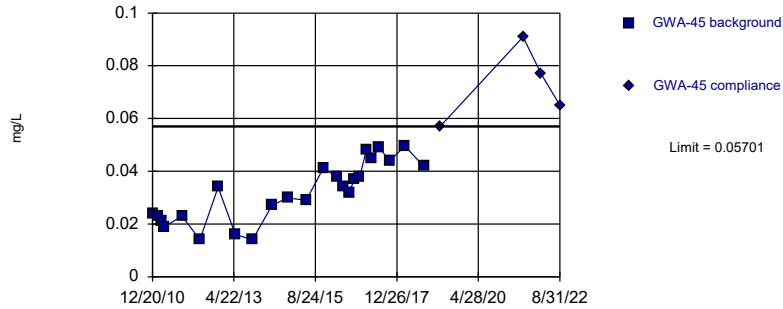


Background Data Summary: Mean=0.02437, Std. Dev.=0.00257, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9209, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

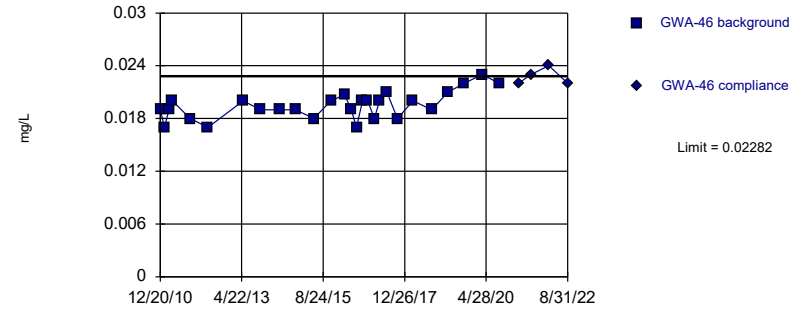


Background Data Summary: Mean=0.03215, Std. Dev.=0.01125, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.884. Kappa = 2.211 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

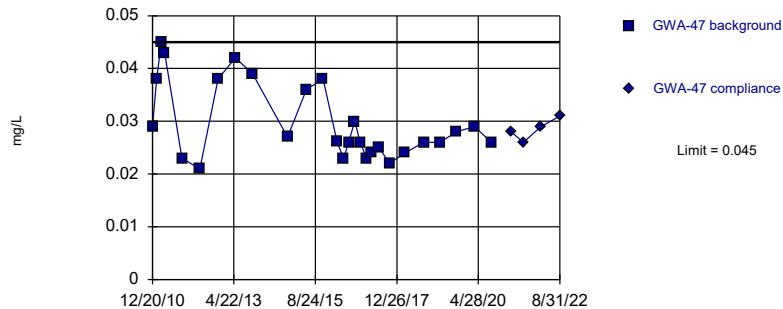


Background Data Summary: Mean=0.01947, Std. Dev.=0.001543, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.894. Kappa = 2.172 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

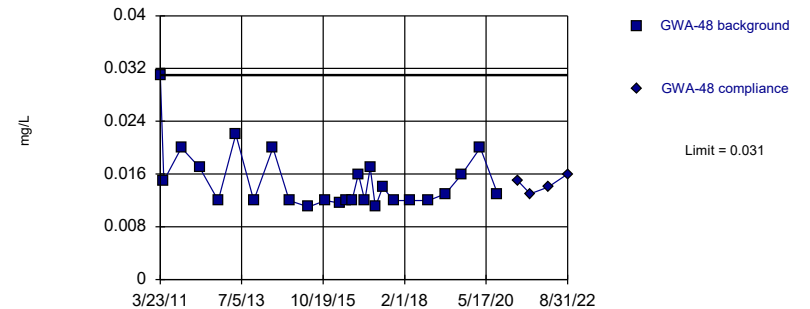


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Barium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

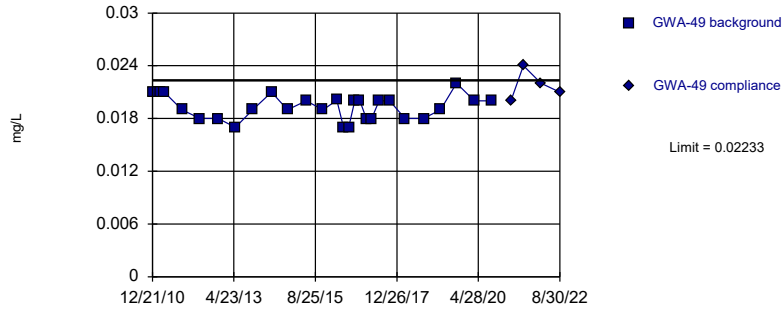


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Barium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01933, Std. Dev.=0.001391, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.931, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

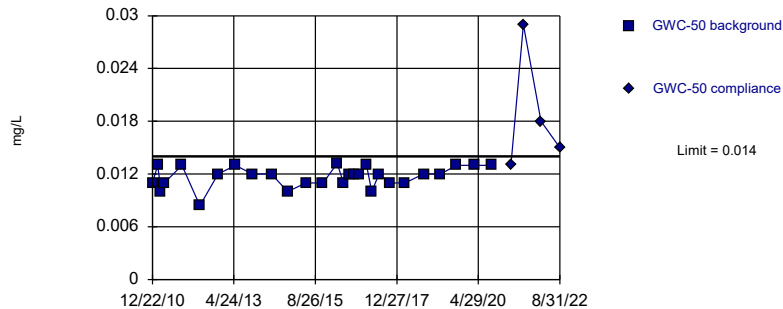


Background Data Summary: Mean=0.01603, Std. Dev.=0.001661, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9382, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric



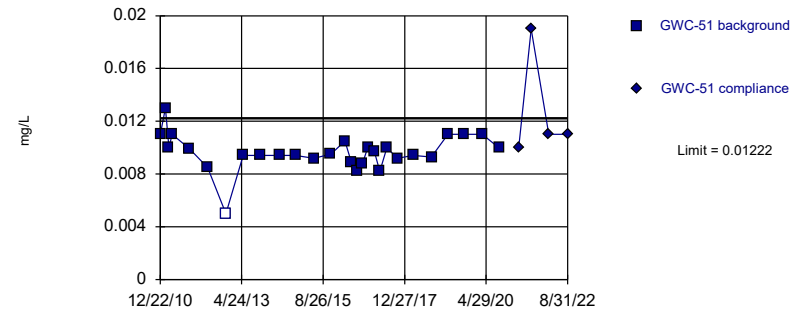
Background Data Summary (based on square transformation): Mean=0.0001382, Std. Dev.=0.00002671, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.902, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

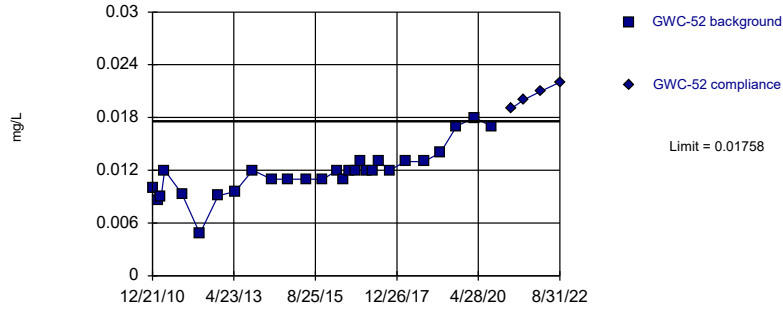


Background Data Summary (based on square transformation): Mean=0.00009473, Std. Dev.=0.00002527, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

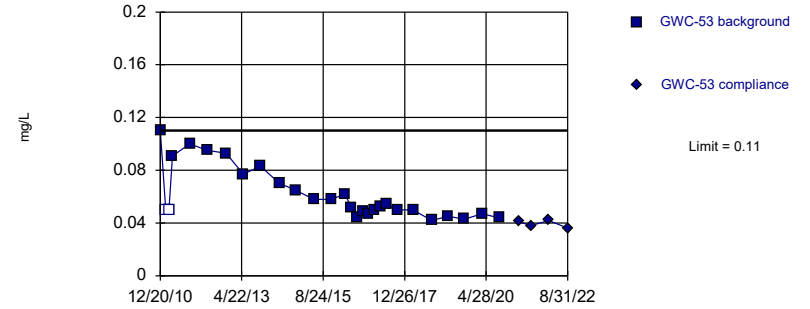


Background Data Summary: Mean=0.01176, Std. Dev.=0.00269, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9249, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

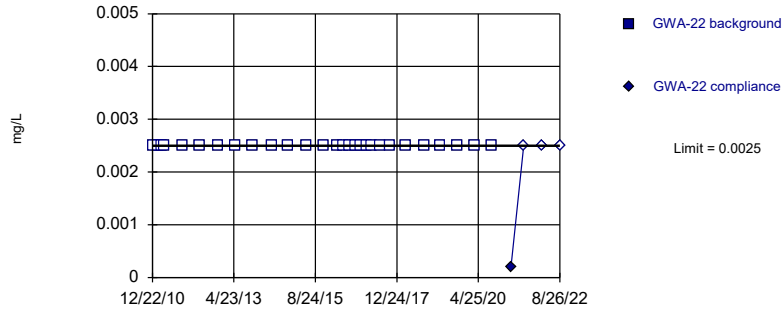


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 7.143% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Barium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

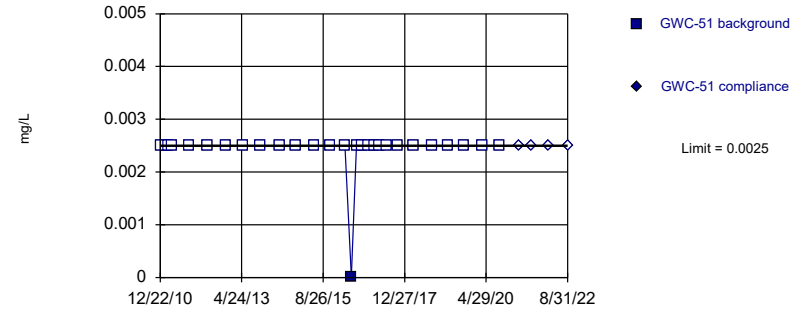


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



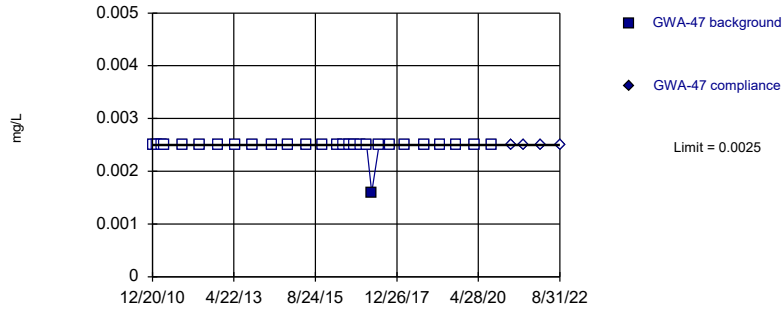
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Beryllium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



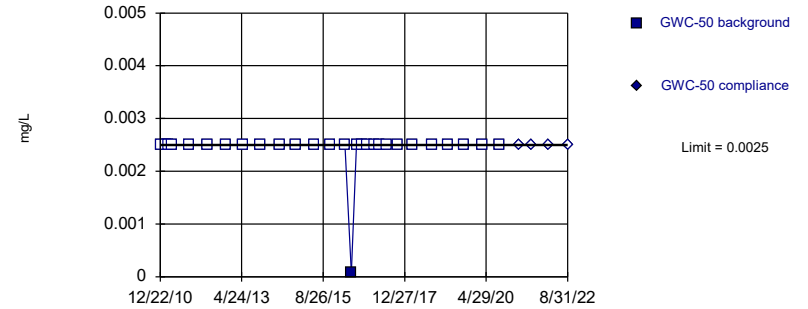
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



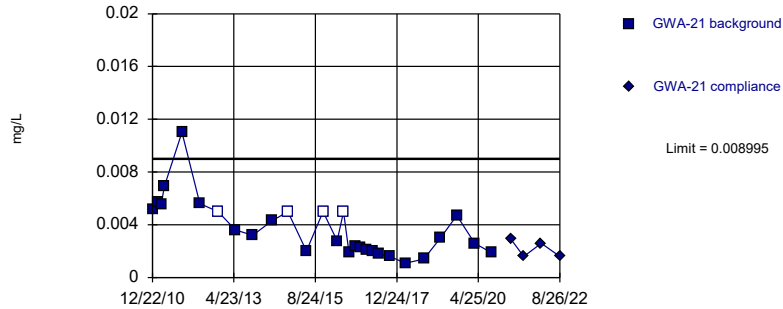
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cadmium, Total Analysis Run 12/1/2022 9:13 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



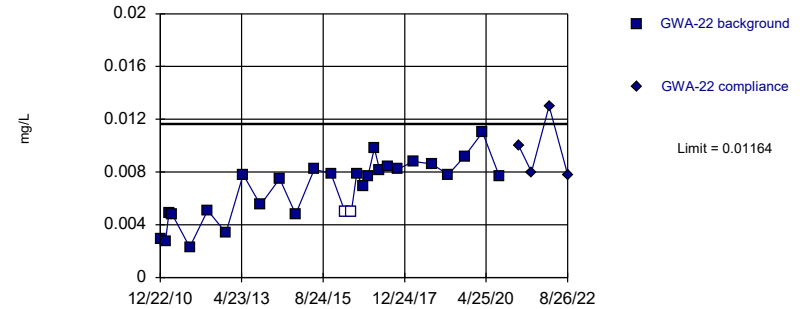
Background Data Summary (based on square root transformation): Mean=0.05889, Std. Dev.=0.01663, n=28, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9352, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric

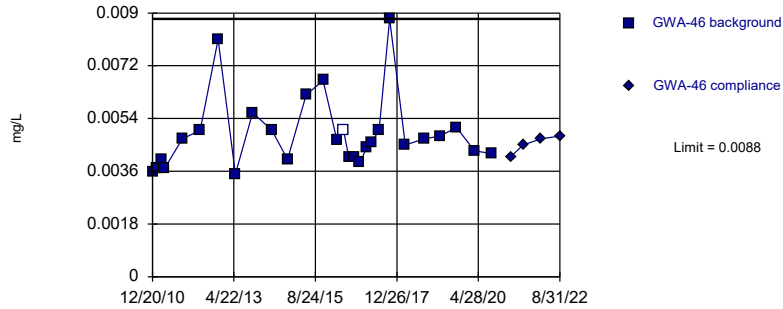


Background Data Summary: Mean=0.006711, Std. Dev.=0.002282, n=28, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9315, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

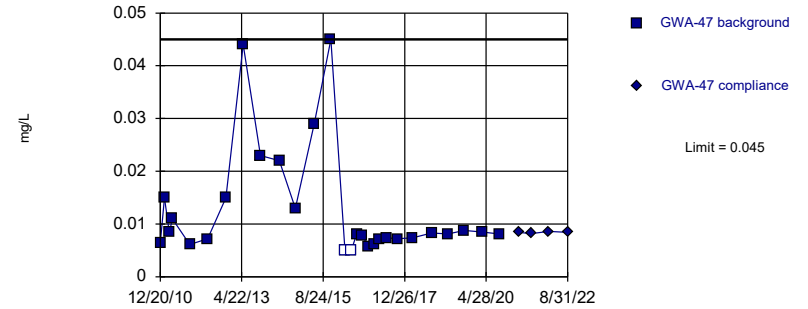


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 3.571% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

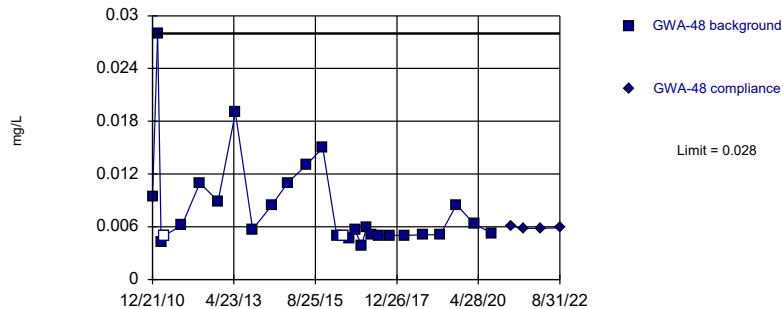


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 7.143% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

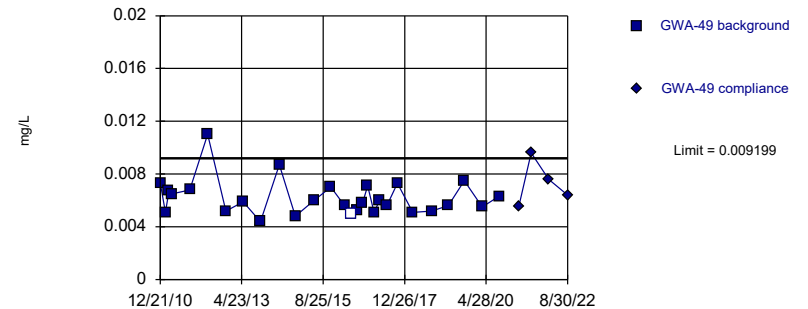


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 7.143% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

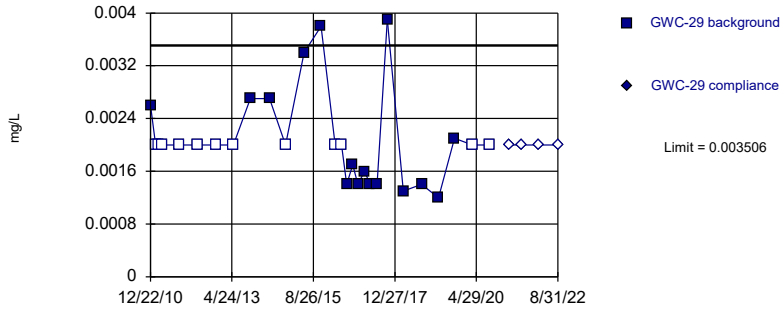


Background Data Summary (based on square root transformation): Mean=0.07829, Std. Dev.=0.008154, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8979, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

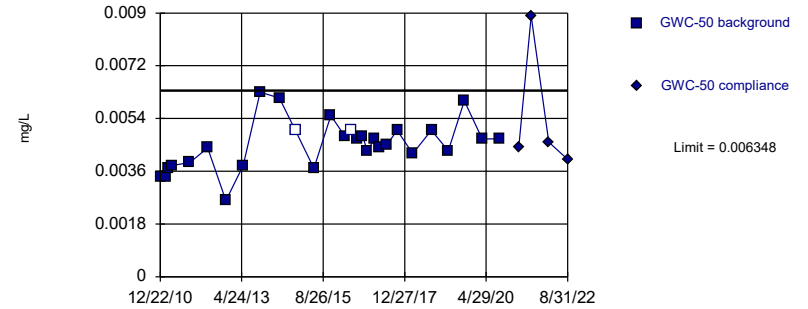


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=6.437, Std. Dev.=0.3625, n=28, 42.86% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8999, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

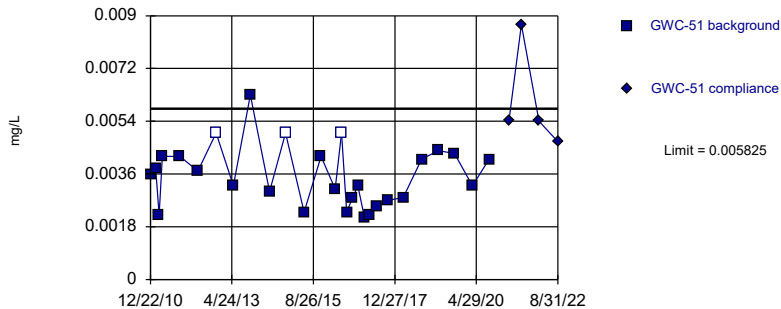


Background Data Summary: Mean=0.004525, Std. Dev.=0.0008434, n=28, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9702, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

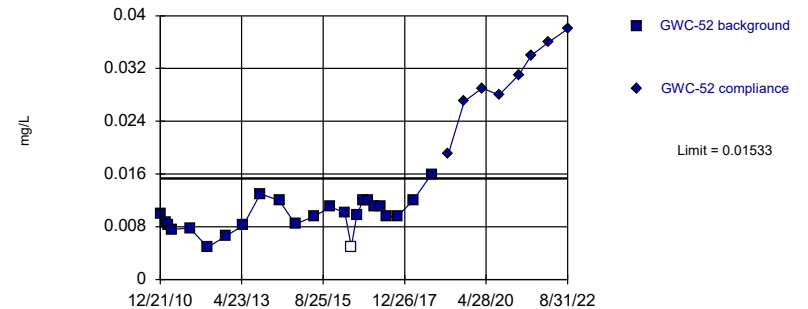


Background Data Summary: Mean=0.003553, Std. Dev.=0.001051, n=28, 10.71% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.945, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric



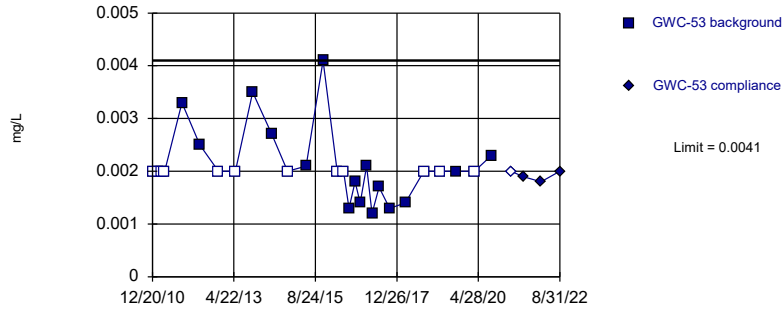
Background Data Summary: Mean=0.00975, Std. Dev.=0.002526, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.884. Kappa = 2.211 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



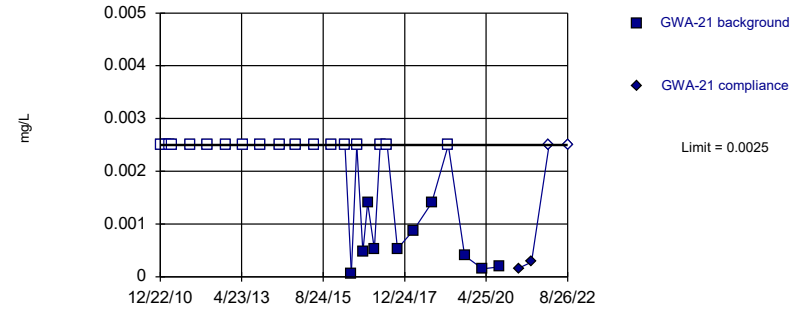
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



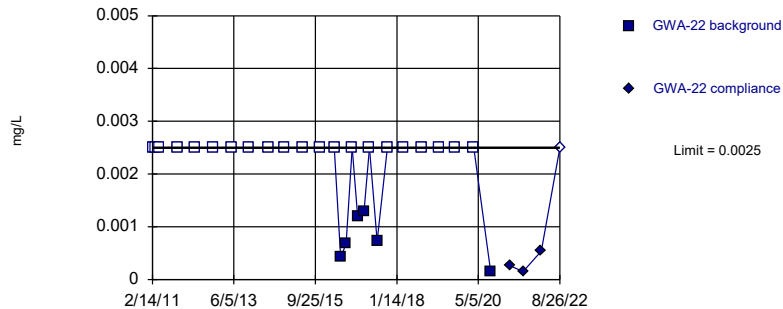
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



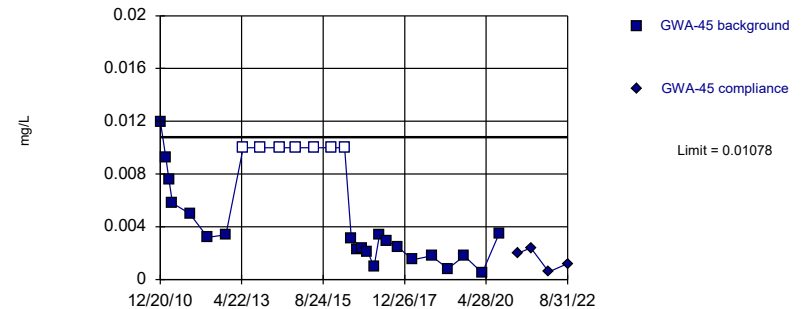
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric

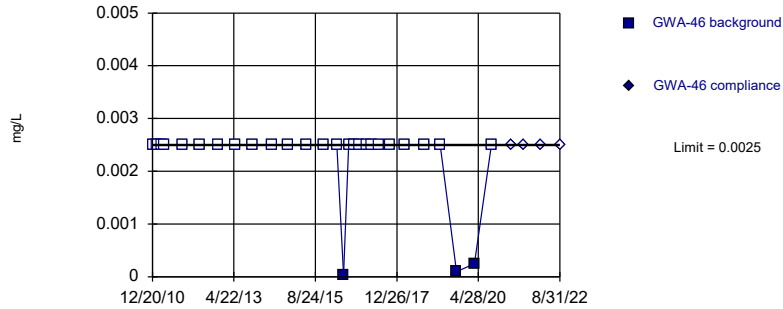


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1408, Std. Dev.=0.03707, n=28, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Cobalt, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

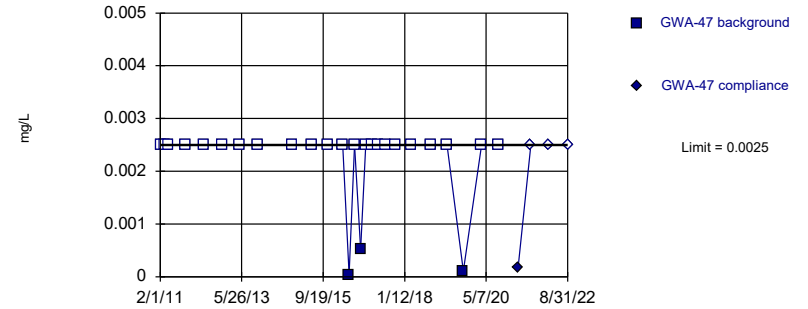


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

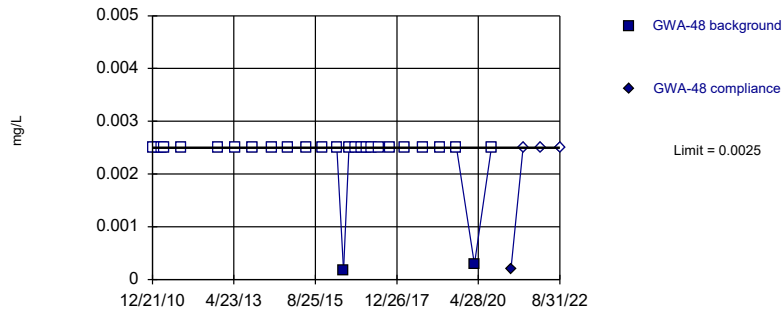


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

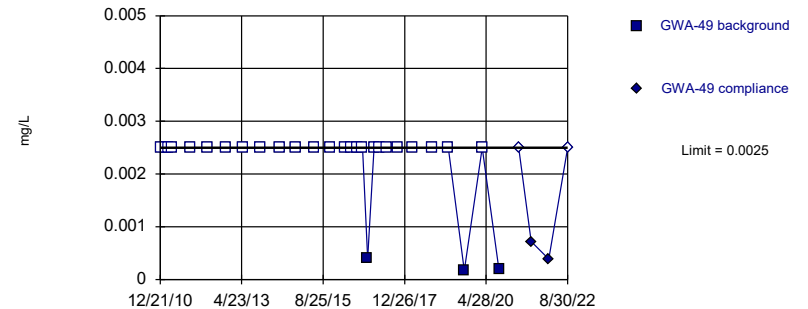


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric



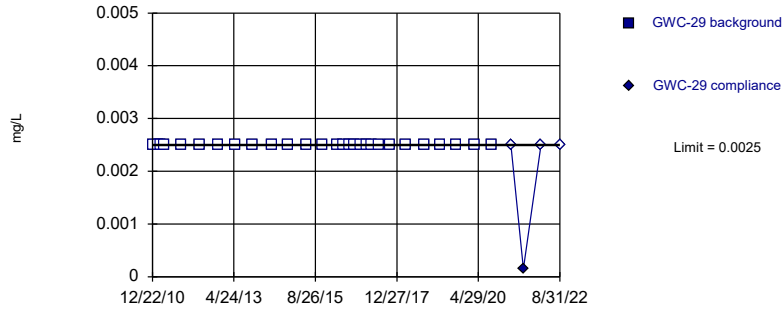
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



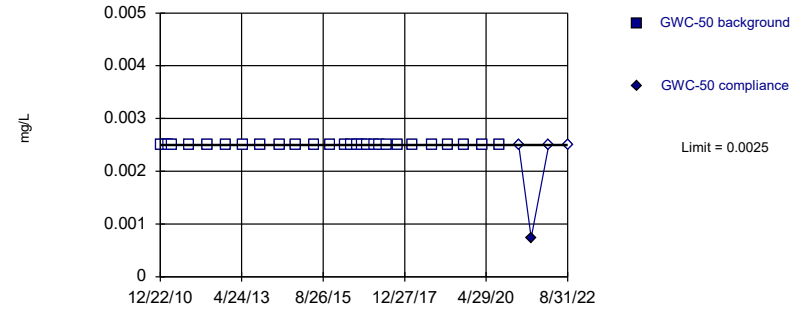
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



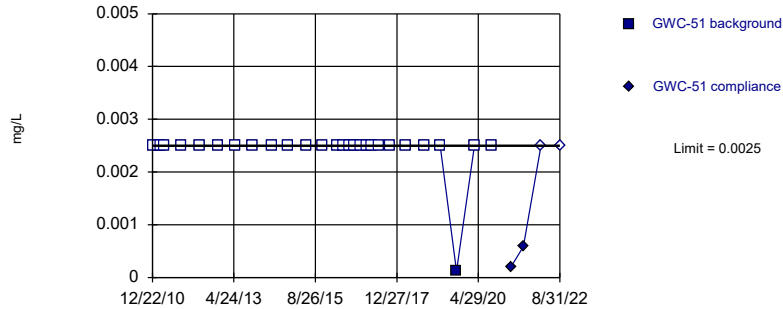
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



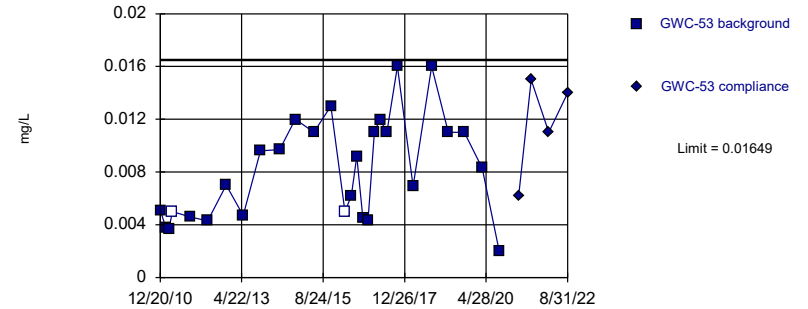
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric

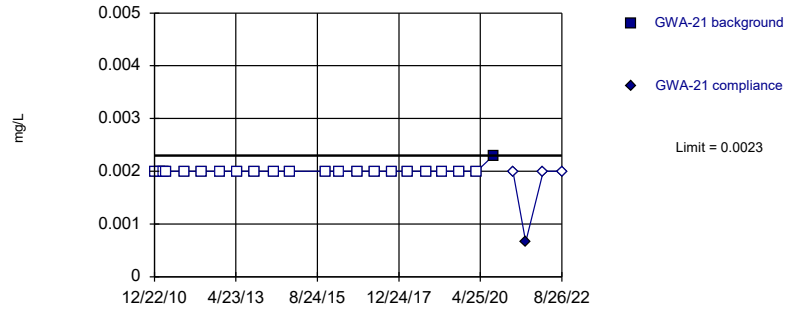


Background Data Summary: Mean=0.008139, Std. Dev.=0.003861, n=28, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9273, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Cobalt, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

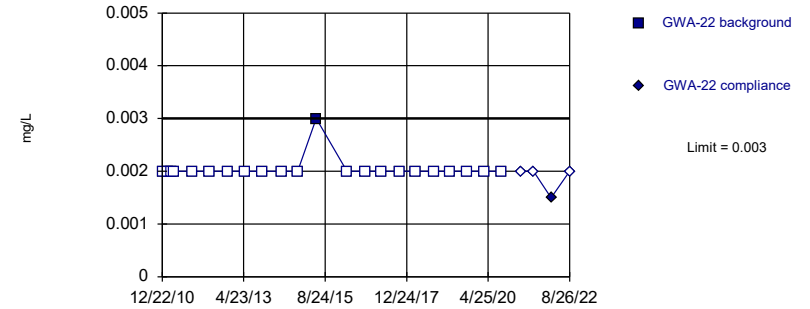


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

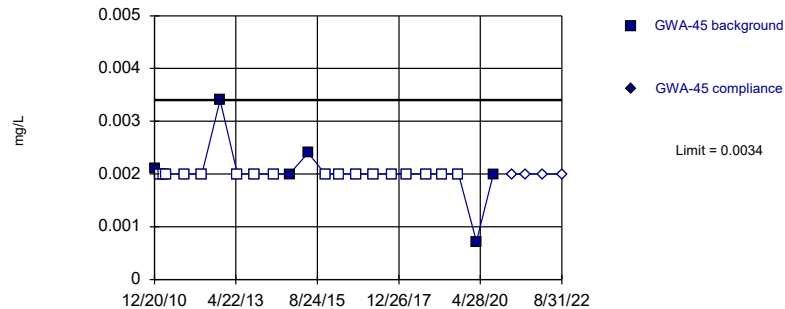


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

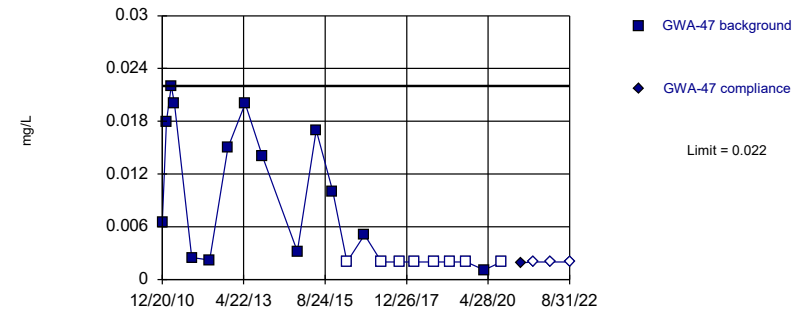


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

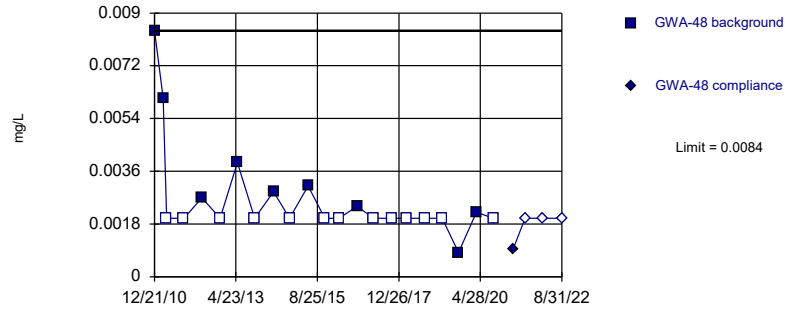


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 36.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

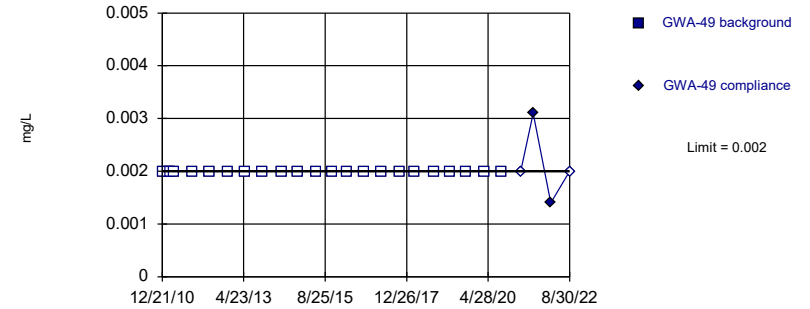


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

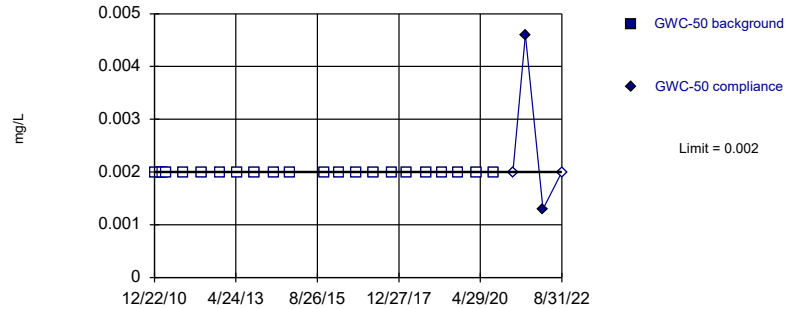


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

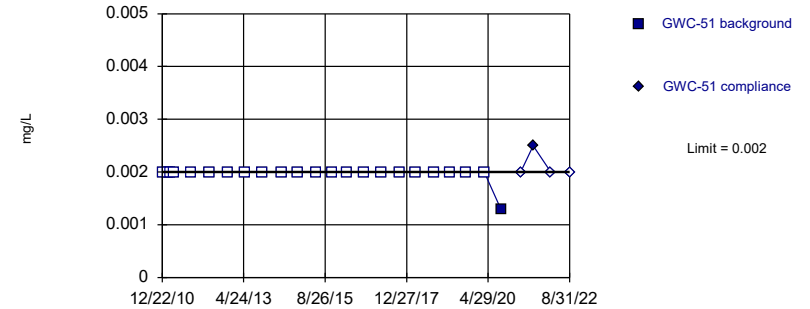


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



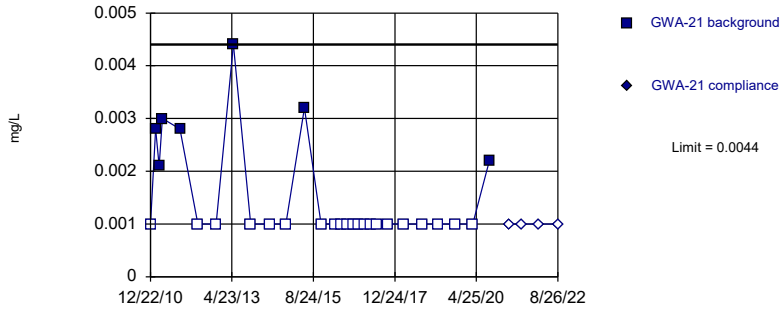
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



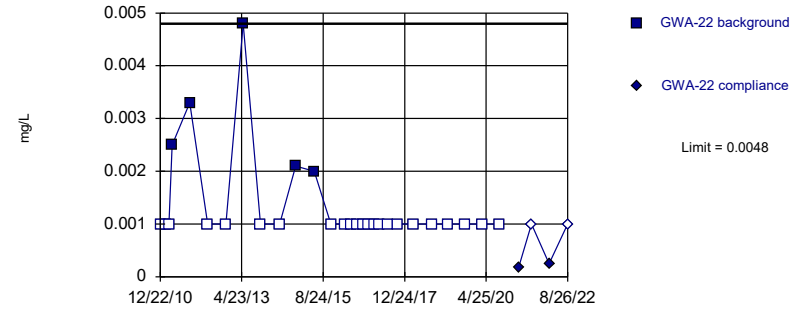
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



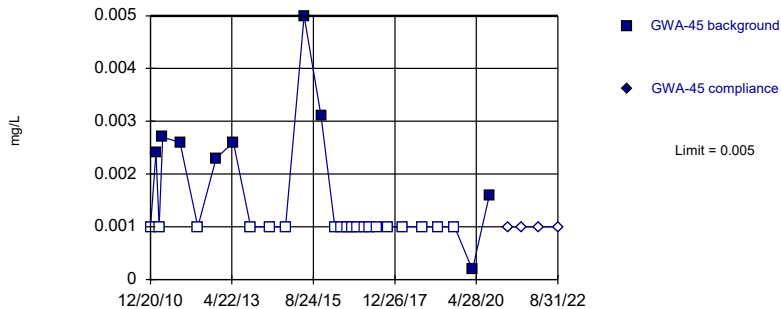
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



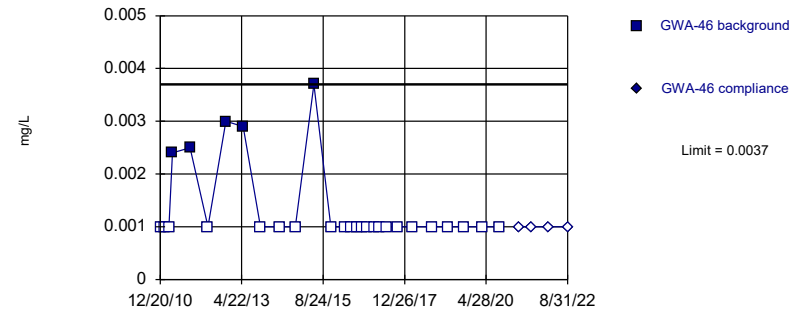
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



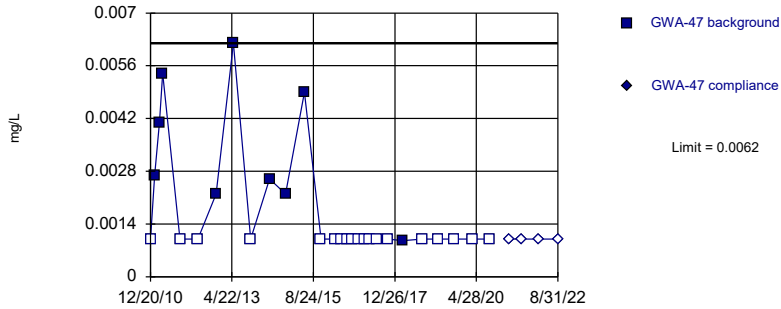
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



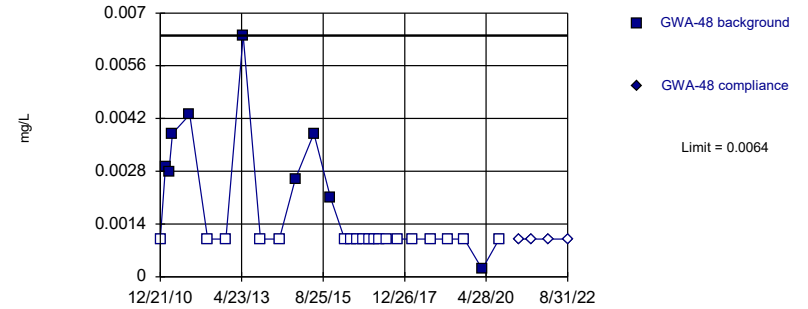
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



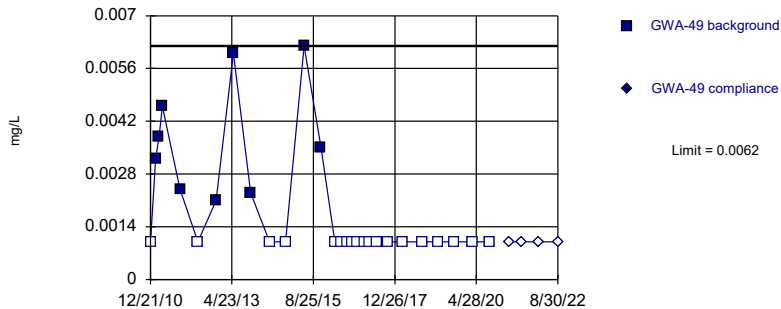
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



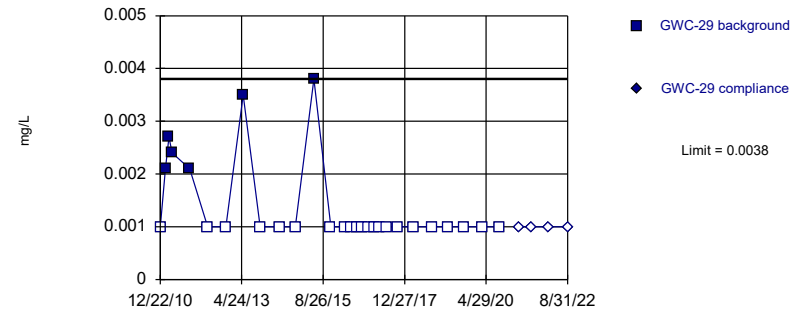
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



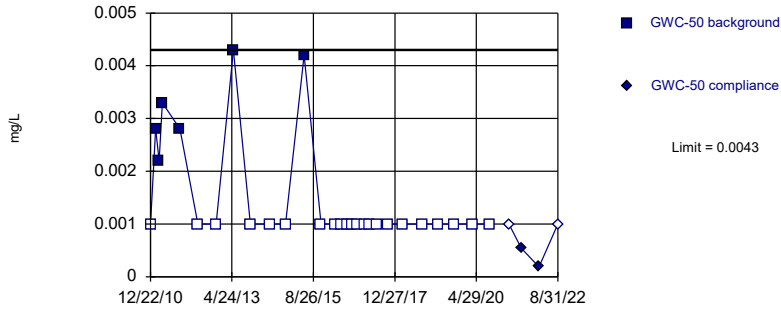
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



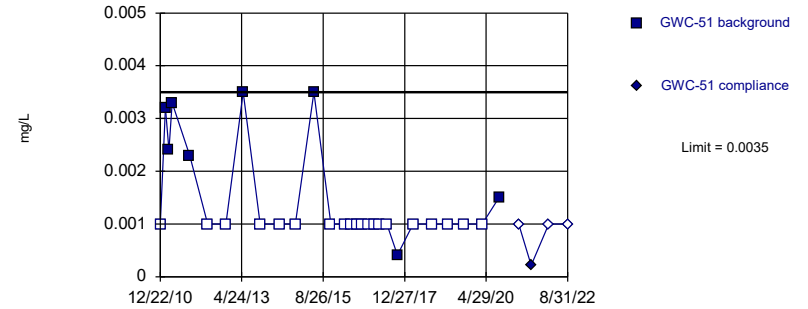
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



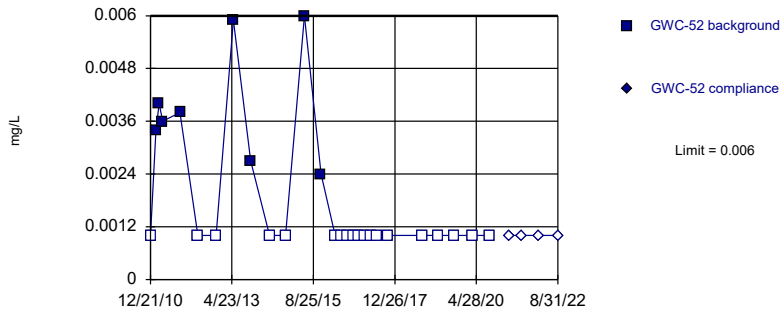
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



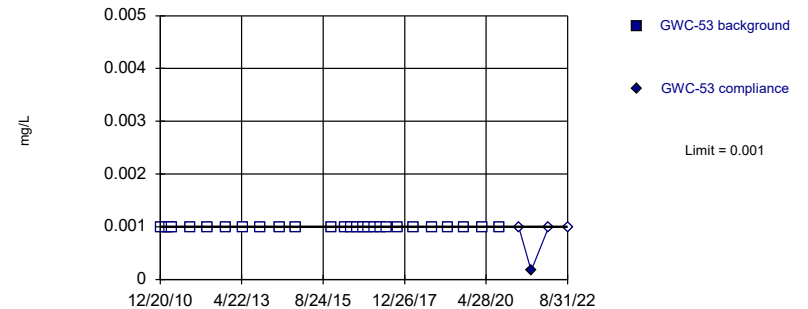
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 70.37% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Lead, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



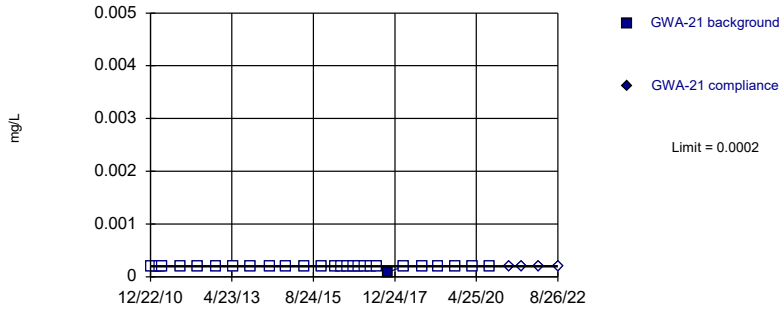
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 27) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Lead, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



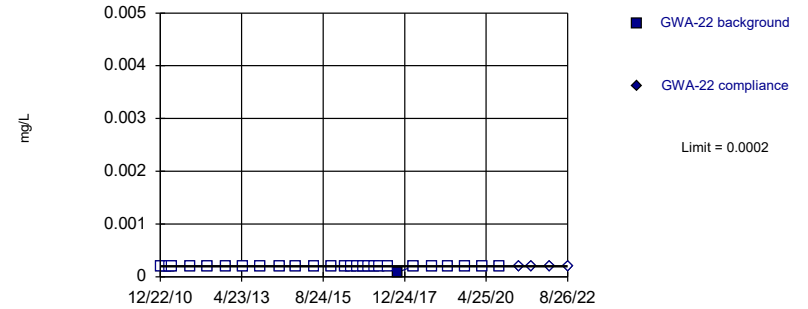
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



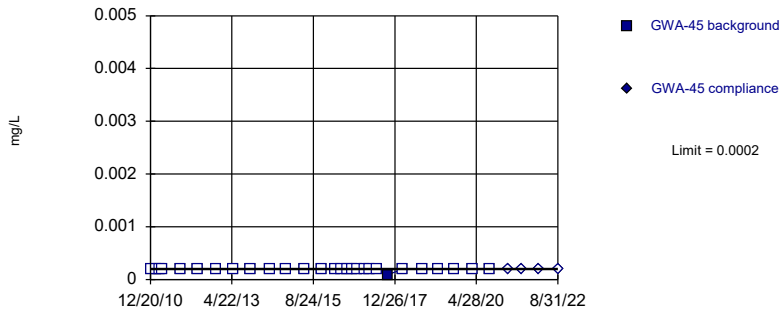
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



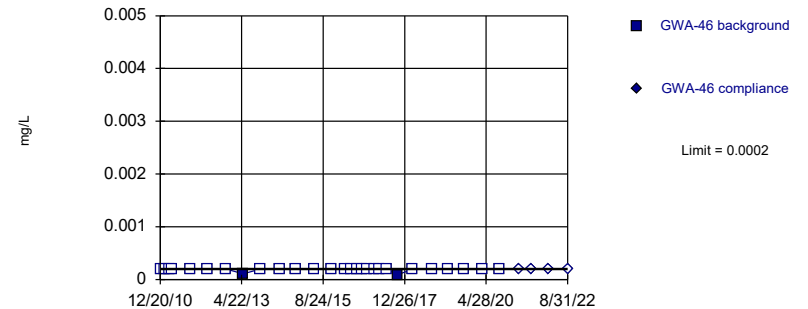
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



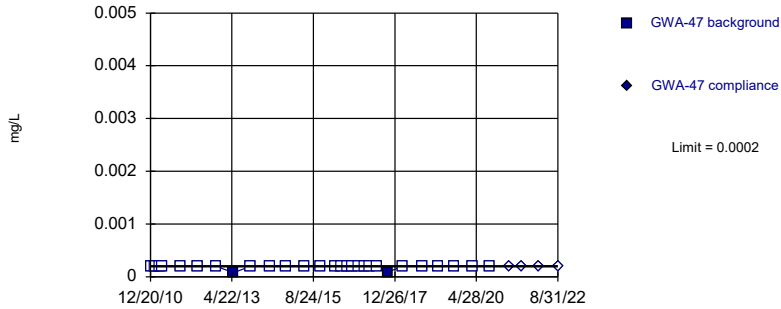
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



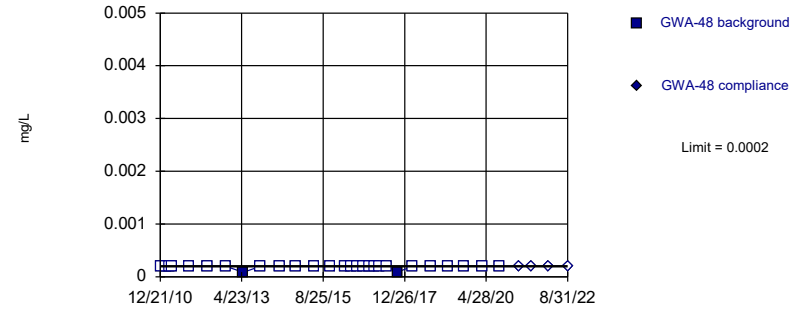
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



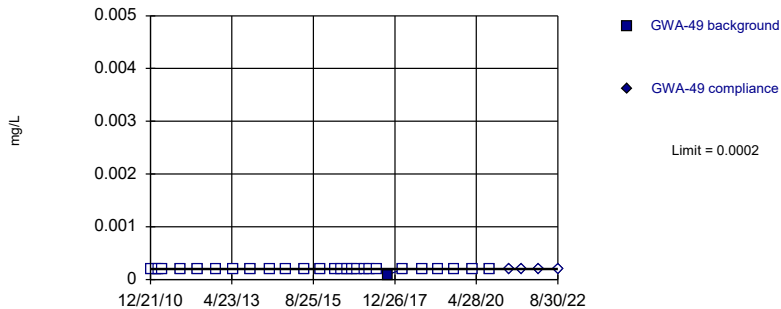
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



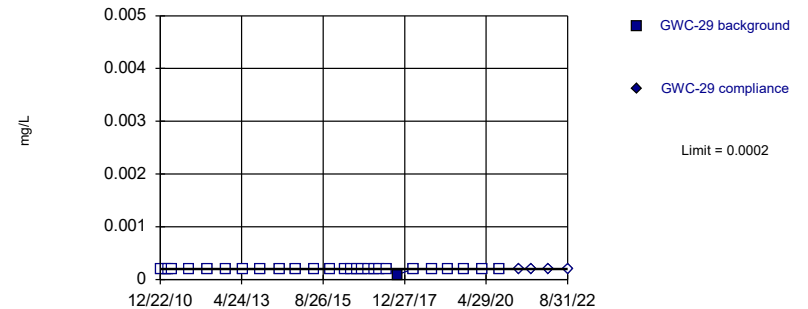
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

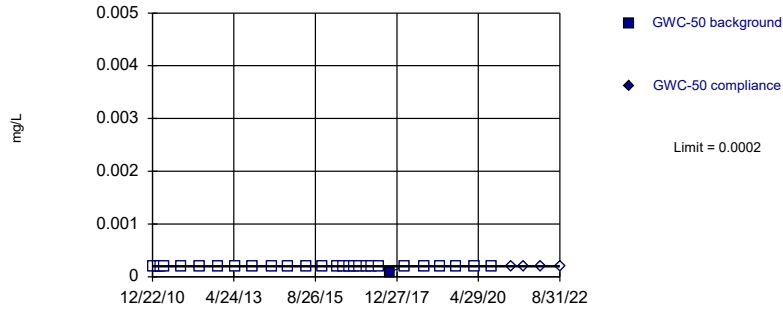


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

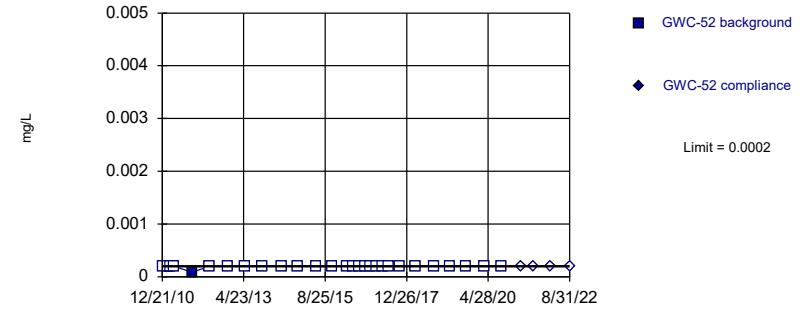


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

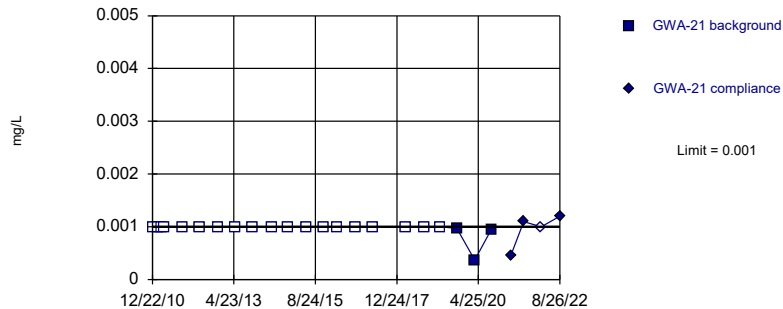


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

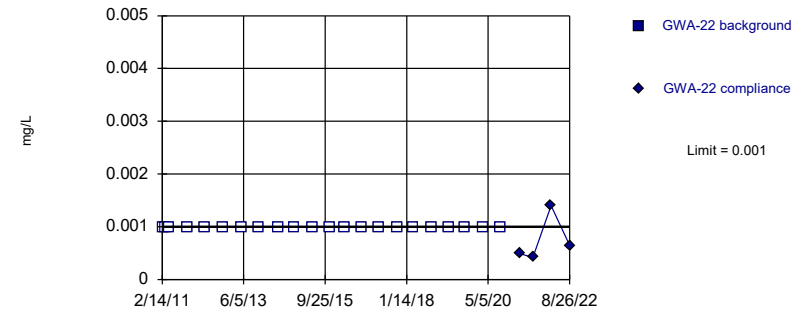


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Nickel, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



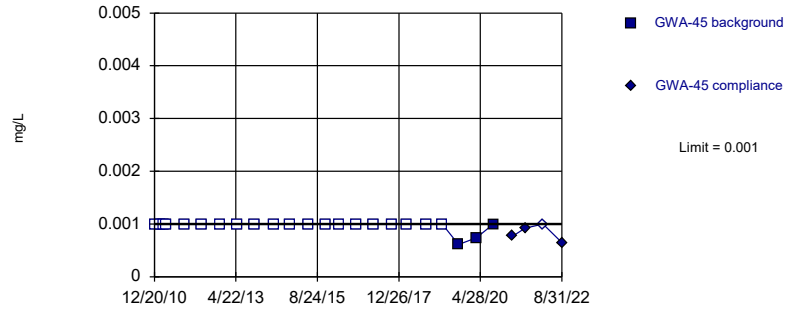
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Nickel, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



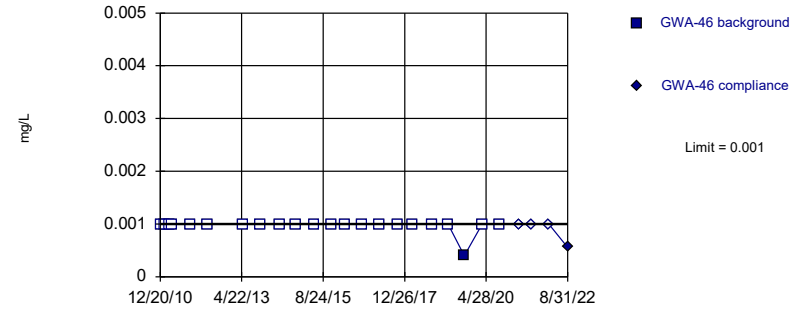
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



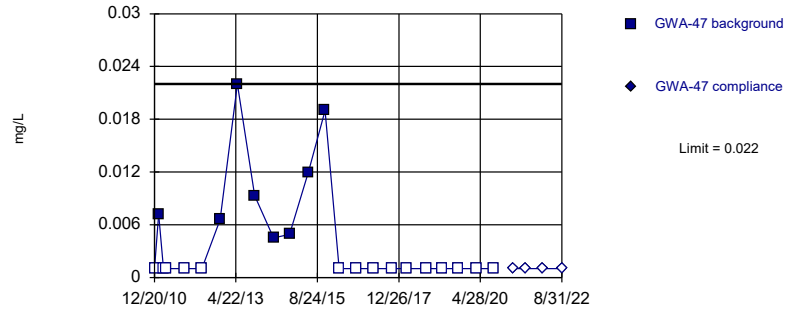
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Nickel, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



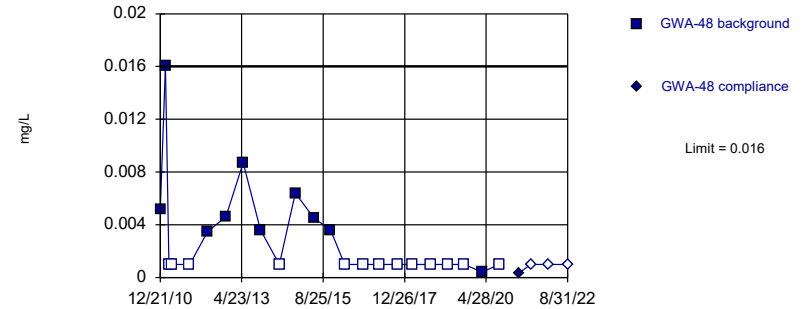
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



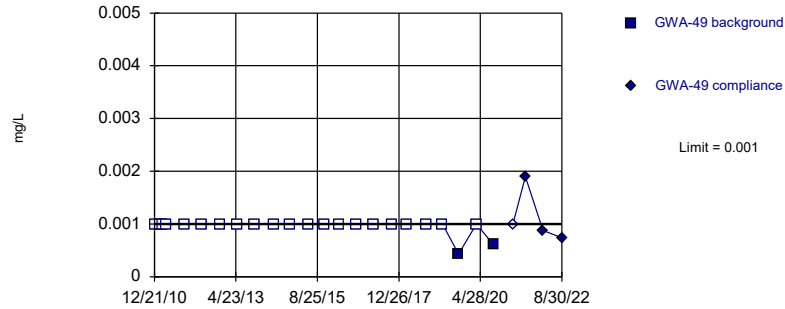
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



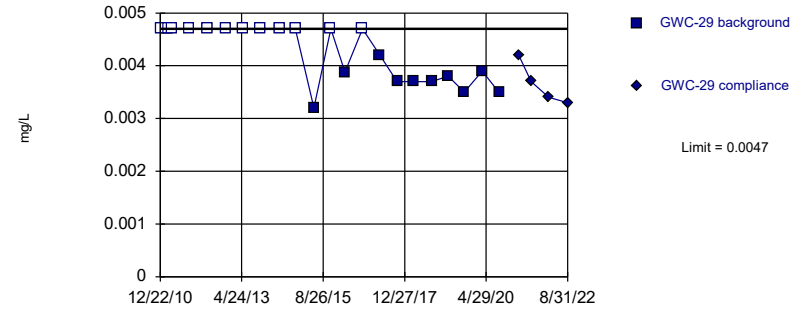
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 12/1/2022 9:14 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



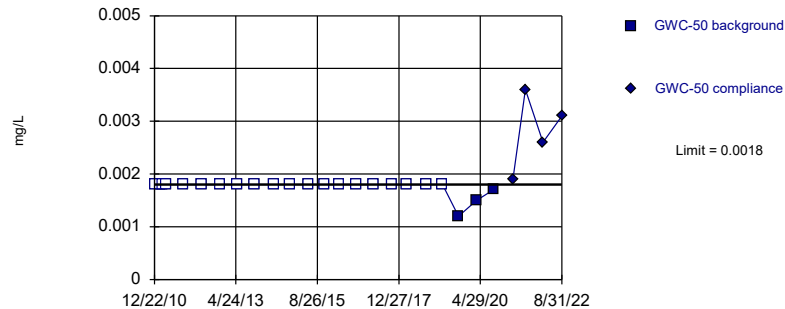
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



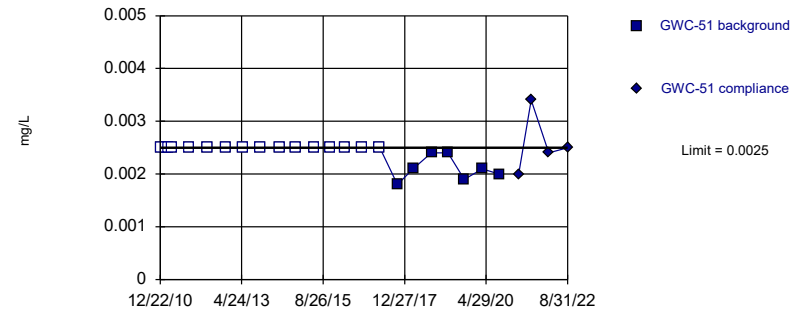
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

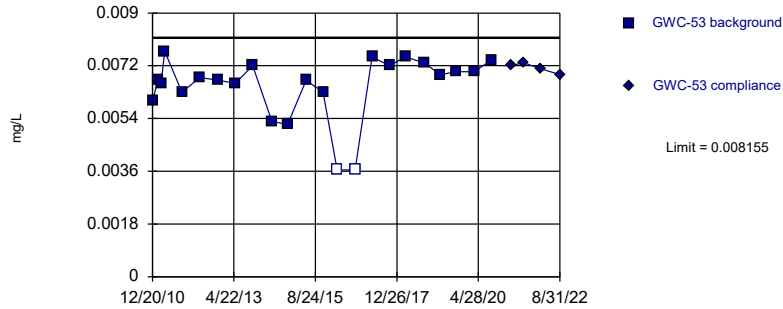


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

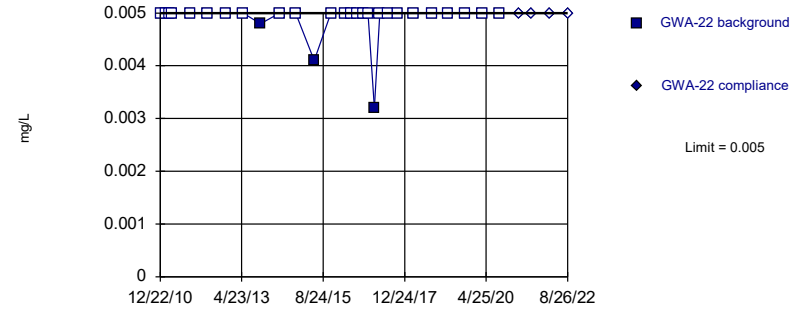


Background Data Summary (based on cube transformation): Mean=2.9e-7, Std. Dev.=1.1e-7, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.923, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Nickel, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

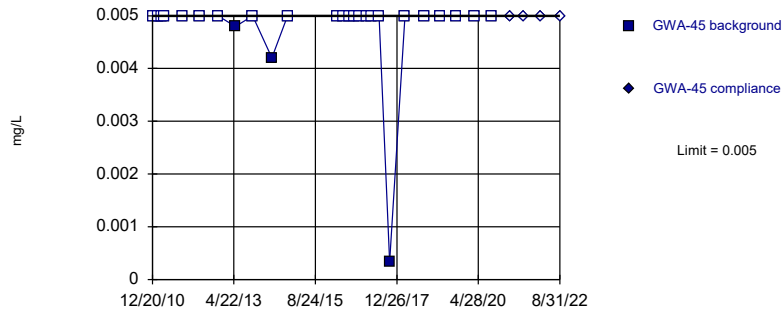


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

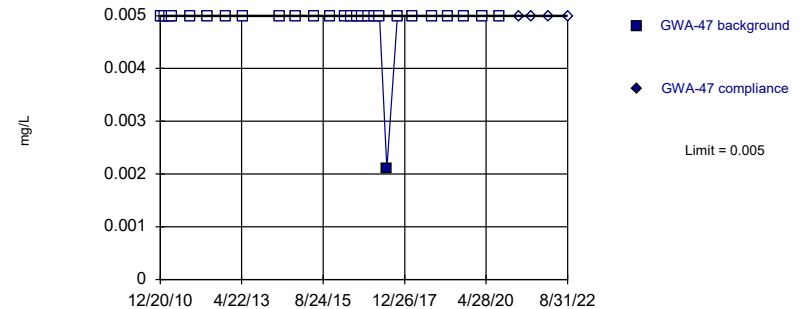


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



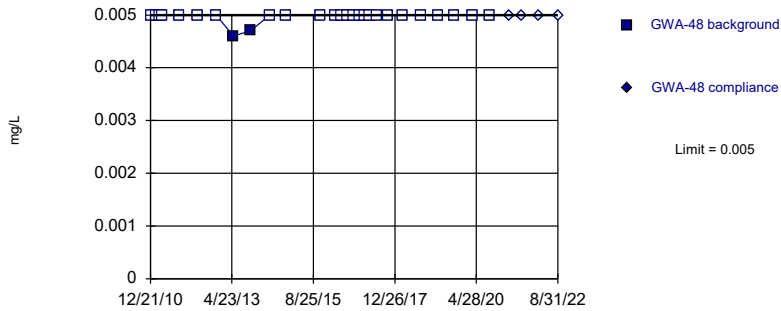
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



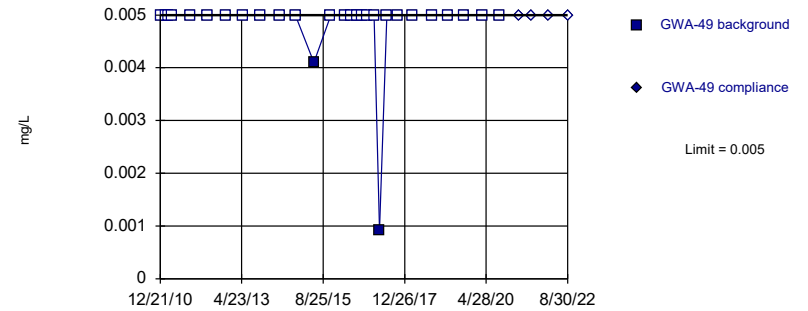
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



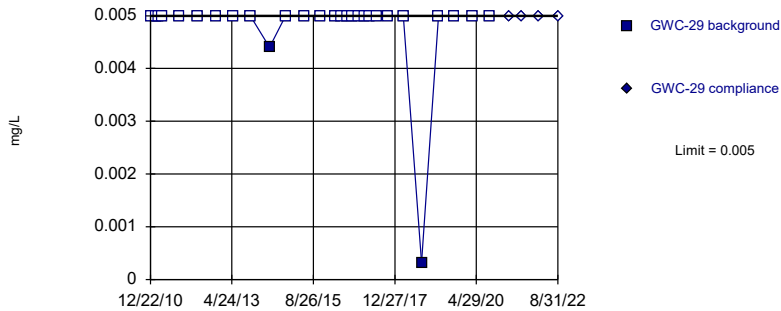
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



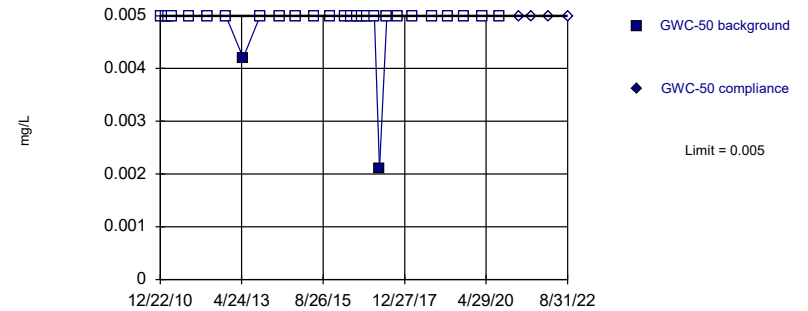
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



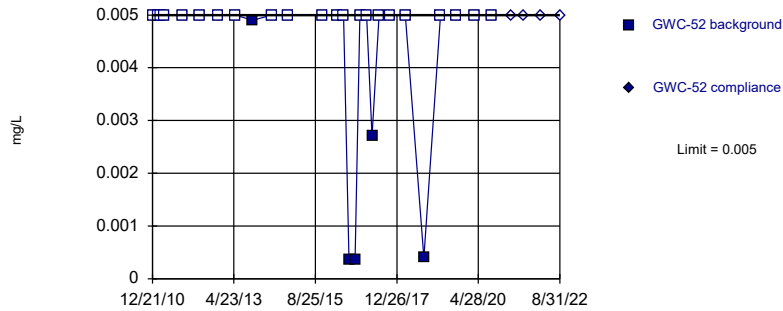
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



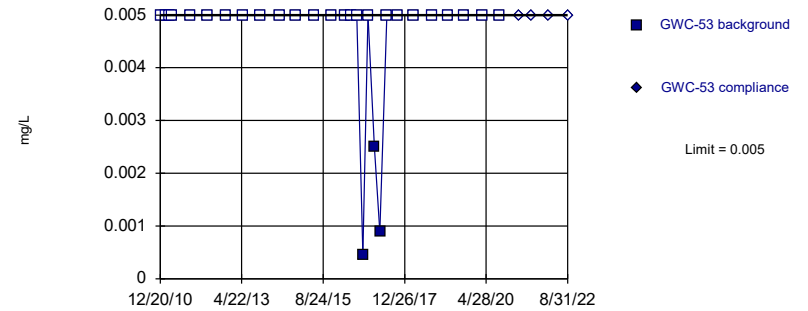
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 81.48% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



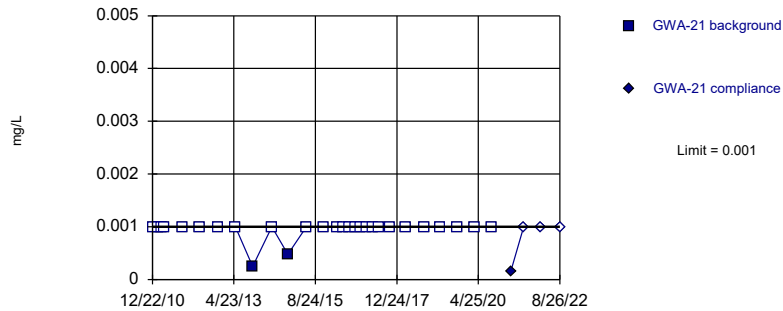
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



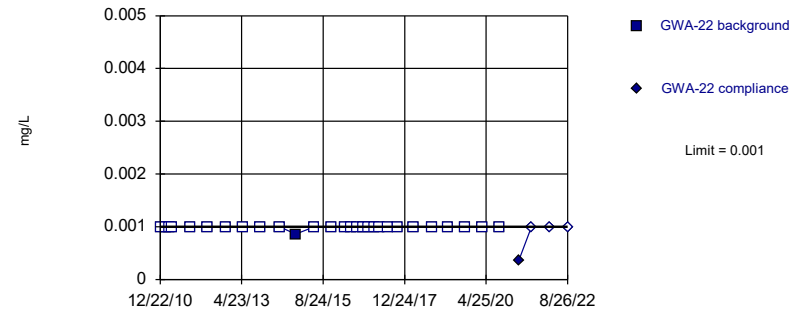
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

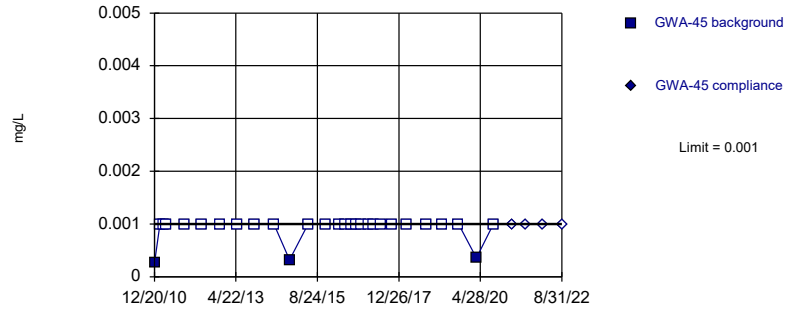


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

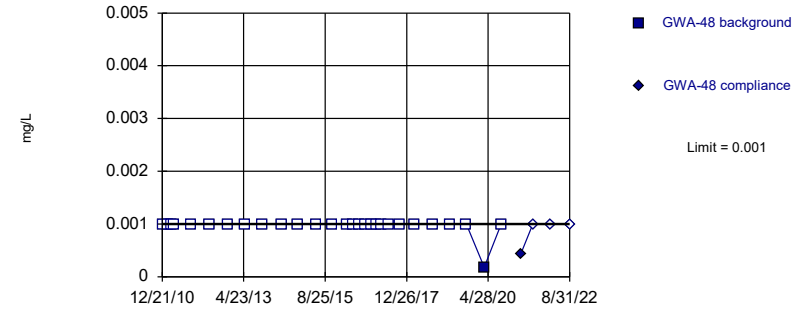


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

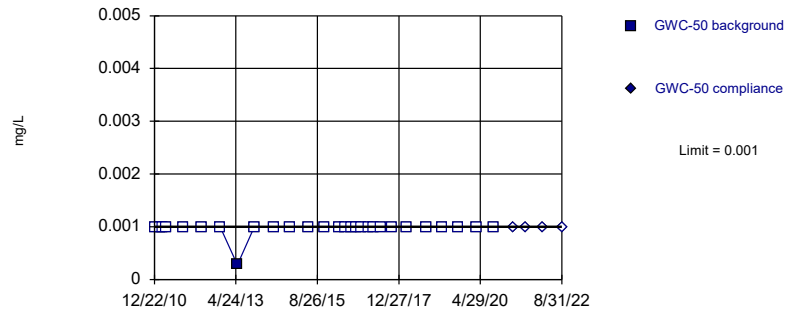


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

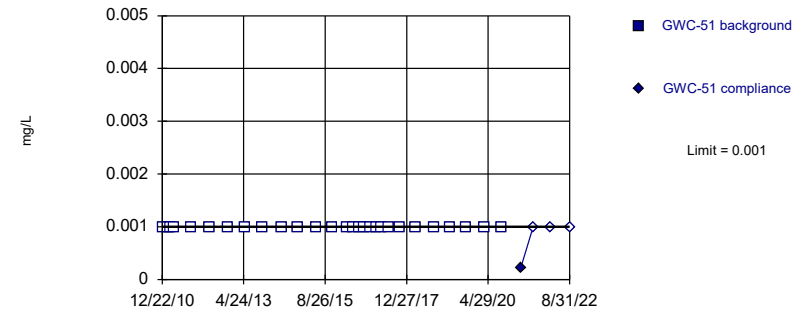


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

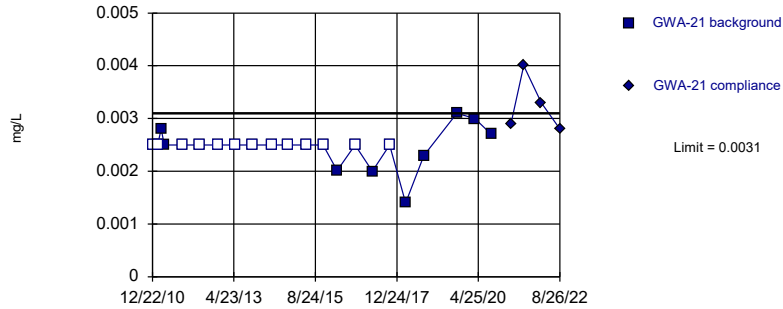


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

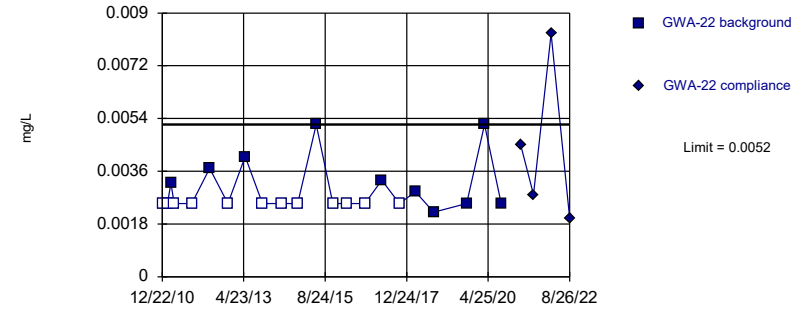


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Vanadium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

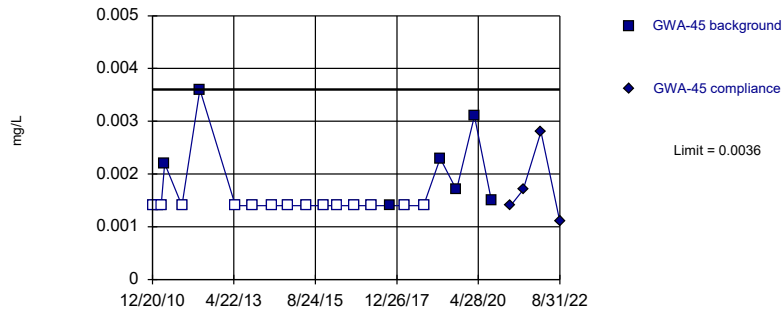


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Vanadium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

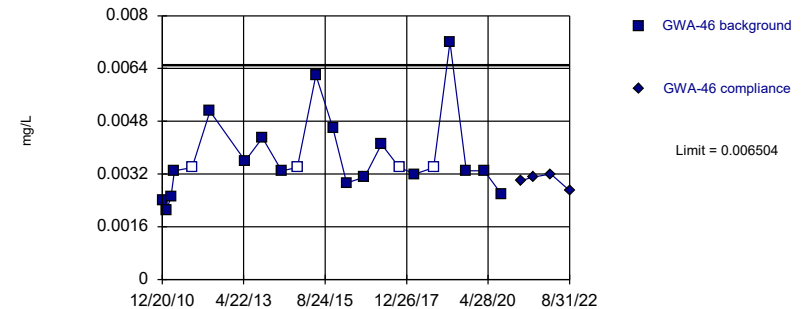


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Vanadium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

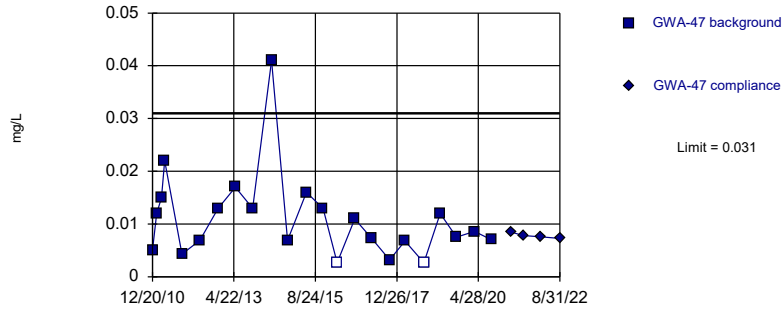


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05801, Std. Dev.=0.01008, n=22, 18.18% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8906, critical = 0.878. Kappa = 2.244 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

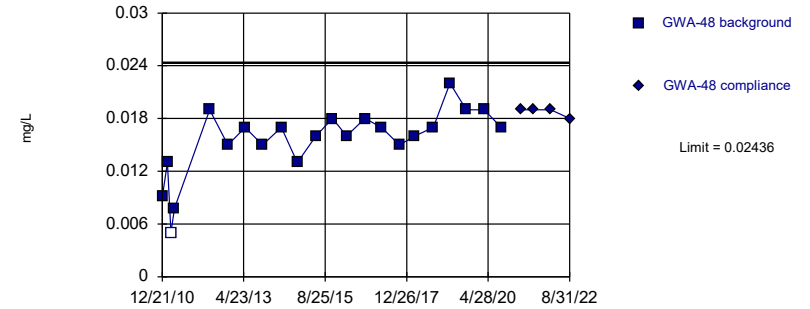


Background Data Summary (based on square root transformation): Mean=0.09955, Std. Dev.=0.03434, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9206, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

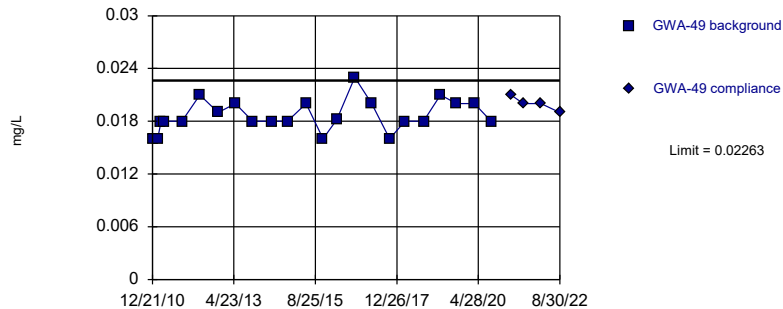


Background Data Summary: Mean=0.0155, Std. Dev.=0.003948, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8824, critical = 0.878. Kappa = 2.244 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

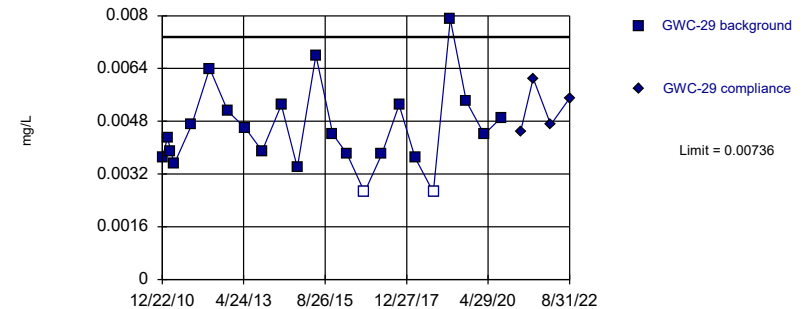


Background Data Summary: Mean=0.01862, Std. Dev.=0.0018, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

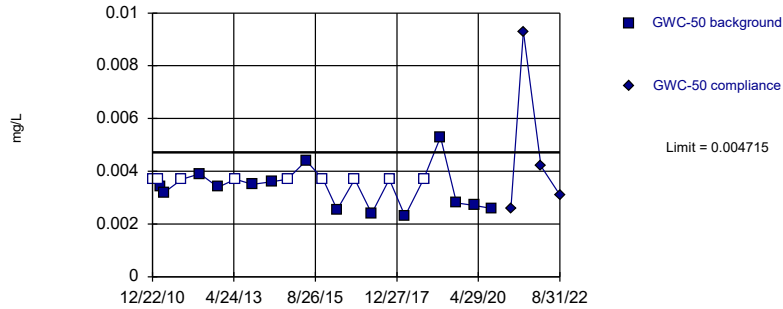


Background Data Summary: Mean=0.004544, Std. Dev.=0.001264, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9335, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

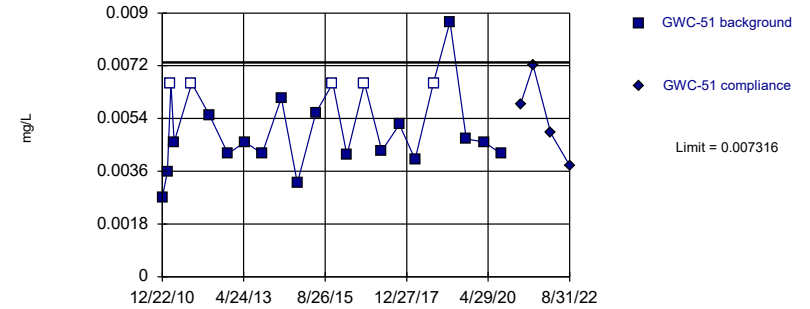


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003096, Std. Dev.=0.0007265, n=23, 39.13% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8898, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

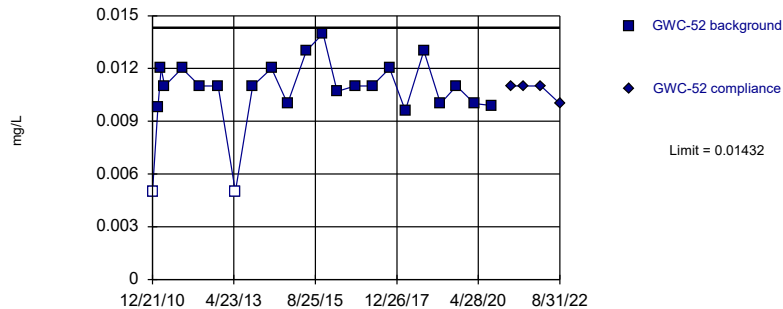


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004446, Std. Dev.=0.001288, n=23, 21.74% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.939, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

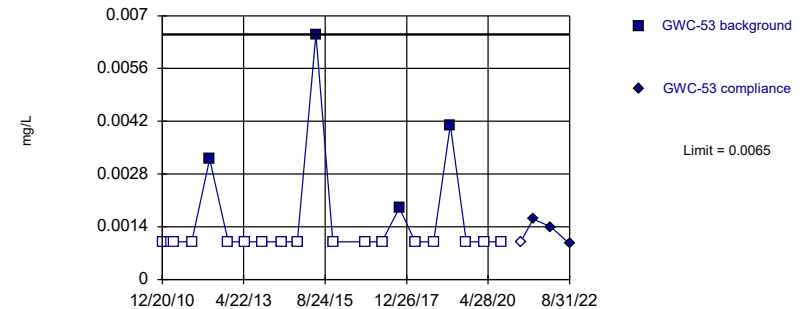


Background Data Summary (based on square transformation): Mean=0.0001177, Std. Dev.=0.00003924, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9047, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



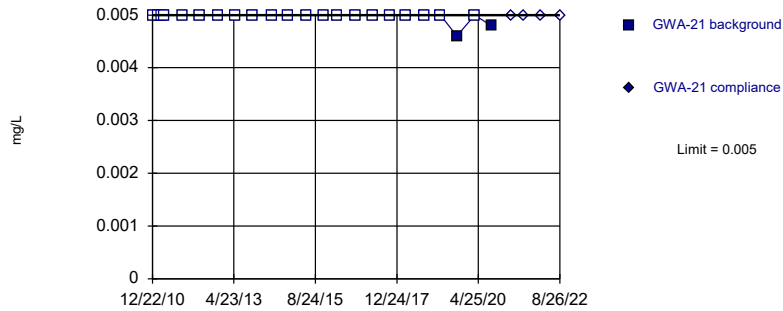
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Vanadium, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



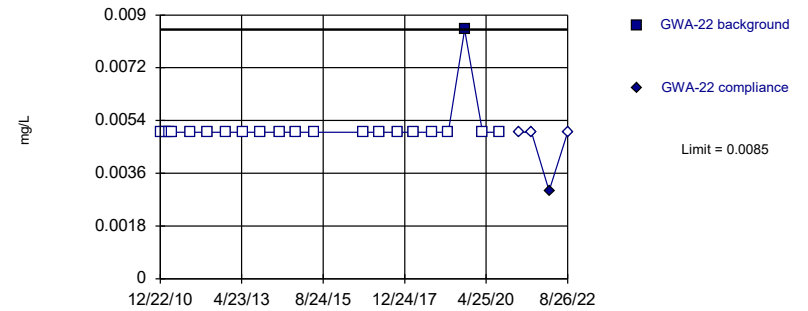
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



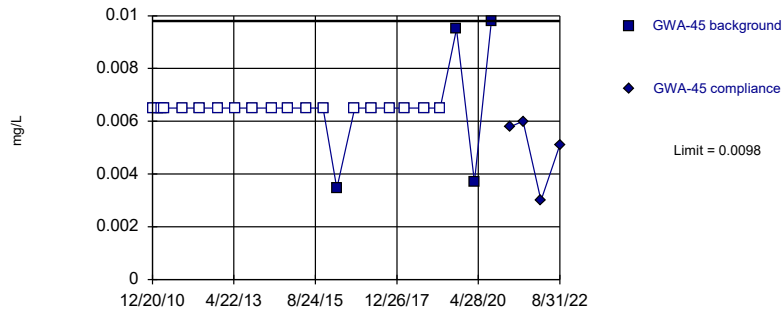
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



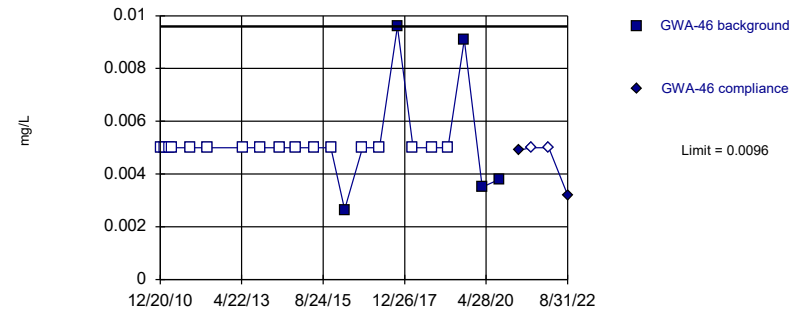
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



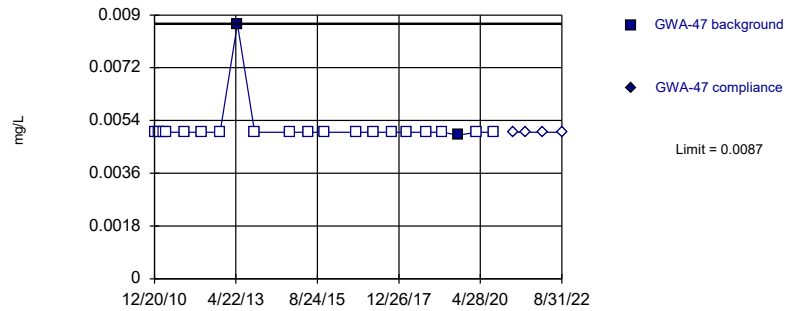
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 77.27% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Zinc, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



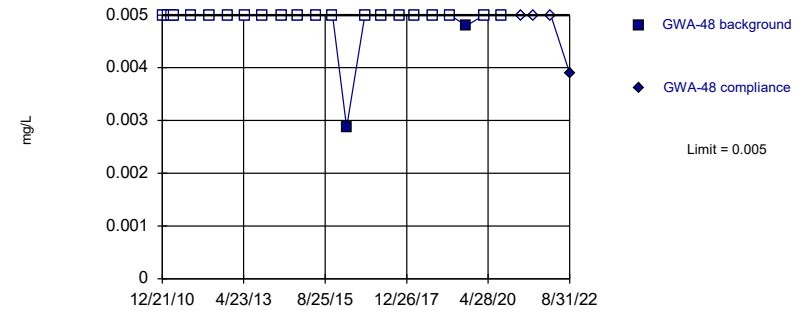
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



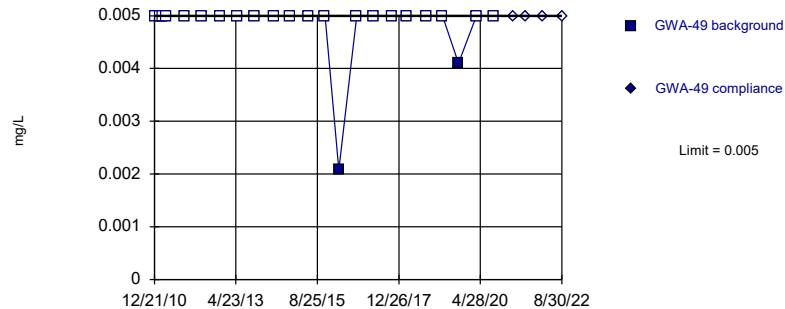
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



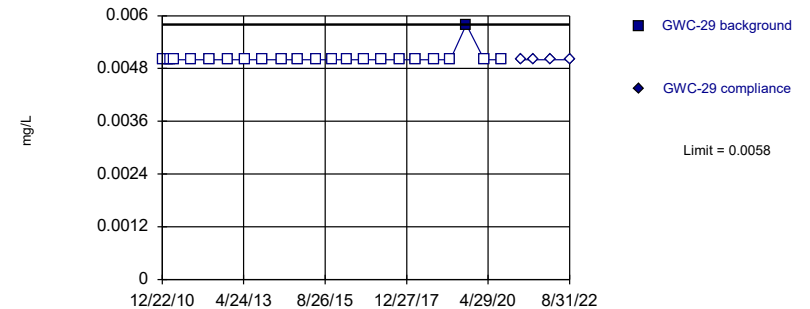
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

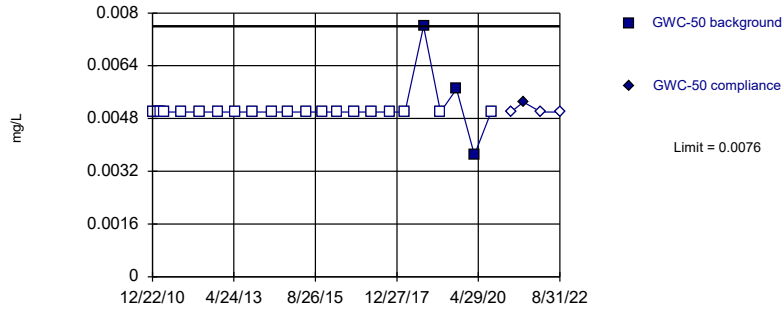


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

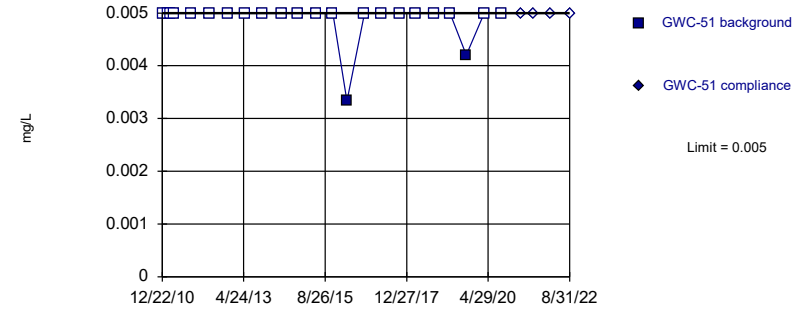


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

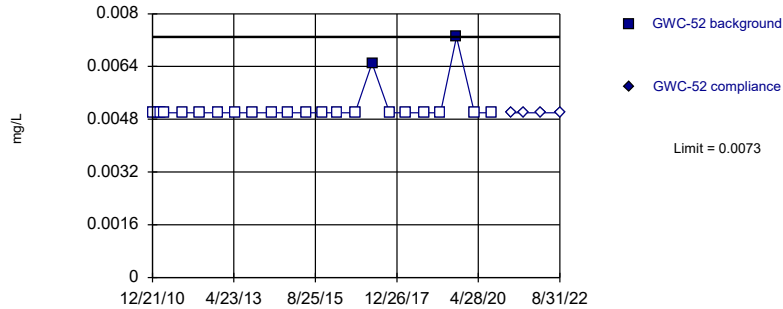


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

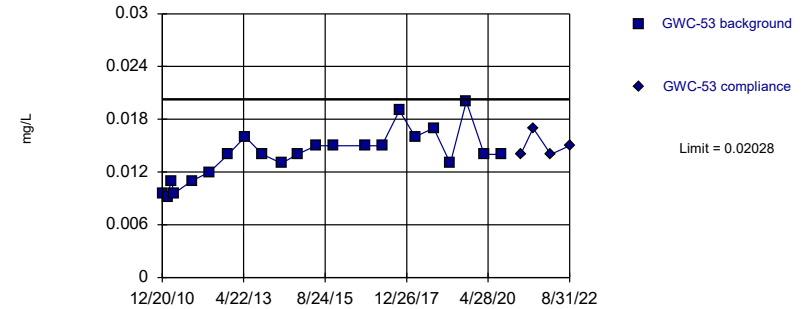


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01392, Std. Dev.=0.002833, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.958, critical = 0.878. Kappa = 2.244 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Zinc, Total Analysis Run 12/1/2022 9:15 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	0.0015	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/2/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		0.00031 (J)
8/12/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	0.00053	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001
8/30/2022		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	0.0013	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	0.00052	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	0.0011	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	0.026 (J)	
2/14/2011	0.022 (J)	
3/22/2011	0.02 (J)	
4/26/2011	0.019 (J)	
10/27/2011	0.021	
5/1/2012	0.017	
11/8/2012	0.023	
5/7/2013	0.021	
11/4/2013	0.018	
5/24/2014	0.022	
11/8/2014	0.02	
5/21/2015	0.022	
11/13/2015	0.025	
4/6/2016	0.0239	
6/14/2016	0.021	
8/10/2016	0.019	
10/11/2016	0.02	
12/2/2016	0.022	
2/10/2017	0.03	
4/10/2017	0.025	
6/23/2017	0.026	
10/9/2017	0.025	
3/26/2018	0.026	
10/3/2018	0.00049 (O)	
3/27/2019	0.024	
9/12/2019	0.025	
3/19/2020	0.027	
9/10/2020	0.023	
4/2/2021		0.02
8/12/2021		0.023
2/14/2022		0.024
8/26/2022		0.026

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.028 (J)	
2/14/2011	0.025 (J)	
3/22/2011	0.029 (J)	
4/26/2011	0.031 (J)	
10/27/2011	0.027	
5/1/2012	0.022	
11/8/2012	0.024	
5/7/2013	0.027	
11/4/2013	0.024	
5/24/2014	0.025	
11/8/2014	0.023	
5/21/2015	0.023	
11/13/2015	0.023	
4/8/2016	0.0244	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.022	
12/5/2016	0.025	
2/10/2017	0.026	
4/7/2017	0.021	
6/26/2017	0.028	
10/9/2017	0.021	
3/26/2018	0.022 (D)	
10/3/2018	0.022	
3/27/2019	0.022	
9/12/2019	0.023	
3/19/2020	0.024	
9/10/2020	0.022	
4/2/2021		0.023
8/12/2021		0.024
2/15/2022		0.032
8/26/2022		0.021

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.024 (J)	
2/14/2011	0.023 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.019 (J)	
10/26/2011	0.023	
5/1/2012	0.014	
11/8/2012	0.034	
5/8/2013	0.016	
11/4/2013	0.014	
5/24/2014	0.027	
11/7/2014	0.03	
5/20/2015	0.029	
11/13/2015	0.041	
4/7/2016	0.0381	
6/14/2016	0.034	
8/9/2016	0.032	
10/10/2016	0.037	
12/2/2016	0.038	
2/9/2017	0.048	
4/7/2017	0.045	
6/22/2017	0.049	
10/10/2017	0.044	
3/22/2018	0.0495 (D)	
10/3/2018	0.042	
3/27/2019		0.057
9/12/2019	0.1 (L)	
12/2/2019	0.11 (RL)	
3/19/2020	0.11 (L)	
9/11/2020	0.15 (L)	
4/2/2021		0.11 (L)
8/12/2021		0.091
2/14/2022		0.077
8/31/2022		0.065

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	0.019 (J)	
2/1/2011	0.017 (J)	
3/21/2011	0.019 (J)	
4/26/2011	0.02 (J)	
10/27/2011	0.018	
5/2/2012	0.017	
11/8/2012	0.048 (O)	
5/7/2013	0.02	
11/4/2013	0.019	
5/24/2014	0.019	
11/7/2014	0.019	
5/20/2015	0.018	
11/13/2015	0.02	
4/7/2016	0.0207	
6/14/2016	0.019	
8/9/2016	0.017	
10/10/2016	0.02	
12/2/2016	0.02	
2/10/2017	0.018	
4/7/2017	0.02	
6/23/2017	0.021	
10/10/2017	0.018	
3/23/2018	0.02	
10/4/2018	0.019	
3/27/2019	0.021	
9/12/2019	0.022	
3/19/2020	0.023	
9/11/2020	0.022	
4/5/2021		0.022
8/12/2021		0.023
2/14/2022		0.024
8/31/2022		0.022

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.029 (J)	
2/1/2011	0.038 (J)	
3/23/2011	0.045 (J)	
4/27/2011	0.043 (J)	
10/26/2011	0.023	
5/1/2012	0.021	
11/8/2012	0.038	
5/7/2013	0.042	
11/5/2013	0.039	
5/23/2014	0.088 (O)	
11/7/2014	0.027	
5/21/2015	0.036	
11/12/2015	0.038	
4/8/2016	0.0261	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.03	
12/5/2016	0.026	
2/10/2017	0.023	
4/7/2017	0.024	
6/22/2017	0.025	
10/10/2017	0.022	
3/22/2018	0.024	
10/5/2018	0.026	
3/27/2019	0.026	
9/12/2019	0.028	
3/20/2020	0.029	
9/11/2020	0.026	
4/5/2021		0.028
8/13/2021		0.026
2/14/2022		0.029
8/31/2022		0.031

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.055 (O)	
2/14/2011	0.05 (O)	
3/23/2011	0.031 (J)	
4/27/2011	0.015 (J)	
10/25/2011	0.02	
5/1/2012	0.017	
11/8/2012	0.012	
5/7/2013	0.022	
11/5/2013	0.012	
5/23/2014	0.02	
11/7/2014	0.012	
5/21/2015	0.011	
11/12/2015	0.012	
4/7/2016	0.0116	
6/17/2016	0.012	
8/10/2016	0.012	
10/14/2016	0.016	
12/19/2016	0.012	
2/13/2017	0.017	
4/7/2017	0.011	
6/22/2017	0.014	
10/10/2017	0.012	
3/23/2018	0.012	
10/3/2018	0.012	
3/27/2019	0.013	
9/12/2019	0.016	
3/19/2020	0.02	
9/11/2020	0.013	
4/5/2021		0.015
8/12/2021		0.013
2/14/2022		0.014
8/31/2022		0.016

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	0.021 (J)	
2/14/2011	0.021 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.021 (J)	
10/26/2011	0.019	
5/2/2012	0.018	
11/8/2012	0.018	
5/8/2013	0.017	
11/5/2013	0.019	
5/23/2014	0.021	
11/7/2014	0.019	
5/21/2015	0.02	
11/12/2015	0.019	
4/7/2016	0.0201	
6/14/2016	0.017	
8/9/2016	0.017	
10/11/2016	0.02	
12/2/2016	0.02	
2/9/2017	0.018	
4/7/2017	0.018	
6/22/2017	0.02	
10/10/2017	0.02	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.019	
9/12/2019	0.022	
3/19/2020	0.02	
9/10/2020	0.02	
4/6/2021		0.02
8/12/2021		0.024
2/14/2022		0.022
8/30/2022		0.021

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	0.016 (J)	
2/15/2011	0.016 (J)	
3/22/2011	0.014 (J)	
4/27/2011	0.016 (J)	
10/26/2011	0.015	
5/2/2012	0.012	
11/8/2012	0.015	
5/8/2013	0.014	
11/4/2013	0.016	
5/24/2014	0.015	
11/7/2014	0.016	
5/22/2015	0.015	
11/13/2015	0.016	
4/11/2016	0.0167	
6/15/2016	0.015	
8/10/2016	0.015	
10/11/2016	0.017	
12/5/2016	0.017	
2/13/2017	0.016	
4/10/2017	0.015	
6/23/2017	0.017	
10/10/2017	0.016	
3/26/2018	0.015	
10/4/2018	0.018	
3/28/2019	0.017	
9/12/2019	0.019	
3/19/2020	0.019	
9/10/2020	0.02	
4/6/2021		0.018
8/13/2021		0.021
2/14/2022		0.02
8/31/2022		0.025

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (J)	
10/26/2011	0.013	
5/2/2012	0.0084 (J)	
11/8/2012	0.012	
5/8/2013	0.013	
11/4/2013	0.012	
5/24/2014	0.012	
11/8/2014	0.01	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.0132	
6/15/2016	0.011	
8/10/2016	0.012	
10/11/2016	0.012	
12/2/2016	0.012	
2/13/2017	0.013	
4/7/2017	0.01	
6/22/2017	0.012	
10/10/2017	0.011	
3/23/2018	0.011	
10/4/2018	0.012	
3/28/2019	0.012	
9/12/2019	0.013	
3/19/2020	0.013	
9/10/2020	0.013	
4/6/2021		0.013
8/13/2021		0.029
2/14/2022		0.018
8/31/2022		0.015

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (J)	
10/26/2011	0.0099 (J)	
5/2/2012	0.0085 (J)	
11/8/2012	<0.01	
5/8/2013	0.0094 (J)	
11/4/2013	0.0094 (J)	
5/24/2014	0.0094 (J)	
11/7/2014	0.0094 (J)	
5/22/2015	0.0092 (J)	
11/13/2015	0.0095 (J)	
4/11/2016	0.0105	
6/16/2016	0.0089 (J)	
8/10/2016	0.0082	
10/13/2016	0.0088	
12/5/2016	0.01	
2/13/2017	0.0097	
4/10/2017	0.0082	
6/23/2017	0.01	
10/11/2017	0.0092	
3/26/2018	0.0094	
10/4/2018	0.0093	
3/27/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.011	
9/11/2020	0.01	
4/5/2021		0.01
8/13/2021		0.019
2/15/2022		0.011
8/31/2022		0.011

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	0.01 (J)	
2/15/2011	0.0086 (J)	
3/21/2011	0.009 (J)	
4/28/2011	0.012 (J)	
10/26/2011	0.0093 (J)	
5/1/2012	0.0048 (J)	
11/9/2012	0.0091 (J)	
5/8/2013	0.0096 (J)	
11/4/2013	0.012	
5/24/2014	0.011	
11/7/2014	0.011	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.012	
6/16/2016	0.011	
8/11/2016	0.012	
10/13/2016	0.012	
12/5/2016	0.013	
2/13/2017	0.012	
4/11/2017	0.012	
6/24/2017	0.013	
10/11/2017	0.012	
3/26/2018	0.013	
10/4/2018	0.013	
3/28/2019	0.014	
9/12/2019	0.017	
3/19/2020	0.018	
9/11/2020	0.017	
4/5/2021		0.019
8/17/2021		0.02
2/14/2022		0.021
8/31/2022		0.022

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.11	
2/14/2011	<0.1	
3/21/2011	<0.1	
4/27/2011	0.091 (J)	
10/26/2011	0.1	
5/1/2012	0.095	
11/9/2012	0.093	
5/8/2013	0.077	
11/4/2013	0.083	
5/24/2014	0.07	
11/7/2014	0.065	
5/20/2015	0.058	
11/13/2015	0.058	
4/8/2016	0.0619	
6/16/2016	0.052	
8/11/2016	0.044	
10/13/2016	0.049	
12/6/2016	0.047	
2/13/2017	0.05	
4/11/2017	0.053	
6/24/2017	0.054	
10/11/2017	0.05	
3/26/2018	0.05	
10/4/2018	0.042	
3/28/2019	0.045	
9/12/2019	0.043	
3/19/2020	0.047	
9/11/2020	0.044	
4/6/2021		0.041
8/13/2021		0.038
2/14/2022		0.042
8/31/2022		0.036

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/26/2017	<0.0025	
10/9/2017	<0.0025	
3/26/2018	<0.0025 (D)	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/2/2021		0.00019 (J)
8/12/2021		<0.0025
2/15/2022		<0.0025
8/26/2022		<0.0025

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	2E-05 (J)	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021		<0.0025
8/13/2021		<0.0025
2/15/2022		<0.0025
8/31/2022		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	0.0016	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021		<0.0025
8/13/2021		<0.0025
2/14/2022		<0.0025
8/31/2022		<0.0025

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	7.4E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021		<0.0025
8/13/2021		<0.0025
2/14/2022		<0.0025
8/31/2022		<0.0025

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	0.0052	
2/14/2011	0.0057	
3/22/2011	0.0055	
4/26/2011	0.0069	
10/27/2011	0.011	
5/1/2012	0.0056	
11/8/2012	<0.01	
5/7/2013	0.0036 (J)	
11/4/2013	0.0032 (J)	
5/24/2014	0.0043 (J)	
11/8/2014	<0.01	
5/21/2015	0.002 (J)	
11/13/2015	<0.01	
4/6/2016	0.00278 (J)	
6/14/2016	<0.01	
8/10/2016	0.0019 (J)	
10/11/2016	0.0024 (J)	
12/2/2016	0.0023 (J)	
2/10/2017	0.0021 (J)	
4/10/2017	0.002 (J)	
6/23/2017	0.0018 (J)	
10/9/2017	0.0016 (J)	
3/26/2018	0.0011 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	0.003	
9/12/2019	0.0047	
3/19/2020	0.0026	
9/10/2020	0.0019 (J)	
4/2/2021		0.0029
8/12/2021		0.0016 (J)
2/14/2022		0.0026
8/26/2022		0.0016 (J)

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.0029 (J)	
2/14/2011	0.0027 (J)	
3/22/2011	0.0049 (J)	
4/26/2011	0.0048 (J)	
10/27/2011	0.0023 (J)	
5/1/2012	0.0051	
11/8/2012	0.0034 (J)	
5/7/2013	0.0078	
11/4/2013	0.0055 (J)	
5/24/2014	0.0075 (J)	
11/8/2014	0.0048 (J)	
5/21/2015	0.0082 (J)	
11/13/2015	0.0079 (J)	
4/8/2016	<0.01	
6/14/2016	<0.01	
8/9/2016	0.0079	
10/11/2016	0.0069	
12/5/2016	0.0077	
2/10/2017	0.0098	
4/7/2017	0.0081	
6/26/2017	0.0084	
10/9/2017	0.0082	
3/26/2018	0.0088	
10/3/2018	0.0086	
3/27/2019	0.0078	
9/12/2019	0.0092	
3/19/2020	0.011	
9/10/2020	0.0077	
4/2/2021		0.01
8/12/2021		0.008
2/15/2022		0.013
8/26/2022		0.0078

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	0.0036 (J)	
2/1/2011	0.0037 (J)	
3/21/2011	0.004 (J)	
4/26/2011	0.0037 (J)	
10/27/2011	0.0047 (J)	
5/2/2012	0.005 (J)	
11/8/2012	0.0081	
5/7/2013	0.0035 (J)	
11/4/2013	0.0056 (J)	
5/24/2014	0.005 (J)	
11/7/2014	0.004 (J)	
5/20/2015	0.0062 (J)	
11/13/2015	0.0067 (J)	
4/7/2016	0.00467 (J)	
6/14/2016	<0.01	
8/9/2016	0.0041	
10/10/2016	0.0041	
12/2/2016	0.0039	
2/10/2017	0.0044	
4/7/2017	0.0046	
6/23/2017	0.005	
10/10/2017	0.0088	
3/23/2018	0.0045	
10/4/2018	0.0047	
3/27/2019	0.0048	
9/12/2019	0.0051	
3/19/2020	0.0043	
9/11/2020	0.0042	
4/5/2021		0.0041
8/12/2021		0.0045
2/14/2022		0.0047
8/31/2022		0.0048

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0064	
2/1/2011	0.015	
3/23/2011	0.0084	
4/27/2011	0.011	
10/26/2011	0.0061	
5/1/2012	0.0072	
11/8/2012	0.015	
5/7/2013	0.044	
11/5/2013	0.023	
5/23/2014	0.022	
11/7/2014	0.013	
5/21/2015	0.029	
11/12/2015	0.045	
4/8/2016	<0.01	
6/14/2016	<0.01	
8/9/2016	0.008	
10/11/2016	0.0079	
12/5/2016	0.0057	
2/10/2017	0.0062	
4/7/2017	0.0072	
6/22/2017	0.0074	
10/10/2017	0.0072	
3/22/2018	0.0074	
10/5/2018	0.0083	
3/27/2019	0.0081	
9/12/2019	0.0088	
3/20/2020	0.0085	
9/11/2020	0.0081	
4/5/2021		0.0084
8/13/2021		0.0082
2/14/2022		0.0086
8/31/2022		0.0084

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0094	
2/14/2011	0.028	
3/23/2011	0.0042 (J)	
4/27/2011	<0.01	
10/25/2011	0.0062	
5/1/2012	0.011	
11/8/2012	0.0089	
5/7/2013	0.019	
11/5/2013	0.0057 (J)	
5/23/2014	0.0084 (J)	
11/7/2014	0.011	
5/21/2015	0.013	
11/12/2015	0.015	
4/7/2016	0.00498 (J)	
6/17/2016	<0.01	
8/10/2016	0.0047	
10/14/2016	0.0056	
12/19/2016	0.0039	
2/13/2017	0.0059	
4/7/2017	0.0051	
6/22/2017	0.005	
10/10/2017	0.005	
3/23/2018	0.005	
10/3/2018	0.0051	
3/27/2019	0.0051	
9/12/2019	0.0085	
3/19/2020	0.0063	
9/11/2020	0.0053	
4/5/2021		0.0061
8/12/2021		0.0058
2/14/2022		0.0058
8/31/2022		0.0059

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	0.0073	
2/14/2011	0.0051	
3/21/2011	0.0067	
4/26/2011	0.0065	
10/26/2011	0.0068	
5/2/2012	0.011	
11/8/2012	0.0052	
5/8/2013	0.0059	
11/5/2013	0.0044 (J)	
5/23/2014	0.0087 (J)	
11/7/2014	0.0048 (J)	
5/21/2015	0.006 (J)	
11/12/2015	0.007 (J)	
4/7/2016	0.0056 (J)	
6/14/2016	<0.01	
8/9/2016	0.0053	
10/11/2016	0.0058	
12/2/2016	0.0071	
2/9/2017	0.0051	
4/7/2017	0.006	
6/22/2017	0.0056	
10/10/2017	0.0073	
3/22/2018	0.0051	
10/3/2018	0.0052	
3/27/2019	0.0056	
9/12/2019	0.0075	
3/19/2020	0.0055	
9/10/2020	0.0063	
4/6/2021		0.0055
8/12/2021		0.0096
2/14/2022		0.0076
8/30/2022		0.0064

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	0.0026 (J)	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0027 (J)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/22/2015	0.0034 (J)	
11/13/2015	0.0038 (J)	
4/11/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	0.0014 (J)	
10/11/2016	0.0017 (J)	
12/5/2016	0.0014 (J)	
2/13/2017	0.0016 (J)	
4/10/2017	0.0014 (J)	
6/23/2017	0.0014 (J)	
10/10/2017	0.0039	
3/26/2018	0.0013 (J)	
10/4/2018	0.0014 (J)	
3/28/2019	0.0012 (J)	
9/12/2019	0.0021 (J)	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021		<0.002
8/13/2021		<0.002
2/14/2022		<0.002
8/31/2022		<0.002

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	0.0034 (J)	
2/15/2011	0.0034 (J)	
3/22/2011	0.0037 (J)	
4/27/2011	0.0038 (J)	
10/26/2011	0.0039 (J)	
5/2/2012	0.0044 (J)	
11/8/2012	0.0026 (J)	
5/8/2013	0.0038 (J)	
11/4/2013	0.0063 (J)	
5/24/2014	0.0061 (J)	
11/8/2014	<0.01	
5/22/2015	0.0037 (J)	
11/13/2015	0.0055 (J)	
4/11/2016	0.00479 (J)	
6/15/2016	<0.01	
8/10/2016	0.0047	
10/11/2016	0.0048	
12/2/2016	0.0043	
2/13/2017	0.0047	
4/7/2017	0.0044	
6/22/2017	0.0045	
10/10/2017	0.005	
3/23/2018	0.0042	
10/4/2018	0.005	
3/28/2019	0.0043	
9/12/2019	0.006	
3/19/2020	0.0047	
9/10/2020	0.0047	
4/6/2021		0.0044
8/13/2021		0.0089
2/14/2022		0.0046
8/31/2022		0.004

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.0036 (J)	
2/15/2011	0.0038 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0042 (J)	
10/26/2011	0.0042 (J)	
5/2/2012	0.0037 (J)	
11/8/2012	<0.01	
5/8/2013	0.0032 (J)	
11/4/2013	0.0063 (J)	
5/24/2014	0.003 (J)	
11/7/2014	<0.01	
5/22/2015	0.0023 (J)	
11/13/2015	0.0042 (J)	
4/11/2016	0.00309 (J)	
6/16/2016	<0.01	
8/10/2016	0.0023 (J)	
10/13/2016	0.0028	
12/5/2016	0.0032	
2/13/2017	0.0021 (J)	
4/10/2017	0.0022 (J)	
6/23/2017	0.0025	
10/11/2017	0.0027	
3/26/2018	0.0028	
10/4/2018	0.0041	
3/27/2019	0.0044	
9/12/2019	0.0043	
3/19/2020	0.0032	
9/11/2020	0.0041	
4/5/2021		0.0054
8/13/2021		0.0087
2/15/2022		0.0054
8/31/2022		0.0047

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0087	
3/21/2011	0.0083	
4/28/2011	0.0076	
10/26/2011	0.0078	
5/1/2012	0.0049 (J)	
11/9/2012	0.0066	
5/8/2013	0.0082	
11/4/2013	0.013	
5/24/2014	0.012	
11/7/2014	0.0084 (J)	
5/22/2015	0.0096 (J)	
11/13/2015	0.011	
4/11/2016	0.0101	
6/16/2016	<0.01	
8/11/2016	0.0097	
10/13/2016	0.012	
12/5/2016	0.012	
2/13/2017	0.011	
4/11/2017	0.011	
6/24/2017	0.0095	
10/11/2017	0.0096	
3/26/2018	0.012	
10/4/2018	0.016	
3/28/2019		0.019
9/12/2019		0.027
3/19/2020		0.029
9/11/2020		0.028
4/5/2021		0.031
8/17/2021		0.034
2/14/2022		0.036
8/31/2022		0.038

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	0.0033 (J)	
5/1/2012	0.0025 (J)	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0035 (J)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/20/2015	0.0021 (J)	
11/13/2015	0.0041 (J)	
4/8/2016	<0.002	
6/16/2016	<0.002	
8/11/2016	0.0013 (J)	
10/13/2016	0.0018 (J)	
12/6/2016	0.0014 (J)	
2/13/2017	0.0021 (J)	
4/11/2017	0.0012 (J)	
6/24/2017	0.0017 (J)	
10/11/2017	0.0013 (J)	
3/26/2018	0.0014 (J)	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	0.002 (J)	
3/19/2020	<0.002	
9/11/2020	0.0023	
4/6/2021		<0.002
8/13/2021		0.0019 (J)
2/14/2022		0.0018 (J)
8/31/2022		0.002

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	<0.0025	
6/14/2016	6.6E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	0.00047 (J)	
12/2/2016	0.0014 (J)	
2/10/2017	0.00052 (J)	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/9/2017	0.00053 (J)	
3/26/2018	0.00088 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	<0.0025	
9/12/2019	0.0004 (J)	
3/19/2020	0.00015 (J)	
9/10/2020	0.00019 (J)	
4/2/2021		0.00016 (J)
8/12/2021		0.00028 (J)
2/14/2022		<0.0025
8/26/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.0038 (O)	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	0.00042 (J)	
8/9/2016	0.00068 (J)	
10/11/2016	<0.0025	
12/5/2016	0.0012 (J)	
2/10/2017	0.0013 (J)	
4/7/2017	<0.0025	
6/26/2017	0.00073 (J)	
10/9/2017	<0.0025	
3/26/2018	<0.0025 (D)	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00014 (J)	
4/2/2021		0.00026 (J)
8/12/2021		0.00015 (J)
2/15/2022		0.00054 (J)
8/26/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.012	
2/14/2011	0.0093 (J)	
3/21/2011	0.0076 (J)	
4/26/2011	0.0058 (J)	
10/26/2011	0.005 (J)	
5/1/2012	0.0032 (J)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/7/2014	<0.01	
5/20/2015	<0.01	
11/13/2015	<0.01	
4/7/2016	<0.01	
6/14/2016	0.0031 (J)	
8/9/2016	0.0023 (J)	
10/10/2016	0.0024 (J)	
12/2/2016	0.0021 (J)	
2/9/2017	0.00096 (J)	
4/7/2017	0.0034	
6/22/2017	0.0029	
10/10/2017	0.0025	
3/22/2018	0.0015 (JD)	
10/3/2018	0.0018 (J)	
3/27/2019	0.00083 (J)	
9/12/2019	0.0018 (J)	
3/19/2020	0.0005 (J)	
9/11/2020	0.0035	
4/2/2021		0.002 (J)
8/12/2021		0.0024 (J)
2/14/2022		0.00059 (J)
8/31/2022		0.0012 (J)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	3.8E-05 (J)	
8/9/2016	<0.0025	
10/10/2016	<0.0025	
12/2/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	9.5E-05 (J)	
3/19/2020	0.00025 (J)	
9/11/2020	<0.0025	
4/5/2021		<0.0025
8/12/2021		<0.0025
2/14/2022		<0.0025
8/31/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0033 (O)	
2/1/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	0.0048 (O)	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	4.2E-05 (J)	
8/9/2016	<0.0025	
10/11/2016	0.00052 (J)	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00011 (J)	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021		0.00017 (J)
8/13/2021		<0.0025
2/14/2022		<0.0025
8/31/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/25/2011	<0.0025	
5/1/2012	0.0039 (O)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/17/2016	0.00017 (J)	
8/10/2016	<0.0025	
10/14/2016	<0.0025	
12/19/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	0.00029 (J)	
9/11/2020	<0.0025	
4/5/2021		0.00019 (J)
8/12/2021		<0.0025
2/14/2022		<0.0025
8/31/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	0.0004 (J)	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00017 (J)	
3/19/2020	<0.0025	
9/10/2020	0.0002 (J)	
4/6/2021		<0.0025
8/12/2021		0.00072 (J)
2/14/2022		0.00039 (J)
8/30/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021		<0.0025
8/13/2021		0.00015 (J)
2/14/2022		<0.0025
8/31/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021		<0.0025
8/13/2021		0.00074 (J)
2/14/2022		<0.0025
8/31/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00012 (J)	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021		0.0002 (J)
8/13/2021		0.00059 (J)
2/15/2022		<0.0025
8/31/2022		<0.0025

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.0051 (J)	
2/14/2011	0.0038 (J)	
3/21/2011	0.0037 (J)	
4/27/2011	<0.01	
10/26/2011	0.0046 (J)	
5/1/2012	0.0043 (J)	
11/9/2012	0.007 (J)	
5/8/2013	0.0047 (J)	
11/4/2013	0.0096 (J)	
5/24/2014	0.0097 (J)	
11/7/2014	0.012	
5/20/2015	0.011	
11/13/2015	0.013	
4/8/2016	<0.01	
6/16/2016	0.0062 (J)	
8/11/2016	0.0092	
10/13/2016	0.0045	
12/6/2016	0.0043	
2/13/2017	0.011	
4/11/2017	0.012	
6/24/2017	0.011	
10/11/2017	0.016	
3/26/2018	0.0069	
10/4/2018	0.016	
3/28/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.0083	
9/11/2020	0.002 (J)	
4/6/2021		0.0062
8/13/2021		0.015
2/14/2022		0.011
8/31/2022		0.014

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.0028 (O)	
11/13/2015	<0.002	
4/6/2016	<0.002	
10/11/2016	<0.002	
4/10/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	0.0023	
4/2/2021		<0.002
8/12/2021		0.00066 (J)
2/14/2022		<0.002
8/26/2022		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.003 (J)	
11/13/2015	0.078 (O)	
4/8/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002 (D)	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021		<0.002
8/12/2021		<0.002
2/15/2022		0.0015 (J)
8/26/2022		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.0021 (J)	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	0.0034 (J)	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	0.002 (J)	
5/20/2015	0.0024 (J)	
11/13/2015	<0.002	
4/7/2016	<0.002	
10/10/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002 (D)	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	0.00072 (J)	
9/11/2020	0.002	
4/2/2021		<0.002
8/12/2021		<0.002
2/14/2022		<0.002
8/31/2022		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0065 (J)	
2/1/2011	0.018	
3/23/2011	0.022	
4/27/2011	0.02	
10/26/2011	0.0025 (J)	
5/1/2012	0.0022 (J)	
11/8/2012	0.015	
5/7/2013	0.02	
11/5/2013	0.014	
5/23/2014	0.06 (O)	
11/7/2014	0.0032 (J)	
5/21/2015	0.017 (JV)	
11/12/2015	0.01 (J)	
4/8/2016	<0.002	
10/11/2016	0.0051	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	0.0011 (J)	
9/11/2020	<0.002	
4/5/2021		0.0019 (J)
8/13/2021		<0.002
2/14/2022		<0.002
8/31/2022		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0084 (J)	
2/14/2011	0.013 (O)	
3/23/2011	0.0061 (J)	
4/27/2011	<0.002	
10/25/2011	<0.002	
5/1/2012	0.0027 (J)	
11/8/2012	<0.002	
5/7/2013	0.0039 (J)	
11/5/2013	<0.002	
5/23/2014	0.0029 (J)	
11/7/2014	<0.002	
5/21/2015	0.0031 (J)	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/14/2016	0.0024 (J)	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	0.00083 (J)	
3/19/2020	0.0022	
9/11/2020	<0.002	
4/5/2021		0.00093 (J)
8/12/2021		<0.002
2/14/2022		<0.002
8/31/2022		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021		<0.002
8/12/2021		0.0031
2/14/2022		0.0014 (J)
8/30/2022		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	0.0031 (O)	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021		<0.002
8/13/2021		0.0046
2/14/2022		0.0013 (J)
8/31/2022		<0.002

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/13/2016	<0.002	
4/10/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	0.0013 (J)	
4/5/2021		<0.002
8/13/2021		0.0025
2/15/2022		<0.002
8/31/2022		<0.002

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	0.0028 (J)	
3/22/2011	0.0021 (J)	
4/26/2011	0.003 (J)	
10/27/2011	0.0028 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0044 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	0.0032 (J)	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.0022	
4/2/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001
8/26/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	0.0025 (J)	
10/27/2011	0.0033 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0048 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.0021 (J)	
5/21/2015	0.002 (J)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021		0.00018 (J)
8/12/2021		<0.001
2/15/2022		0.00025 (J)
8/26/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	0.0024 (J)	
3/21/2011	<0.001	
4/26/2011	0.0027 (J)	
10/26/2011	0.0026 (J)	
5/1/2012	<0.001	
11/8/2012	0.0023 (J)	
5/8/2013	0.0026 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.005 (J)	
11/13/2015	0.0031 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00019 (J)	
9/11/2020	0.0016	
4/2/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	0.0024 (J)	
10/27/2011	0.0025 (J)	
5/2/2012	<0.001	
11/8/2012	0.003 (J)	
5/7/2013	0.0029 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0037 (J)	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0027 (J)	
3/23/2011	0.0041 (J)	
4/27/2011	0.0054	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0022 (J)	
5/7/2013	0.0062	
11/5/2013	<0.001	
5/23/2014	0.0026 (J)	
11/7/2014	0.0022 (J)	
5/21/2015	0.0049 (J)	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	0.00096 (J)	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	0.0029 (J)	
3/23/2011	0.0028 (J)	
4/27/2011	0.0038 (J)	
10/25/2011	0.0043 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0064	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	0.0026 (J)	
5/21/2015	0.0038 (J)	
11/12/2015	0.0021 (J)	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0002 (J)	
9/11/2020	<0.001	
4/5/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	0.0032 (J)	
3/21/2011	0.0038 (J)	
4/26/2011	0.0046 (J)	
10/26/2011	0.0024 (J)	
5/2/2012	<0.001	
11/8/2012	0.0021 (J)	
5/8/2013	0.006	
11/5/2013	0.0023 (J)	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	0.0062 (J)	
11/12/2015	0.0035 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001
8/30/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	0.0021 (J)	
3/22/2011	0.0027 (J)	
4/27/2011	0.0024 (J)	
10/26/2011	0.0021 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0038 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	0.0028 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0033 (J)	
10/26/2011	0.0028 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0043 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0042 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/13/2021		0.00054 (J)
2/14/2022		0.00019 (J)
8/31/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	0.0032 (J)	
3/22/2011	0.0024 (J)	
4/27/2011	0.0033 (J)	
10/26/2011	0.0023 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0035 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	0.00041 (J)	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	0.0015	
4/5/2021		<0.001
8/13/2021		0.00022 (J)
2/15/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	0.0034 (J)	
3/21/2011	0.004 (J)	
4/28/2011	0.0036 (J)	
10/26/2011	0.0038 (J)	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0059	
11/4/2013	0.0027 (J)	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.006 (J)	
11/13/2015	0.0024 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	0.0034 (o)	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		<0.001
8/17/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0026 (O)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021		<0.001
8/13/2021		0.00017 (J)
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/6/2016	<0.0002	
6/14/2016	<0.0002	
8/10/2016	<0.0002	
10/11/2016	<0.0002	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/9/2017	8.7E-05 (J)	
3/26/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021		<0.0002
8/12/2021		<0.0002
2/14/2022		<0.0002
8/26/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/26/2017	<0.0002	
10/9/2017	8.7E-05 (J)	
3/26/2018	<0.0002 (XD)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021		<0.0002
8/12/2021		<0.0002
2/15/2022		<0.0002
8/26/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/10/2016	<0.0002	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (J)	
3/22/2018	<0.0002 (D)	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/2/2021		<0.0002
8/12/2021		<0.0002
2/14/2022		<0.0002
8/31/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	0.00011 (J)	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/10/2016	<0.0002	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	8.8E-05 (J)	
3/23/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021		<0.0002
8/12/2021		<0.0002
2/14/2022		<0.0002
8/31/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.1E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (J)	
3/22/2018	<0.0002	
10/5/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/20/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021		<0.0002
8/13/2021		<0.0002
2/14/2022		<0.0002
8/31/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/25/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.4E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/17/2016	<0.0002	
8/10/2016	<0.0002	
10/14/2016	<0.0002	
12/19/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (J)	
3/23/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021		<0.0002
8/12/2021		<0.0002
2/14/2022		<0.0002
8/31/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	<0.0002	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.8E-05 (J)	
3/22/2018	<0.0002	
10/3/2018	<0.0002 (X)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021		<0.0002
8/12/2021		<0.0002
2/14/2022		<0.0002
8/30/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	9.1E-05 (J)	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021		<0.0002
8/13/2021		<0.0002
2/14/2022		<0.0002
8/31/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/11/2016	<0.0002	
12/2/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (J)	
3/23/2018	<0.0002 (X)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021		<0.0002
8/13/2021		<0.0002
2/14/2022		<0.0002
8/31/2022		<0.0002

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.0002	
2/15/2011	<0.0002	
3/21/2011	<0.0002	
4/28/2011	<0.0002	
10/26/2011	8.2E-05	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
10/13/2016	<0.0002	
12/5/2016	<0.0002	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021		<0.0002
8/17/2021		<0.0002
2/14/2022		<0.0002
8/31/2022		<0.0002

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
10/11/2016	<0.001	
4/10/2017	<0.001	
10/9/2017	0.0024 (O)	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00037 (J)	
9/10/2020	0.00095 (J)	
4/2/2021		0.00046 (J)
8/12/2021		0.0011
2/14/2022		<0.001
8/26/2022		0.0012

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.003 (O)	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021		0.00049 (J)
8/12/2021		0.00042 (J)
2/15/2022		0.0014
8/26/2022		0.00065 (J)

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00061 (J)	
3/19/2020	0.00074 (J)	
9/11/2020	0.001	
4/2/2021		0.00077 (J)
8/12/2021		0.00092 (J)
2/14/2022		<0.001
8/31/2022		0.00065 (J)

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	0.0035 (O)	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.0004 (J)	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001
8/31/2022		0.00056 (J)

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0072	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0066	
5/7/2013	0.022	
11/5/2013	0.0093	
5/23/2014	0.0045 (J)	
11/7/2014	0.0049 (J)	
5/21/2015	0.012	
11/12/2015	0.019	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0052	
2/14/2011	0.016	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	0.0035 (J)	
11/8/2012	0.0046 (J)	
5/7/2013	0.0087	
11/5/2013	0.0036 (J)	
5/23/2014	<0.001	
11/7/2014	0.0064	
5/21/2015	0.0045 (J)	
11/12/2015	0.0036 (J)	
4/7/2016	<0.001	
10/14/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0004 (J)	
9/11/2020	<0.001	
4/5/2021		0.00034 (J)
8/12/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00043 (J)	
3/19/2020	<0.001	
9/10/2020	0.00062 (J)	
4/6/2021		<0.001
8/12/2021		0.0019
2/14/2022		0.00088 (J)
8/30/2022		0.00074 (J)

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0047	
2/15/2011	<0.0047	
3/22/2011	<0.0047	
4/27/2011	<0.0047	
10/26/2011	<0.0047	
5/2/2012	<0.0047	
11/8/2012	<0.0047	
5/8/2013	<0.0047	
11/4/2013	<0.0047	
5/24/2014	<0.0047	
11/7/2014	<0.0047	
5/22/2015	0.0032 (J)	
11/13/2015	<0.0047	
4/11/2016	0.00388 (J)	
10/11/2016	<0.0047	
4/10/2017	0.0042	
10/10/2017	0.0037	
3/26/2018	0.0037	
10/4/2018	0.0037	
3/28/2019	0.0038	
9/12/2019	0.0035	
3/19/2020	0.0039	
9/10/2020	0.0035	
4/6/2021		0.0042
8/13/2021		0.0037
2/14/2022		0.0034
8/31/2022		0.0033

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0018	
2/15/2011	<0.0018	
3/22/2011	<0.0018	
4/27/2011	<0.0018	
10/26/2011	<0.0018	
5/2/2012	<0.0018	
11/8/2012	<0.0018	
5/8/2013	<0.0018	
11/4/2013	<0.0018	
5/24/2014	<0.0018	
11/8/2014	<0.0018	
5/22/2015	<0.0018	
11/13/2015	<0.0018	
4/11/2016	<0.0018	
10/11/2016	<0.0018	
4/7/2017	<0.0018	
10/10/2017	<0.0018	
3/23/2018	<0.0018	
10/4/2018	<0.0018	
3/28/2019	<0.0018	
9/12/2019	0.0012	
3/19/2020	0.0015	
9/10/2020	0.0017	
4/6/2021		0.0019
8/13/2021		0.0036
2/14/2022		0.0026
8/31/2022		0.0031

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/13/2016	<0.0025	
4/10/2017	<0.0025	
10/11/2017	0.0018 (J)	
3/26/2018	0.0021 (J)	
10/4/2018	0.0024 (J)	
3/27/2019	0.0024 (J)	
9/12/2019	0.0019	
3/19/2020	0.0021	
9/11/2020	0.002	
4/5/2021		0.002
8/13/2021		0.0034
2/15/2022		0.0024
8/31/2022		0.0025

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.006	
2/14/2011	0.0067	
3/21/2011	0.0066	
4/27/2011	0.0077	
10/26/2011	0.0063	
5/1/2012	0.0068	
11/9/2012	0.0067	
5/8/2013	0.0066	
11/4/2013	0.0072	
5/24/2014	0.0053	
11/7/2014	0.0052	
5/20/2015	0.0067	
11/13/2015	0.0063	
4/8/2016	<0.0073	
10/13/2016	<0.0073	
4/11/2017	0.0075	
10/11/2017	0.0072	
3/26/2018	0.0075	
10/4/2018	0.0073	
3/28/2019	0.0069	
9/12/2019	0.007	
3/19/2020	0.007	
9/11/2020	0.0074	
4/6/2021		0.0072
8/13/2021		0.0073
2/14/2022		0.0071
8/31/2022		0.0069

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	0.0048	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	0.0041	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	0.0032	
4/7/2017	<0.005	
6/26/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021		<0.005
8/12/2021		<0.005
2/15/2022		<0.005
8/26/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0048	
11/4/2013	<0.005	
5/24/2014	0.0042	
11/7/2014	<0.005	
5/20/2015	0.0093 (O)	
11/13/2015	0.0061 (O)	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	0.00033 (J)	
3/22/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/2/2021		<0.005
8/12/2021		<0.005
2/14/2022		<0.005
8/31/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.0064 (O)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0021	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/13/2021		<0.005
2/14/2022		<0.005
8/31/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0046	
11/5/2013	0.0047	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0077 (O)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/17/2016	<0.005	
8/10/2016	<0.005	
10/14/2016	<0.005	
12/19/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/12/2021		<0.005
2/14/2022		<0.005
8/31/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0041	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	0.00092 (J)	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/12/2021		<0.005
2/14/2022		<0.005
8/30/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	0.0044	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.00032 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/13/2021		<0.005
2/14/2022		<0.005
8/31/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0042	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	0.0021	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/13/2021		<0.005
2/14/2022		<0.005
8/31/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	0.0049	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0067 (O)	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	0.00036 (J)	
10/13/2016	0.00035 (J)	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	0.0027	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.0004 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/17/2021		<0.005
2/14/2022		<0.005
8/31/2022		<0.005

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/13/2016	0.00046 (J)	
12/6/2016	<0.005	
2/13/2017	0.0025	
4/11/2017	0.00089 (J)	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/6/2021		<0.005
8/13/2021		<0.005
2/14/2022		<0.005
8/31/2022		<0.005

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	0.00025 (J)	
5/24/2014	<0.001	
11/8/2014	0.00048	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021		0.00016 (J)
8/12/2021		<0.001
2/14/2022		<0.001
8/26/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.00086	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021		0.00036 (J)
8/12/2021		<0.001
2/15/2022		<0.001
8/26/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 12/1/2022 9:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.00026 (J)	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	0.00032	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00036 (J)	
9/11/2020	<0.001	
4/2/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00018 (J)	
9/11/2020	<0.001	
4/5/2021		0.00043 (J)
8/12/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.00028	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021		<0.001
8/13/2021		<0.001
2/14/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021		0.00022 (J)
8/13/2021		<0.001
2/15/2022		<0.001
8/31/2022		<0.001

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0028 (J)	
4/26/2011	0.0025 (J)	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	0.00201 (J)	
10/11/2016	<0.0025	
4/10/2017	0.002 (J)	
10/9/2017	<0.0025	
3/26/2018	0.0014 (J)	
10/3/2018	0.0023 (J)	
3/27/2019	0.0072 (O)	
9/12/2019	0.0031	
3/19/2020	0.003	
9/10/2020	0.0027	
4/2/2021		0.0029
8/12/2021		0.004
2/14/2022		0.0033
8/26/2022		0.0028

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0032 (J)	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	0.0037 (J)	
11/8/2012	<0.0025	
5/7/2013	0.0041 (J)	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	0.0052 (J)	
11/13/2015	<0.0025	
4/8/2016	<0.0025 (D)	
10/11/2016	<0.0025	
4/7/2017	0.0033	
10/9/2017	<0.0025	
3/26/2018	0.0029	
10/3/2018	0.0022 (J)	
3/27/2019	0.0071 (O)	
9/12/2019	0.0025	
3/19/2020	0.0052	
9/10/2020	0.0025	
4/2/2021		0.0045
8/12/2021		0.0028
2/15/2022		0.0083
8/26/2022		0.002

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.0014	
2/14/2011	<0.0014	
3/21/2011	<0.0014	
4/26/2011	0.0022 (J)	
10/26/2011	<0.0014	
5/1/2012	0.0036 (J)	
11/8/2012	0.0062 (O)	
5/8/2013	<0.0014	
11/4/2013	<0.0014	
5/24/2014	<0.0014	
11/7/2014	<0.0014	
5/20/2015	<0.0014	
11/13/2015	<0.0014	
4/7/2016	<0.0014	
10/10/2016	<0.0014	
4/7/2017	<0.0014	
10/10/2017	0.0014 (J)	
3/22/2018	<0.0014 (D)	
10/3/2018	<0.0014	
3/27/2019	0.0023 (J)	
9/12/2019	0.0017	
3/19/2020	0.0031	
9/11/2020	0.0015	
4/2/2021		0.0014
8/12/2021		0.0017
2/14/2022		0.0028
8/31/2022		0.0011

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	0.0024 (J)	
2/1/2011	0.0021 (J)	
3/21/2011	0.0025 (J)	
4/26/2011	0.0033 (J)	
10/27/2011	<0.0034	
5/2/2012	0.0051 (J)	
11/8/2012	0.02 (O)	
5/7/2013	0.0036 (J)	
11/4/2013	0.0043 (J)	
5/24/2014	0.0033 (J)	
11/7/2014	<0.0034	
5/20/2015	0.0062 (J)	
11/13/2015	0.0046 (J)	
4/7/2016	0.00293 (J)	
10/10/2016	0.0031	
4/7/2017	0.0041	
10/10/2017	<0.0034	
3/23/2018	0.0032	
10/4/2018	<0.0034 (X)	
3/27/2019	0.0072	
9/12/2019	0.0033	
3/19/2020	0.0033	
9/11/2020	0.0026	
4/5/2021		0.003
8/12/2021		0.0031
2/14/2022		0.0032
8/31/2022		0.0027

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0051 (J)	
2/1/2011	0.012	
3/23/2011	0.015	
4/27/2011	0.022	
10/26/2011	0.0043 (J)	
5/1/2012	0.0069 (J)	
11/8/2012	0.013	
5/7/2013	0.017	
11/5/2013	0.013	
5/23/2014	0.041	
11/7/2014	0.0069 (J)	
5/21/2015	0.016	
11/12/2015	0.013	
4/8/2016	<0.0053 (D)	
10/11/2016	0.011	
4/7/2017	0.0073	
10/10/2017	0.0032	
3/22/2018	0.0068	
10/5/2018	<0.0053 (X)	
3/27/2019	0.012	
9/12/2019	0.0075	
3/20/2020	0.0086	
9/11/2020	0.007	
4/5/2021		0.0085
8/13/2021		0.0078
2/14/2022		0.0076
8/31/2022		0.0073

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0091 (J)	
2/14/2011	0.013	
3/23/2011	<0.01	
4/27/2011	0.0078 (J)	
10/25/2011	0.012 (O)	
5/1/2012	0.019	
11/8/2012	0.015	
5/7/2013	0.017	
11/5/2013	0.015	
5/23/2014	0.017	
11/7/2014	0.013	
5/21/2015	0.016	
11/12/2015	0.018	
4/7/2016	0.016	
10/14/2016	0.018	
4/7/2017	0.017	
10/10/2017	0.015	
3/23/2018	0.016	
10/3/2018	0.017	
3/27/2019	0.022	
9/12/2019	0.019	
3/19/2020	0.019	
9/11/2020	0.017	
4/5/2021		0.019
8/12/2021		0.019
2/14/2022		0.019
8/31/2022		0.018

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	0.016	
2/14/2011	0.016	
3/21/2011	0.018	
4/26/2011	0.018	
10/26/2011	0.018	
5/2/2012	0.021	
11/8/2012	0.019	
5/8/2013	0.02	
11/5/2013	0.018	
5/23/2014	0.018	
11/7/2014	0.018	
5/21/2015	0.02	
11/12/2015	0.016	
4/7/2016	0.0182	
10/11/2016	0.023	
4/7/2017	0.02	
10/10/2017	0.016	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.021	
9/12/2019	0.02	
3/19/2020	0.02	
9/10/2020	0.018	
4/6/2021		0.021
8/12/2021		0.02
2/14/2022		0.02
8/30/2022		0.019

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	0.0037 (J)	
2/15/2011	0.0043 (J)	
3/22/2011	0.0039 (J)	
4/27/2011	0.0035 (J)	
10/26/2011	0.0047 (J)	
5/2/2012	0.0064 (J)	
11/8/2012	0.0051 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0039 (J)	
5/24/2014	0.0053 (J)	
11/7/2014	0.0034 (J)	
5/22/2015	0.0068 (J)	
11/13/2015	0.0044 (J)	
4/11/2016	0.00381 (J)	
10/11/2016	<0.0053	
4/10/2017	0.0038	
10/10/2017	0.0053	
3/26/2018	0.0037	
10/4/2018	<0.0053 (X)	
3/28/2019	0.0079	
9/12/2019	0.0054	
3/19/2020	0.0044	
9/10/2020	0.0049	
4/6/2021		0.0045
8/13/2021		0.0061
2/14/2022		0.0047
8/31/2022		0.0055

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0037	
2/15/2011	<0.0037	
3/22/2011	0.0034 (J)	
4/27/2011	0.0032 (J)	
10/26/2011	<0.0037	
5/2/2012	0.0039 (J)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.0037	
11/4/2013	0.0035 (J)	
5/24/2014	0.0036 (J)	
11/8/2014	<0.0037	
5/22/2015	0.0044 (J)	
11/13/2015	<0.0037	
4/11/2016	0.00254 (J)	
10/11/2016	<0.0037	
4/7/2017	0.0024 (J)	
10/10/2017	<0.0037	
3/23/2018	0.0023 (J)	
10/4/2018	<0.0037 (X)	
3/28/2019	0.0053	
9/12/2019	0.0028	
3/19/2020	0.0027	
9/10/2020	0.0026	
4/6/2021		0.0026
8/13/2021		0.0093
2/14/2022		0.0042
8/31/2022		0.0031

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.0027 (J)	
2/15/2011	0.0036 (J)	
3/22/2011	<0.0066	
4/27/2011	0.0046 (J)	
10/26/2011	<0.0066	
5/2/2012	0.0055 (J)	
11/8/2012	0.0042 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0042 (J)	
5/24/2014	0.0061 (J)	
11/7/2014	0.0032 (J)	
5/22/2015	0.0056 (J)	
11/13/2015	<0.0066	
4/11/2016	0.00415 (J)	
10/13/2016	<0.0066	
4/10/2017	0.0043	
10/11/2017	0.0052	
3/26/2018	0.004	
10/4/2018	<0.0066 (X)	
3/27/2019	0.0087	
9/12/2019	0.0047	
3/19/2020	0.0046	
9/11/2020	0.0042	
4/5/2021		0.0059
8/13/2021		0.0072
2/15/2022		0.0049
8/31/2022		0.0038

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.01	
2/15/2011	0.0098 (J)	
3/21/2011	0.012	
4/28/2011	0.011	
10/26/2011	0.012	
5/1/2012	0.011	
11/9/2012	0.011	
5/8/2013	<0.01	
11/4/2013	0.011	
5/24/2014	0.012	
11/7/2014	0.01	
5/22/2015	0.013	
11/13/2015	0.014	
4/11/2016	0.0107	
10/13/2016	0.011	
4/11/2017	0.011	
10/11/2017	0.012	
3/26/2018	0.0096	
10/4/2018	0.013	
3/28/2019	0.01	
9/12/2019	0.011	
3/19/2020	0.01	
9/11/2020	0.0099	
4/5/2021		0.011
8/17/2021		0.011
2/14/2022		0.011
8/31/2022		0.01

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	0.0032 (J)	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0065	
11/13/2015	<0.001	
4/8/2016	0.0136 (O)	
10/13/2016	<0.001	
4/11/2017	<0.001	
10/11/2017	0.0019 (J)	
3/26/2018	<0.001	
10/4/2018	<0.001 (X)	
3/28/2019	0.0041	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021		<0.001
8/13/2021		0.0016
2/14/2022		0.0014
8/31/2022		0.00095 (J)

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/6/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0046 (J)	
3/19/2020	<0.005	
9/10/2020	0.0048 (J)	
4/2/2021		<0.005
8/12/2021		<0.005
2/14/2022		<0.005
8/26/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	0.039 (O)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0085	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021		<0.005
8/12/2021		<0.005
2/15/2022		0.003 (J)
8/26/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.0065	
2/14/2011	<0.0065	
3/21/2011	<0.0065	
4/26/2011	<0.0065	
10/26/2011	<0.0065	
5/1/2012	<0.0065	
11/8/2012	<0.0065	
5/8/2013	<0.0065	
11/4/2013	<0.0065	
5/24/2014	<0.0065	
11/7/2014	<0.0065	
5/20/2015	<0.0065	
11/13/2015	<0.0065	
4/7/2016	0.00345 (J)	
10/10/2016	<0.0065	
4/7/2017	<0.0065	
10/10/2017	<0.0065	
3/22/2018	<0.0065 (D)	
10/3/2018	<0.0065	
3/27/2019	<0.0065	
9/12/2019	0.0095	
3/19/2020	0.0037 (J)	
9/11/2020	0.0098	
4/2/2021		0.0058
8/12/2021		0.006
2/14/2022		0.003 (J)
8/31/2022		0.0051

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.005	
2/1/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	0.013 (O)	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00265 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	0.0096 (J)	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0091	
3/19/2020	0.0035 (J)	
9/11/2020	0.0038 (J)	
4/5/2021		0.0049 (J)
8/12/2021		<0.005
2/14/2022		<0.005
8/31/2022		0.0032 (J)

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0087	
11/5/2013	<0.005	
5/23/2014	0.014 (O)	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0049 (J)	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/13/2021		<0.005
2/14/2022		<0.005
8/31/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00287 (J)	
10/14/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0048 (J)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/12/2021		<0.005
2/14/2022		<0.005
8/31/2022		0.0039 (J)

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00208 (J)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0041 (J)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/12/2021		<0.005
2/14/2022		<0.005
8/30/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0058	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021		<0.005
8/13/2021		<0.005
2/14/2022		<0.005
8/31/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	0.0076	
3/28/2019	<0.005	
9/12/2019	0.0057	
3/19/2020	0.0037 (J)	
9/10/2020	<0.005	
4/6/2021		<0.005
8/13/2021		0.0053
2/14/2022		<0.005
8/31/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	0.00333 (J)	
10/13/2016	<0.005	
4/10/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0042 (J)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/13/2021		<0.005
2/15/2022		<0.005
8/31/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/13/2016	<0.005	
4/11/2017	0.0065 (J)	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0073	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021		<0.005
8/17/2021		<0.005
2/14/2022		<0.005
8/31/2022		<0.005

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 12/1/2022 9:21 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.0095 (J)	
2/14/2011	0.0092 (J)	
3/21/2011	0.011 (J)	
4/27/2011	0.0096 (J)	
10/26/2011	0.011 (J)	
5/1/2012	0.012 (J)	
11/9/2012	0.014 (J)	
5/8/2013	0.016 (J)	
11/4/2013	0.014 (J)	
5/24/2014	0.013 (J)	
11/7/2014	0.014 (J)	
5/20/2015	0.015 (J)	
11/13/2015	0.015 (J)	
10/13/2016	0.015 (J)	
4/11/2017	0.015 (J)	
10/11/2017	0.019 (J)	
3/26/2018	0.016 (J)	
10/4/2018	0.017 (J)	
3/28/2019	0.013 (J)	
9/12/2019	0.02	
3/19/2020	0.014	
9/11/2020	0.014	
4/6/2021		0.014
8/13/2021		0.017
2/14/2022		0.014
8/31/2022		0.015

FIGURE E.

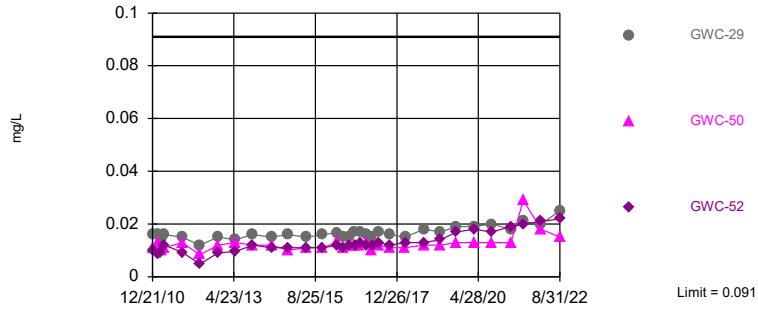
Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:29 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-29	0.091	n/a	8/31/2022	0.025	No	215	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-50	0.091	n/a	8/31/2022	0.015	No	215	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-52	0.091	n/a	8/31/2022	0.022	No	215	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium, Total (mg/L)	GWC-52	0.045	n/a	8/31/2022	0.038	No	222	n/a	n/a	18.92	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.022	n/a	8/31/2022	0.0031	No	186	n/a	n/a	77.42	n/a	n/a	0.00005721	NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

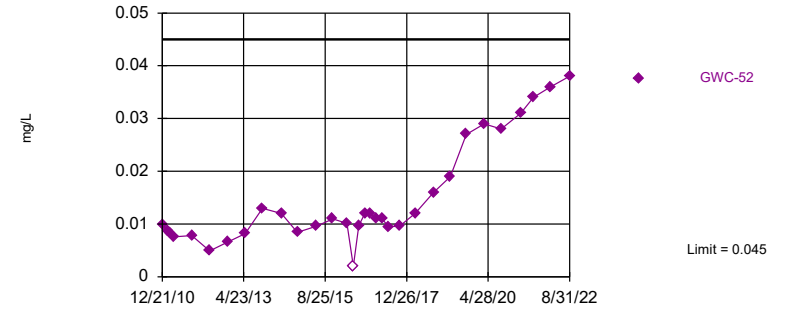


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 215 background values. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Barium, Total Analysis Run 12/1/2022 9:29 AM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Interwell Non-parametric



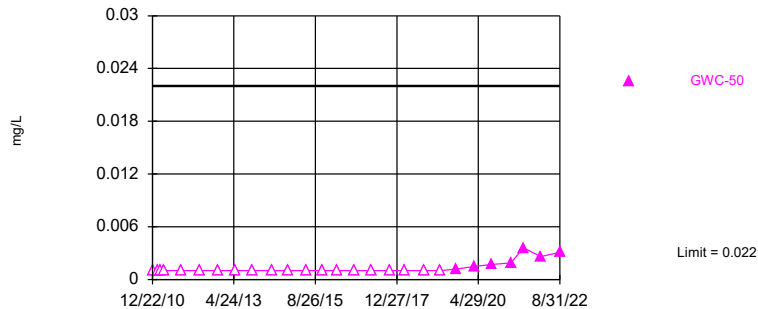
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 222 background values. 18.92% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Assumes 4 future values.

Constituent: Chromium, Total Analysis Run 12/1/2022 9:29 AM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 186 background values. 77.42% NDs. Annual per-constituent alpha = 0.0005719. Individual comparison alpha = 0.00005721 (1 of 2). Assumes 4 future values.

Constituent: Nickel, Total Analysis Run 12/1/2022 9:29 AM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:29 AM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-49 (bg)	GWC-52	GWA-22 (bg)	GWC-29	GWC-50	GWA-21 (bg)
12/20/2010	0.024 (J)	0.019 (J)	0.029 (J)						
12/21/2010				0.021 (J)	0.01 (J)				
12/22/2010						0.028 (J)	0.016 (J)	0.011 (J)	0.026 (J)
2/1/2011		0.017 (J)	0.038 (J)						
2/14/2011	0.023 (J)			0.021 (J)		0.025 (J)			0.022 (J)
2/15/2011					0.0086 (J)		0.016 (J)	0.013 (J)	
3/21/2011	0.021 (J)	0.019 (J)		0.021 (J)	0.009 (J)				
3/22/2011						0.029 (J)	0.014 (J)	0.01 (J)	0.02 (J)
3/23/2011			0.045 (J)						
4/26/2011	0.019 (J)	0.02 (J)		0.021 (J)		0.031 (J)			0.019 (J)
4/27/2011			0.043 (J)				0.016 (J)	0.011 (J)	
4/28/2011					0.012 (J)				
10/25/2011									
10/26/2011	0.023		0.023	0.019	0.0093 (J)		0.015	0.013	
10/27/2011		0.018				0.027			0.021
5/1/2012	0.014		0.021		0.0048 (J)	0.022			0.017
5/2/2012		0.017		0.018			0.012	0.0084 (J)	
11/8/2012	0.034	0.048 (O)	0.038	0.018		0.024	0.015	0.012	0.023
11/9/2012					0.0091 (J)				
5/7/2013		0.02	0.042			0.027			0.021
5/8/2013	0.016			0.017	0.0096 (J)		0.014	0.013	
11/4/2013	0.014	0.019			0.012	0.024	0.016	0.012	0.018
11/5/2013			0.039	0.019					
5/23/2014			0.088 (O)	0.021					
5/24/2014	0.027	0.019			0.011	0.025	0.015	0.012	0.022
11/7/2014	0.03	0.019	0.027	0.019	0.011		0.016		
11/8/2014						0.023		0.01	0.02
5/20/2015	0.029	0.018							
5/21/2015			0.036	0.02		0.023			0.022
5/22/2015					0.011		0.015	0.011	
11/12/2015			0.038	0.019					
11/13/2015	0.041	0.02			0.011	0.023	0.016	0.011	0.025
4/6/2016									0.0239
4/7/2016	0.0381	0.0207		0.0201					
4/8/2016			0.0261			0.0244			
4/11/2016					0.012		0.0167	0.0132	
6/14/2016	0.034	0.019	0.023	0.017		0.023			0.021
6/15/2016							0.015	0.011	
6/16/2016					0.011				
6/17/2016									
8/9/2016	0.032	0.017	0.026	0.017		0.026			
8/10/2016							0.015	0.012	0.019
8/11/2016					0.012				
10/10/2016	0.037	0.02							
10/11/2016			0.03	0.02		0.022	0.017	0.012	0.02
10/13/2016					0.012				
10/14/2016									
12/2/2016	0.038	0.02		0.02				0.012	0.022
12/5/2016			0.026		0.013	0.025	0.017		
12/19/2016									
2/9/2017	0.048			0.018					
2/10/2017		0.018	0.023			0.026			0.03

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:29 AM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-49 (bg)	GWC-52	GWA-22 (bg)	GWC-29	GWC-50	GWA-21 (bg)
2/13/2017					0.012		0.016	0.013	
4/7/2017	0.045	0.02	0.024	0.018		0.021		0.01	
4/10/2017							0.015		0.025
4/11/2017					0.012				
6/22/2017	0.049		0.025	0.02				0.012	
6/23/2017		0.021					0.017		0.026
6/24/2017					0.013				
6/26/2017						0.028			
10/9/2017						0.021			0.025
10/10/2017	0.044	0.018	0.022	0.02			0.016	0.011	
10/11/2017					0.012				
3/22/2018	0.0495 (D)		0.024	0.018					
3/23/2018		0.02						0.011	
3/26/2018					0.013	0.022 (D)	0.015		0.026
10/3/2018	0.042			0.018		0.022			0.00049 (O)
10/4/2018		0.019			0.013		0.018	0.012	
10/5/2018			0.026						
3/27/2019	0.057	0.021	0.026	0.019		0.022			0.024
3/28/2019					0.014		0.017	0.012	
9/12/2019	0.1 (L)	0.022	0.028	0.022	0.017	0.023	0.019	0.013	0.025
12/2/2019	0.11 (RL)								
3/19/2020	0.11 (L)	0.023		0.02	0.018	0.024	0.019	0.013	0.027
3/20/2020			0.029						
9/10/2020				0.02		0.022	0.02	0.013	0.023
9/11/2020	0.15 (L)	0.022	0.026		0.017				
4/2/2021	0.11 (L)					0.023			0.02
4/5/2021		0.022	0.028		0.019				
4/6/2021				0.02			0.018	0.013	
8/12/2021	0.091	0.023		0.024		0.024			0.023
8/13/2021			0.026				0.021	0.029	
8/17/2021					0.02				
2/14/2022	0.077	0.024	0.029	0.022	0.021		0.02	0.018	0.024
2/15/2022							0.032		
8/26/2022							0.021		0.026
8/30/2022				0.021					
8/31/2022	0.065	0.022	0.031		0.022		0.025	0.015	

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:29 AM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48 (bg)
12/20/2010	
12/21/2010	0.055 (O)
12/22/2010	
2/1/2011	
2/14/2011	0.05 (O)
2/15/2011	
3/21/2011	
3/22/2011	
3/23/2011	0.031 (J)
4/26/2011	
4/27/2011	0.015 (J)
4/28/2011	
10/25/2011	0.02
10/26/2011	
10/27/2011	
5/1/2012	0.017
5/2/2012	
11/8/2012	0.012
11/9/2012	
5/7/2013	0.022
5/8/2013	
11/4/2013	
11/5/2013	0.012
5/23/2014	0.02
5/24/2014	
11/7/2014	0.012
11/8/2014	
5/20/2015	
5/21/2015	0.011
5/22/2015	
11/12/2015	0.012
11/13/2015	
4/6/2016	
4/7/2016	0.0116
4/8/2016	
4/11/2016	
6/14/2016	
6/15/2016	
6/16/2016	
6/17/2016	0.012
8/9/2016	
8/10/2016	0.012
8/11/2016	
10/10/2016	
10/11/2016	
10/13/2016	
10/14/2016	0.016
12/2/2016	
12/5/2016	
12/19/2016	0.012
2/9/2017	
2/10/2017	

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 12/1/2022 9:29 AM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48 (bg)
2/13/2017	0.017
4/7/2017	0.011
4/10/2017	
4/11/2017	
6/22/2017	0.014
6/23/2017	
6/24/2017	
6/26/2017	
10/9/2017	
10/10/2017	0.012
10/11/2017	
3/22/2018	
3/23/2018	0.012
3/26/2018	
10/3/2018	0.012
10/4/2018	
10/5/2018	
3/27/2019	0.013
3/28/2019	
9/12/2019	0.016
12/2/2019	
3/19/2020	0.02
3/20/2020	
9/10/2020	
9/11/2020	0.013
4/2/2021	
4/5/2021	0.015
4/6/2021	
8/12/2021	0.013
8/13/2021	
8/17/2021	
2/14/2022	0.014
2/15/2022	
8/26/2022	
8/30/2022	
8/31/2022	0.016

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:29 AM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-21 (bg)
12/20/2010	0.0064	0.0036 (J)	<0.002					
12/21/2010				0.01	0.0073	0.0094		
12/22/2010							0.0029 (J)	0.0052
2/1/2011	0.015	0.0037 (J)						
2/14/2011			<0.002		0.0051	0.028	0.0027 (J)	0.0057
2/15/2011				0.0087				
3/21/2011		0.004 (J)	<0.002	0.0083	0.0067			
3/22/2011							0.0049 (J)	0.0055
3/23/2011	0.0084					0.0042 (J)		
4/26/2011		0.0037 (J)	<0.002		0.0065		0.0048 (J)	0.0069
4/27/2011	0.011					<0.002		
4/28/2011				0.0076				
10/25/2011						0.0062		
10/26/2011	0.0061		<0.002	0.0078	0.0068			
10/27/2011		0.0047 (J)					0.0023 (J)	0.011
5/1/2012	0.0072		<0.002	0.0049 (J)		0.011	0.0051	0.0056
5/2/2012		0.005 (J)			0.011			
11/8/2012	0.015	0.0081	<0.002		0.0052	0.0089	0.0034 (J)	<0.002
11/9/2012				0.0066				
5/7/2013	0.044	0.0035 (J)				0.019	0.0078	0.0036 (J)
5/8/2013			<0.002	0.0082	0.0059			
11/4/2013		0.0056 (J)	<0.002	0.013			0.0055 (J)	0.0032 (J)
11/5/2013	0.023				0.0044 (J)	0.0057 (J)		
5/23/2014	0.022				0.0087 (J)	0.0084 (J)		
5/24/2014		0.005 (J)	<0.002	0.012			0.0075 (J)	0.0043 (J)
11/7/2014	0.013	0.004 (J)	<0.002	0.0084 (J)	0.0048 (J)	0.011		
11/8/2014							0.0048 (J)	<0.002
5/20/2015		0.0062 (J)	0.0025 (O)					
5/21/2015	0.029				0.006 (J)	0.013	0.0082 (J)	0.002 (J)
5/22/2015				0.0096 (J)				
11/12/2015	0.045				0.007 (J)	0.015		
11/13/2015		0.0067 (J)	0.0042 (O)	0.011			0.0079 (J)	<0.002
4/6/2016								0.00278 (J)
4/7/2016		0.00467 (J)	<0.002		0.0056 (J)	0.00498 (J)		
4/8/2016	<0.002						<0.002	
4/11/2016				0.0101				
6/14/2016	<0.002	<0.002	<0.002		<0.002		<0.002	<0.002
6/16/2016				<0.002				
6/17/2016						<0.002		
8/9/2016	0.008	0.0041	<0.002		0.0053		0.0079	
8/10/2016						0.0047		0.0019 (J)
8/11/2016				0.0097				
10/10/2016		0.0041	<0.002					
10/11/2016	0.0079				0.0058		0.0069	0.0024 (J)
10/13/2016				0.012				
10/14/2016						0.0056		
12/2/2016		0.0039	<0.002		0.0071			0.0023 (J)
12/5/2016	0.0057			0.012			0.0077	
12/19/2016						0.0039		
2/9/2017			<0.002		0.0051			
2/10/2017	0.0062	0.0044					0.0098	0.0021 (J)
2/13/2017				0.011		0.0059		

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 12/1/2022 9:29 AM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-21 (bg)
4/7/2017	0.0072	0.0046	<0.002		0.006	0.0051	0.0081	
4/10/2017								0.002 (J)
4/11/2017				0.011				
6/22/2017	0.0074		<0.002		0.0056	0.005		
6/23/2017		0.005						0.0018 (J)
6/24/2017				0.0095				
6/26/2017							0.0084	
10/9/2017							0.0082	0.0016 (J)
10/10/2017	0.0072	0.0088	<0.002		0.0073	0.005		
10/11/2017				0.0096				
3/22/2018	0.0074		<0.002 (D)		0.0051			
3/23/2018		0.0045				0.005		
3/26/2018				0.012			0.0088	0.0011 (J)
10/3/2018			<0.002		0.0052	0.0051	0.0086	0.0014 (J)
10/4/2018		0.0047		0.016				
10/5/2018	0.0083							
3/27/2019	0.0081	0.0048	<0.002		0.0056	0.0051	0.0078	0.003
3/28/2019				0.019				
9/12/2019	0.0088	0.0051	<0.002	0.027	0.0075	0.0085	0.0092	0.0047
3/19/2020		0.0043	<0.002	0.029	0.0055	0.0063	0.011	0.0026
3/20/2020	0.0085							
9/10/2020					0.0063		0.0077	0.0019 (J)
9/11/2020	0.0081	0.0042	<0.002	0.028		0.0053		
4/2/2021			<0.002				0.01	0.0029
4/5/2021	0.0084	0.0041		0.031		0.0061		
4/6/2021					0.0055			
8/12/2021		0.0045	<0.002		0.0096	0.0058	0.008	0.0016 (J)
8/13/2021	0.0082							
8/17/2021				0.034				
2/14/2022	0.0086	0.0047	<0.002	0.036	0.0076	0.0058		0.0026
2/15/2022							0.013	
8/26/2022							0.0078	0.0016 (J)
8/30/2022					0.0064			
8/31/2022	0.0084	0.0048	<0.002	0.038		0.0059		

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:29 AM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-21 (bg)	GWC-50	GWA-22 (bg)
12/20/2010	<0.001	<0.001	<0.001					
12/21/2010				<0.001	0.0052			
12/22/2010						<0.001	<0.001	0.003 (O)
2/1/2011	0.0072	<0.001						
2/14/2011			<0.001	<0.001	0.016	<0.001		<0.001
2/15/2011							<0.001	
3/21/2011		<0.001	<0.001	<0.001				
3/22/2011						<0.001	<0.001	<0.001
3/23/2011	<0.001				<0.001			
4/26/2011		<0.001	<0.001	<0.001		<0.001		<0.001
4/27/2011	<0.001				<0.001		<0.001	
10/25/2011					<0.001			
10/26/2011	<0.001		<0.001	<0.001			<0.001	
10/27/2011		<0.001				<0.001		<0.001
5/1/2012	<0.001		<0.001		0.0035 (J)	<0.001		<0.001
5/2/2012		<0.001		<0.001			<0.001	
11/8/2012	0.0066	0.0035 (O)	<0.001	<0.001	0.0046 (J)	<0.001	<0.001	<0.001
5/7/2013	0.022	<0.001			0.0087	<0.001		<0.001
5/8/2013			<0.001	<0.001			<0.001	
11/4/2013		<0.001	<0.001			<0.001	<0.001	<0.001
11/5/2013	0.0093			<0.001	0.0036 (J)			
5/23/2014	0.0045 (J)			<0.001	<0.001			
5/24/2014		<0.001	<0.001			<0.001	<0.001	<0.001
11/7/2014	0.0049 (J)	<0.001	<0.001	<0.001	0.0064			
11/8/2014						<0.001	<0.001	<0.001
5/20/2015		<0.001	<0.001					
5/21/2015	0.012			<0.001	0.0045 (J)	<0.001		<0.001
5/22/2015							<0.001	
11/12/2015	0.019			<0.001	0.0036 (J)			
11/13/2015		<0.001	<0.001			<0.001	<0.001	<0.001
4/6/2016						<0.001		
4/7/2016		<0.001	<0.001	<0.001	<0.001			
4/8/2016	<0.001							<0.001
4/11/2016							<0.001	
10/10/2016		<0.001	<0.001					
10/11/2016	<0.001			<0.001		<0.001	<0.001	<0.001
10/14/2016					<0.001			
4/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
4/10/2017						<0.001		
10/9/2017						0.0024 (O)		<0.001
10/10/2017	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
3/22/2018	<0.001		<0.001 (D)	<0.001				
3/23/2018		<0.001			<0.001		<0.001	
3/26/2018						<0.001		<0.001 (D)
10/3/2018			<0.001	<0.001	<0.001	<0.001		<0.001
10/4/2018		<0.001					<0.001	
10/5/2018	<0.001							
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
3/28/2019							<0.001	
9/12/2019	<0.001	0.0004 (J)	0.00061 (J)	0.00043 (J)	<0.001	0.00097 (J)	0.0012	<0.001
3/19/2020		<0.001	0.00074 (J)	<0.001	0.0004 (J)	0.00037 (J)	0.0015	<0.001
3/20/2020	<0.001							

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 12/1/2022 9:29 AM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-21 (bg)	GWC-50	GWA-22 (bg)
9/10/2020				0.00062 (J)		0.00095 (J)	0.0017	<0.001
9/11/2020	<0.001	<0.001	0.001		<0.001			
4/2/2021			0.00077 (J)			0.00046 (J)		0.00049 (J)
4/5/2021	<0.001	<0.001			0.00034 (J)			
4/6/2021				<0.001			0.0019	
8/12/2021		<0.001	0.00092 (J)	0.0019	<0.001	0.0011		0.00042 (J)
8/13/2021	<0.001						0.0036	
2/14/2022	<0.001	<0.001	<0.001	0.00088 (J)	<0.001	<0.001	0.0026	
2/15/2022								0.0014
8/26/2022						0.0012		0.00065 (J)
8/30/2022				0.00074 (J)				
8/31/2022	<0.001	0.00056 (J)	0.00065 (J)		<0.001		0.0031	

FIGURE F.

Appendix I Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:26 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-45 (bg)	0.004643	271	131	Yes	28	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.0004042	242	152	Yes	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0004948	280	161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-50	0.0002269	172	161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.0008853	391	161	Yes	32	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.000396	-278	-161	Yes	32	12.5	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005551	298	161	Yes	32	6.25	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.001943	314	161	Yes	32	3.125	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-48 (bg)	-0.0001321	-142	-124	Yes	27	59.26	n/a	n/a	0.01	NP

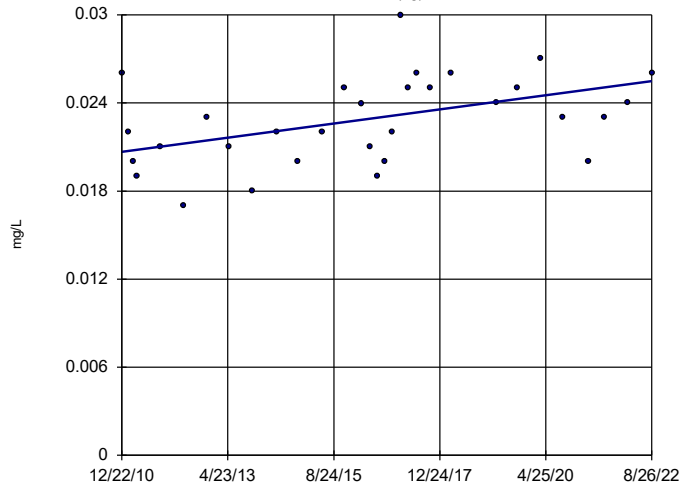
Appendix I Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:26 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-21 (bg)	0.0004129	149	152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003287	-149	-161	No	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.004643	271	131	Yes	28	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.0004042	242	152	Yes	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-47 (bg)	-0.0006042	-85	-152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-48 (bg)	0	-9	-146	No	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-49 (bg)	0	48	161	No	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0004948	280	161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-50	0.0002269	172	161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.0008853	391	161	Yes	32	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.000396	-278	-161	Yes	32	12.5	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005551	298	161	Yes	32	6.25	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-45 (bg)	0	0	146	No	30	100	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-46 (bg)	0.00004199	66	161	No	32	3.125	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-47 (bg)	0	0	161	No	32	6.25	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-48 (bg)	-0.0001533	-60	-161	No	32	6.25	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-49 (bg)	0.00004008	26	161	No	32	3.125	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.001943	314	161	Yes	32	3.125	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-21 (bg)	0	-27	-118	No	26	76.92	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-22 (bg)	0	-42	-118	No	26	84.62	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-45 (bg)	0	-94	-124	No	27	77.78	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-46 (bg)	0	-37	-118	No	26	92.31	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-47 (bg)	0	-76	-124	No	27	70.37	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-48 (bg)	-0.0001321	-142	-124	Yes	27	59.26	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-49 (bg)	0	-56	-124	No	27	81.48	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWC-50	0	37	124	No	27	74.07	n/a	n/a	0.01	NP

Sen's Slope Estimator

GWA-21 (bg)

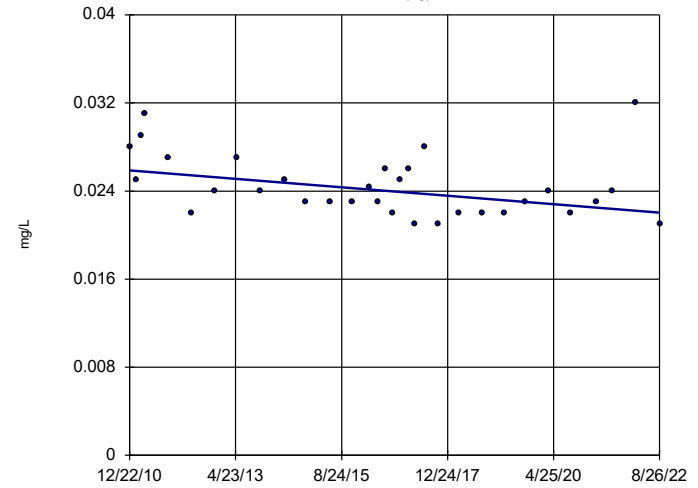


n = 31
 Slope = 0.0004129
 units per year.
 Mann-Kendall
 statistic = 149
 critical = 152
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

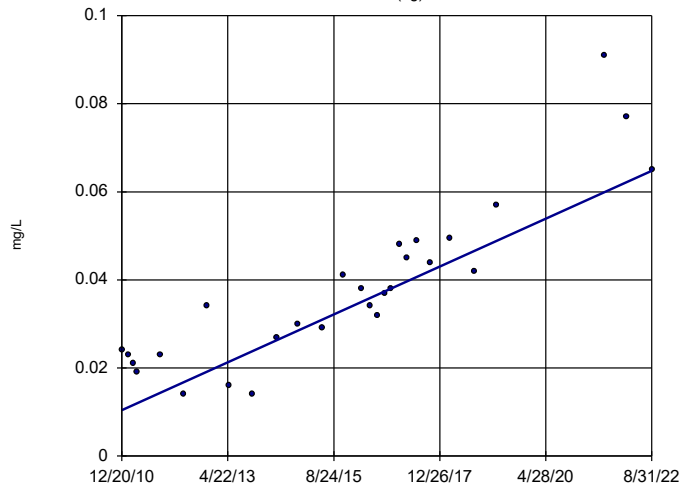


n = 32
 Slope = -0.0003287
 units per year.
 Mann-Kendall
 statistic = -149
 critical = -161
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

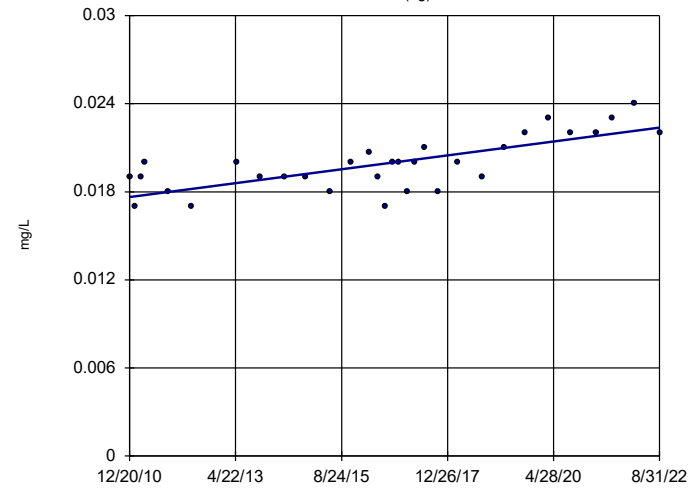


n = 28
 Slope = 0.004643
 units per year.
 Mann-Kendall
 statistic = 271
 critical = 131
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

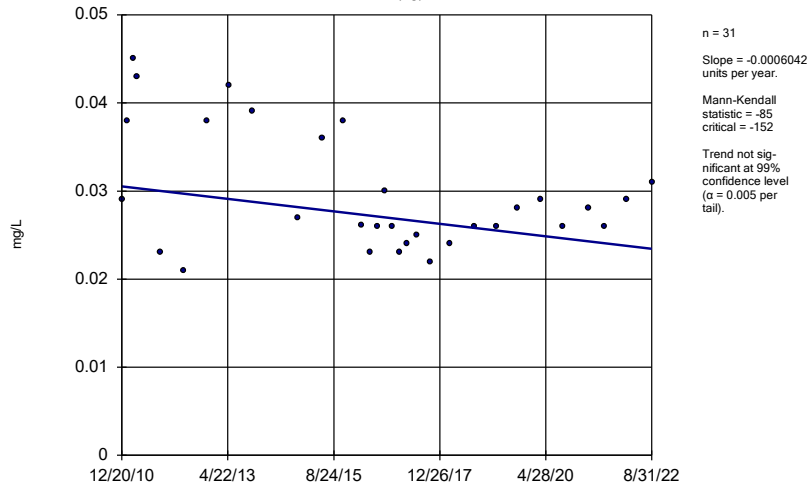


n = 31
 Slope = 0.0004042
 units per year.
 Mann-Kendall
 statistic = 242
 critical = 152
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

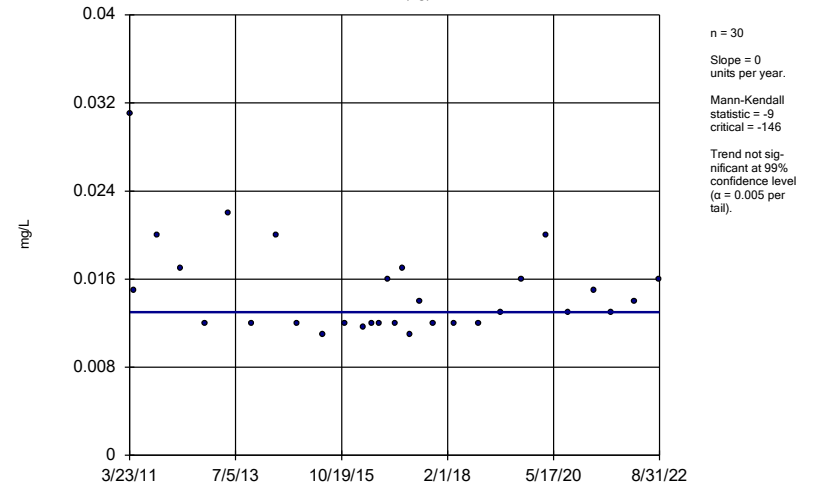
GWA-47 (bg)



Constituent: Barium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

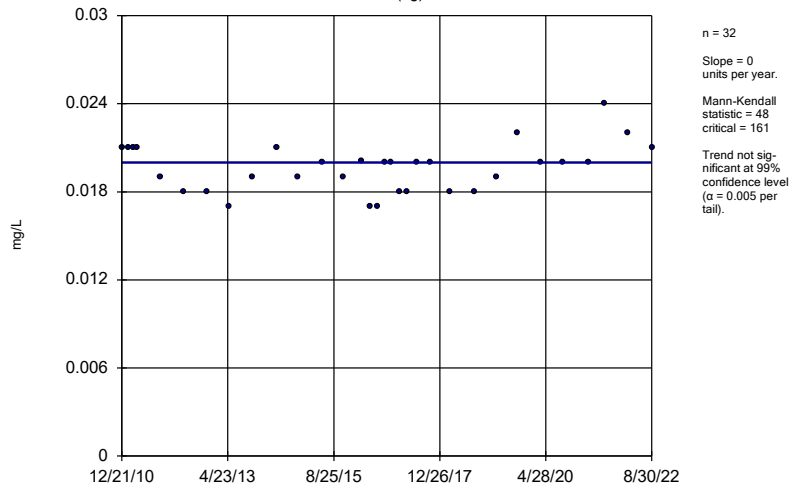
GWA-48 (bg)



Constituent: Barium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

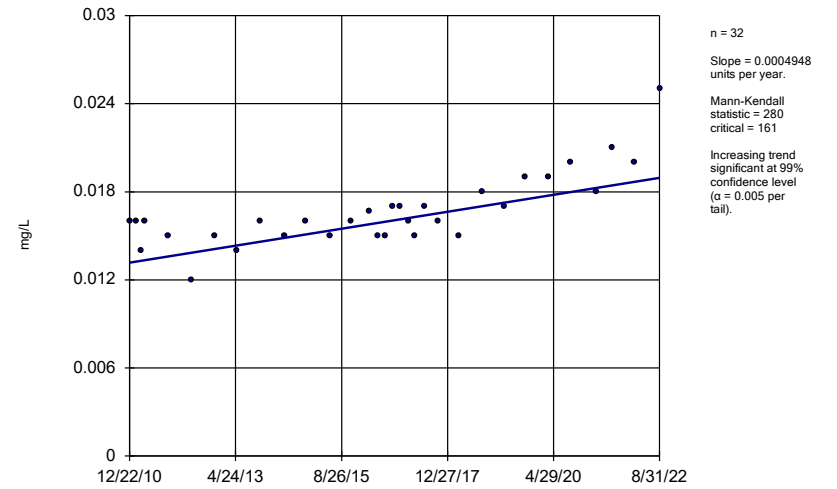
GWA-49 (bg)



Constituent: Barium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

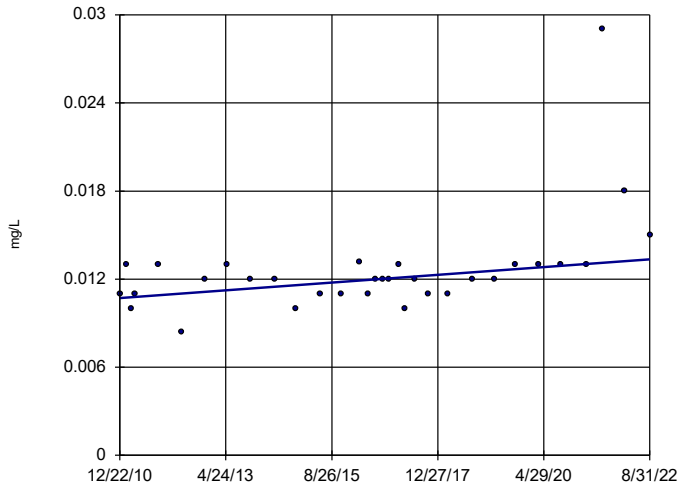
GWC-29



Constituent: Barium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-50

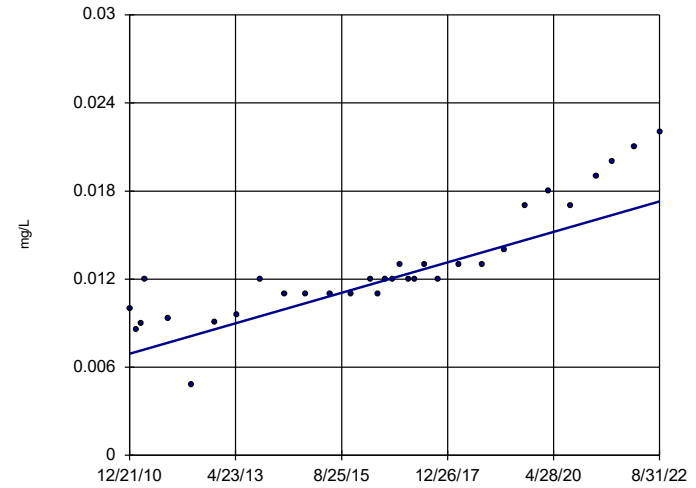


n = 32
 Slope = 0.0002269
 units per year.
 Mann-Kendall
 statistic = 172
 critical = 161
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52

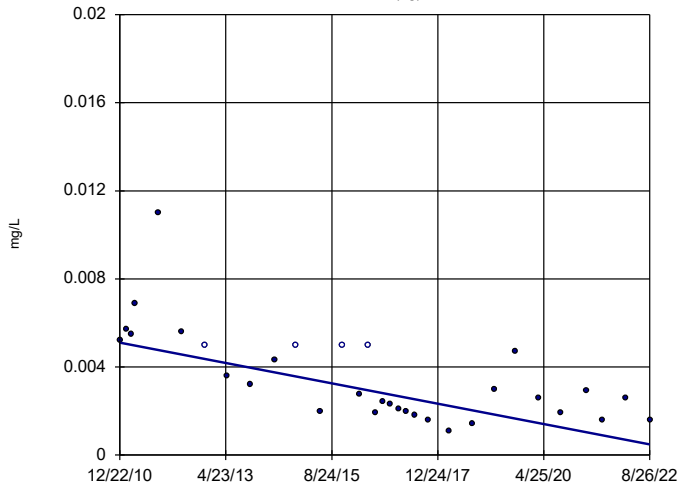


n = 32
 Slope = 0.0008853
 units per year.
 Mann-Kendall
 statistic = 391
 critical = 161
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-21 (bg)

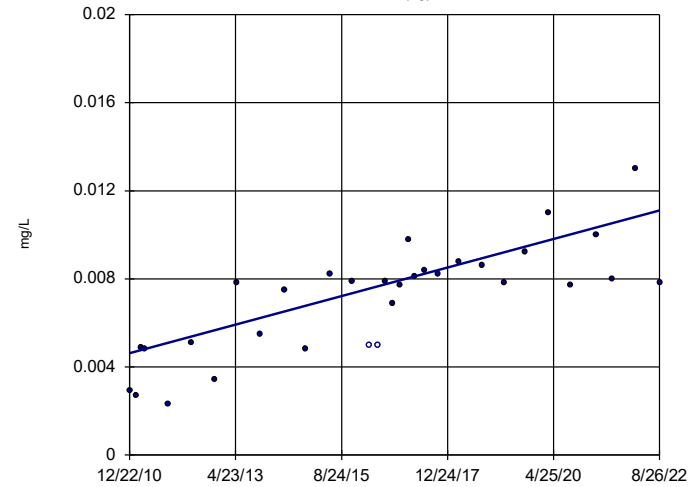


n = 32
 Slope = -0.000396
 units per year.
 Mann-Kendall
 statistic = -278
 critical = -161
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chromium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

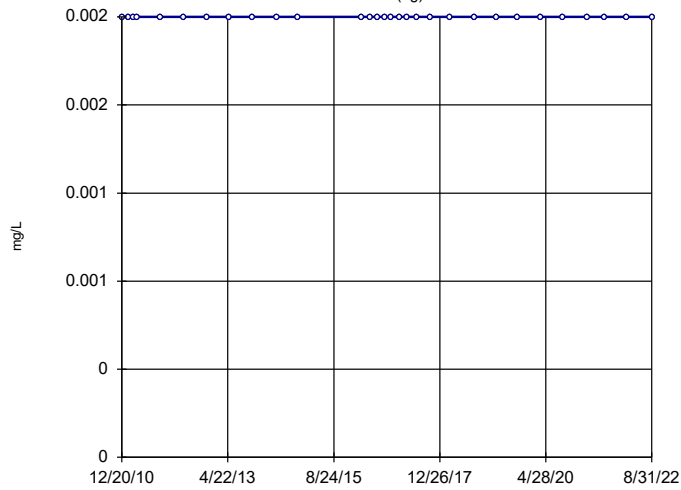


n = 32
 Slope = 0.0005551
 units per year.
 Mann-Kendall
 statistic = 298
 critical = 161
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chromium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

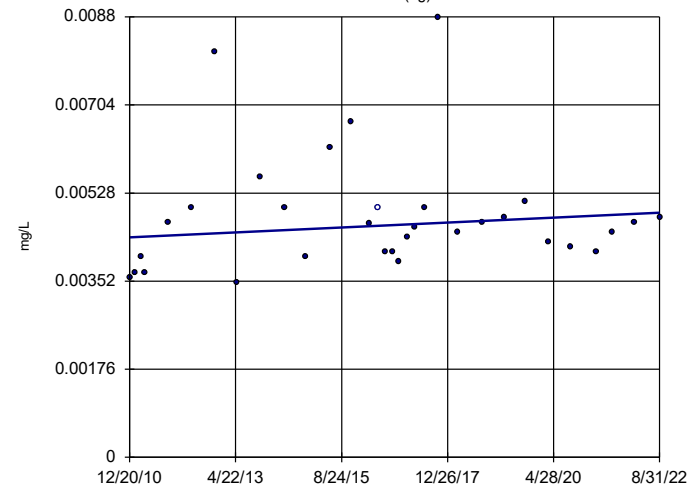


n = 30
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 146
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

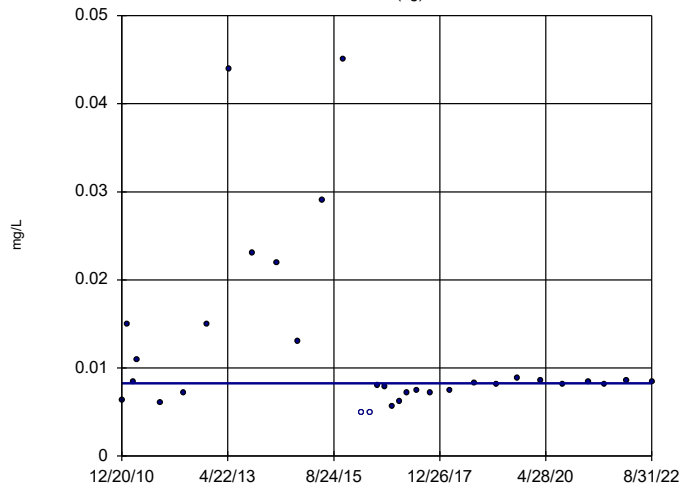


n = 32
Slope = 0.00004199
units per year.
Mann-Kendall
statistic = 66
critical = 161
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

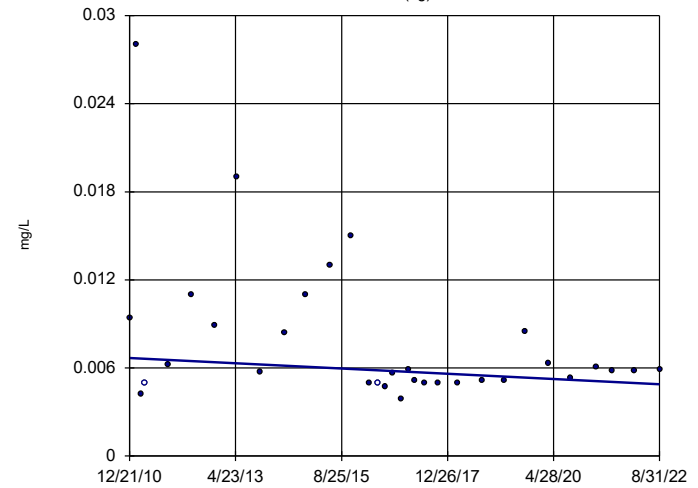


n = 32
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 161
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

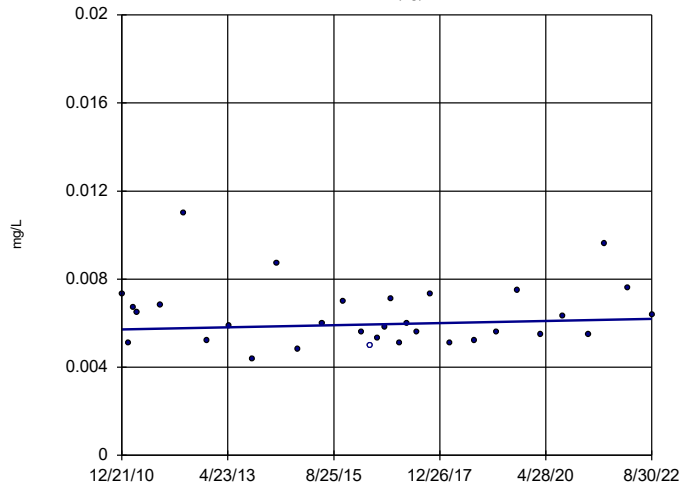


n = 32
Slope = -0.0001533
units per year.
Mann-Kendall
statistic = -60
critical = -161
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

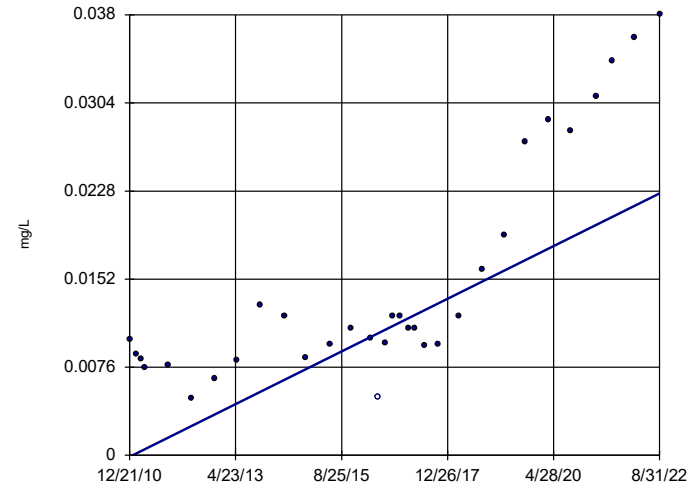


n = 32
Slope = 0.00004008 units per year.
Mann-Kendall statistic = 26
critical = 161
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52

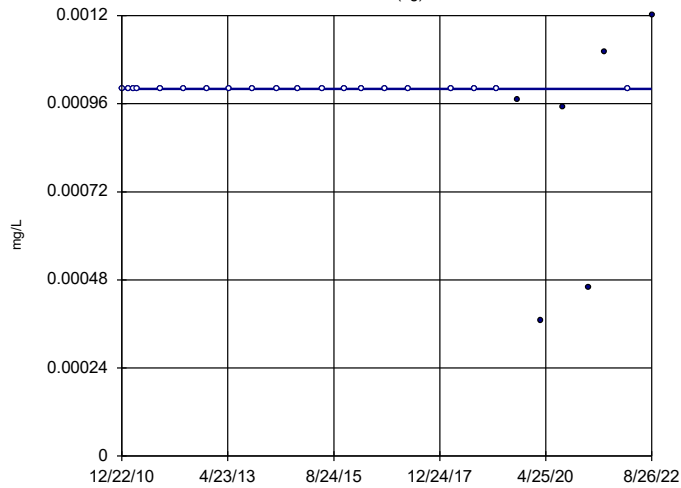


n = 32
Slope = 0.001943 units per year.
Mann-Kendall statistic = 314
critical = 161
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-21 (bg)

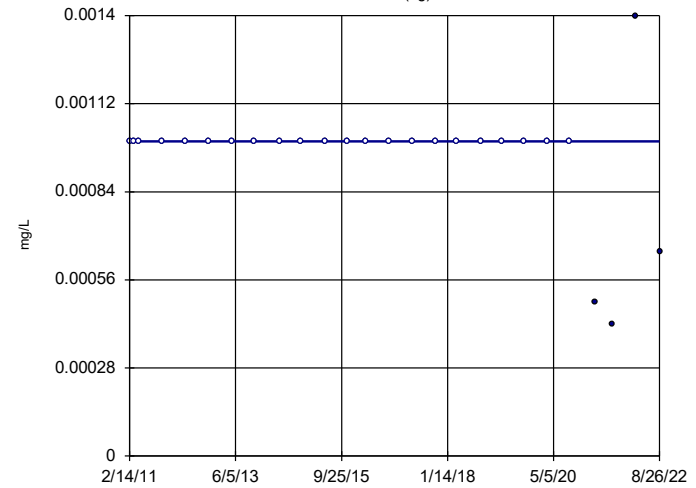


n = 26
Slope = 0 units per year.
Mann-Kendall statistic = -27
critical = -118
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

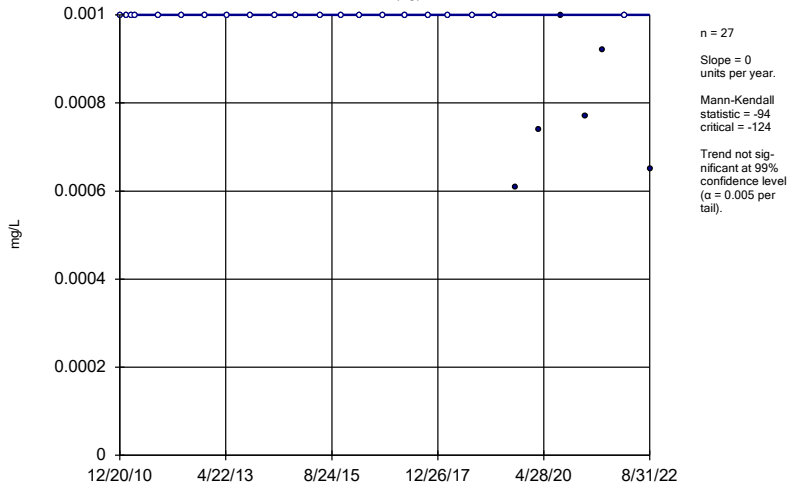


n = 26
Slope = 0 units per year.
Mann-Kendall statistic = -42
critical = -118
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

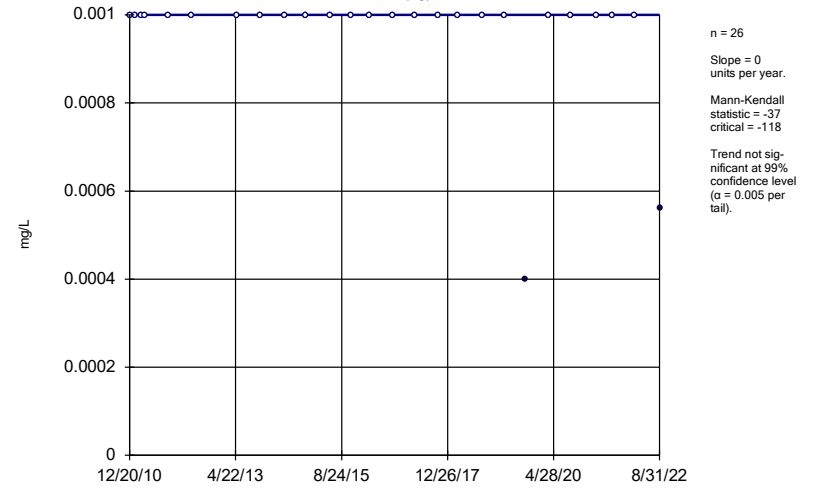
GWA-45 (bg)



Constituent: Nickel, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

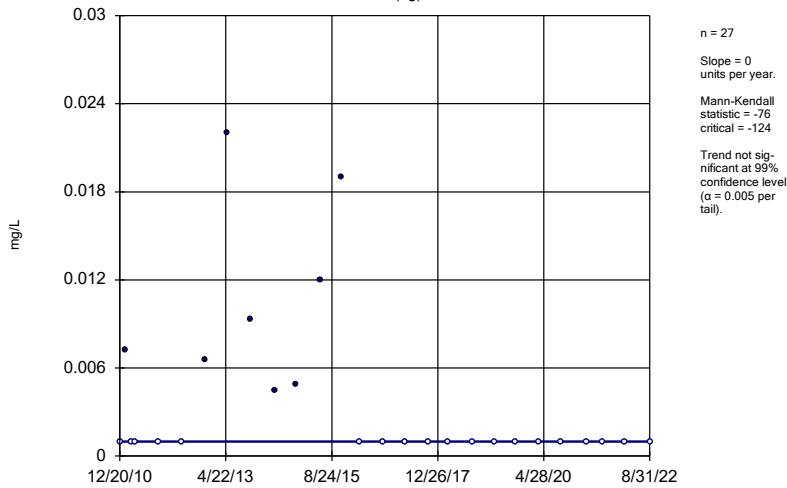
GWA-46 (bg)



Constituent: Nickel, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

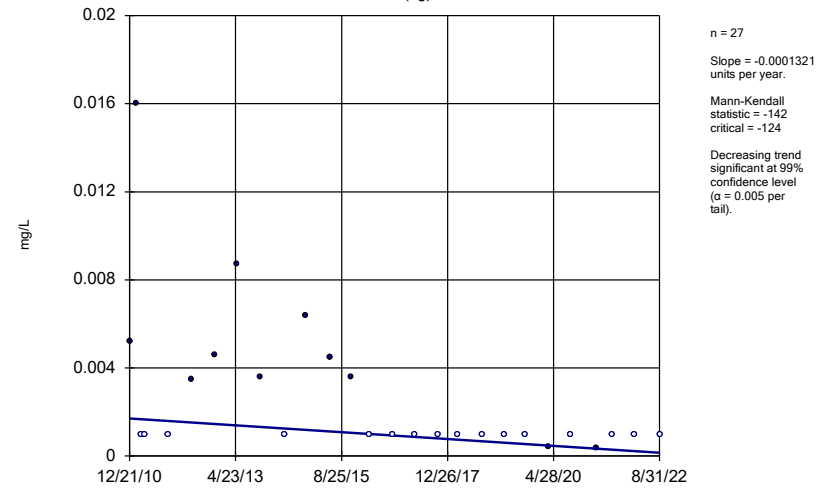
GWA-47 (bg)



Constituent: Nickel, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

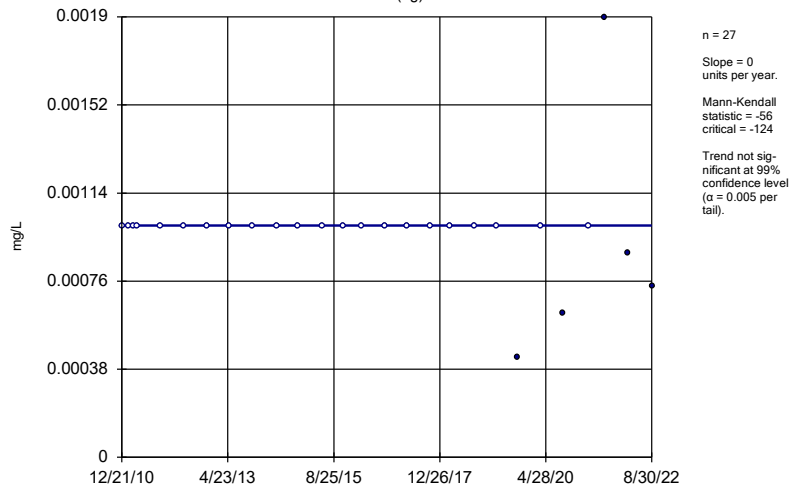
GWA-48 (bg)



Constituent: Nickel, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

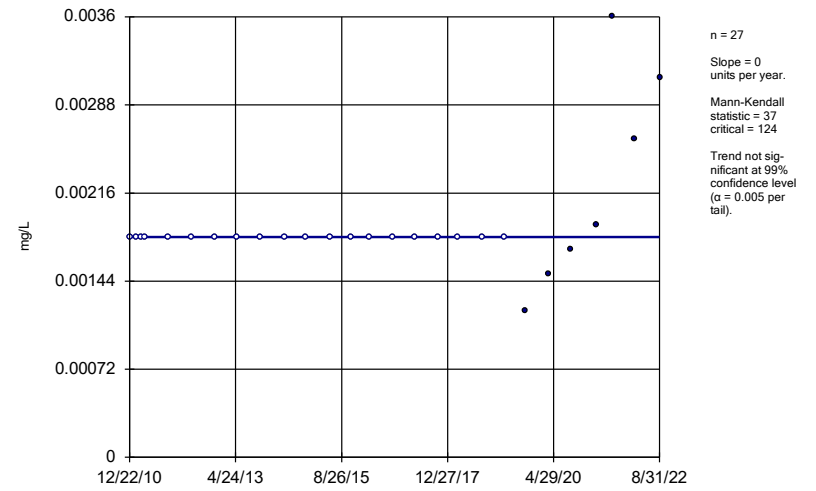
GWA-49 (bg)



Constituent: Nickel, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-50



Constituent: Nickel, Total Analysis Run 12/1/2022 9:25 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

FIGURE G.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-29	16	n/a	8/31/2022	17	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-52	19.24	n/a	8/31/2022	21	Yes	15	14.34	2.233	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	12	n/a	8/31/2022	13	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	4.852	n/a	8/31/2022	5.1	Yes	15	3.488	0.6223	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.599	n/a	8/31/2022	7.7	Yes	14	6.793	0.3605	0	None	No	0.001504	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	8/30/2022	7.08	Yes	17	6.858	0.09329	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	8/31/2022	6.21	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2
Sulfate (mg/L)	GWA-21	2.604	n/a	8/26/2022	2.7	Yes	15	1.338	0.5772	6.667	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1	n/a	8/31/2022	1.1	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1	n/a	8/31/2022	1.1	Yes	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.35	n/a	8/31/2022	65	Yes	11	12.57	5.74	9.091	None	No	0.001504	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq	N	Bq Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	8/26/2022	0.08ND	No	15	n/a	n/a	86.67	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.23	n/a	8/31/2022	1.2	No	15	0.5984	0.288	0	None	No	n/a	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	8/31/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.08	n/a	8/31/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	8/31/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.103	n/a	8/31/2022	1	No	15	0.9376	0.0752	0	None	No	n/a	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.54	n/a	8/26/2022	6.8	No	15	8.885	1.213	0	None	No	n/a	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.681	n/a	8/26/2022	7.8	No	15	6.973	1.235	0	None	No	n/a	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	46.75	n/a	8/31/2022	23	No	15	36.75	4.558	0	None	No	n/a	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.002	n/a	8/31/2022	5.7	No	15	5.705	0.5914	0	None	No	n/a	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.34	n/a	8/31/2022	12	No	15	10.91	0.6552	0	None	No	n/a	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.32	n/a	8/31/2022	12	No	15	12.53	0.813	0	None	No	n/a	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	15.64	n/a	8/30/2022	14	No	15	14.17	0.6715	0	None	No	n/a	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-29	16	n/a	8/31/2022	17	Yes	15	n/a	n/a	0	n/a	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-50	8.176	n/a	8/31/2022	7.1	No	15	7.156	0.465	0	None	No	n/a	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	7.763	n/a	8/31/2022	7.2	No	15	6.72	0.4754	0	None	No	n/a	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	19.24	n/a	8/31/2022	21	Yes	15	14.34	2.233	0	None	No	n/a	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-53	21.11	n/a	8/31/2022	17	No	15	17.19	1.786	0	None	No	n/a	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.319	n/a	8/26/2022	3.6	No	15	3.296	0.4668	0	None	No	n/a	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	4.968	n/a	8/26/2022	2	No	15	2.927	0.9308	0	None	No	n/a	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	12	n/a	8/31/2022	13	Yes	15	n/a	n/a	0	n/a	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	4.852	n/a	8/31/2022	5.1	Yes	15	3.488	0.6223	0	None	No	n/a	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.787	n/a	8/31/2022	1.5	No	15	1.478	0.1408	0	None	No	n/a	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	1.996	n/a	8/31/2022	1.6	No	14	1.724	0.1215	0	None	No	n/a	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.384	n/a	8/30/2022	2.2	No	15	2.072	0.1421	0	None	No	n/a	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.145	n/a	8/31/2022	3.5	No	14	3.393	0.3362	0	None	No	n/a	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.183	n/a	8/31/2022	1.6	No	15	1.953	0.105	0	None	No	n/a	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.599	n/a	8/31/2022	7.7	Yes	14	6.793	0.3605	0	None	No	n/a	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.538	n/a	8/31/2022	7.6	No	14	7.9	0.2855	0	None	No	n/a	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	8/31/2022	13	No	15	n/a	n/a	0	n/a	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-21	0.082	n/a	8/26/2022	0.092J	No	15	n/a	n/a	66.67	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	8/26/2022	0.028J	No	15	n/a	n/a	73.33	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	8/31/2022	0.033J	No	15	n/a	n/a	80	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.1	n/a	8/31/2022	0.033J	No	15	n/a	n/a	86.67	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	8/31/2022	0.056J	No	15	n/a	n/a	80	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	8/31/2022	0.053J	No	15	n/a	n/a	60	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.082	n/a	8/30/2022	0.044J	No	15	n/a	n/a	66.67	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.082	n/a	8/31/2022	0.082J	No	15	n/a	n/a	66.67	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	8/31/2022	0.065J	No	15	n/a	n/a	73.33	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	8/31/2022	0.066J	No	15	n/a	n/a	73.33	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	8/31/2022	0.053J	No	15	n/a	n/a	73.33	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	8/31/2022	0.055J	No	15	n/a	n/a	100	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-21	5.979	5.611	8/26/2022	5.73	No	17	5.795	0.08654	0	None	No	n/a	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.255	5.546	8/26/2022	5.86	No	18	5.901	0.1685	0	None	No	n/a	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.48	5.95	8/31/2022	6.03	No	17	n/a	n/a	0	n/a	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	8/31/2022	5.8	No	17	n/a	n/a	0	n/a	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	8/31/2022	6.53	No	19	6.443	0.06488	0	None	No	n/a	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.953	6.562	8/31/2022	6.91	No	17	6.758	0.09196	0	None	No	n/a	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	8/30/2022	7.08	Yes	17	6.858	0.09329	0	None	No	n/a	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	8/31/2022	6.21	Yes	17	5.855	0.09566	0	None	No	n/a	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-50	5.967	5.667	8/31/2022	5.85	No	18	5.817	0.07136	0	None	No	n/a	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	8/31/2022	5.91	No	18	5.854	0.05721	0	None	No	n/a	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	8/31/2022	6.74	No	18	6.652	0.06447	0	None	No	n/a	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.76	5.427	8/31/2022	5.59	No	17	5.594	0.07834	0	None	No	n/a	0.000752	Param Intra 1 of 2

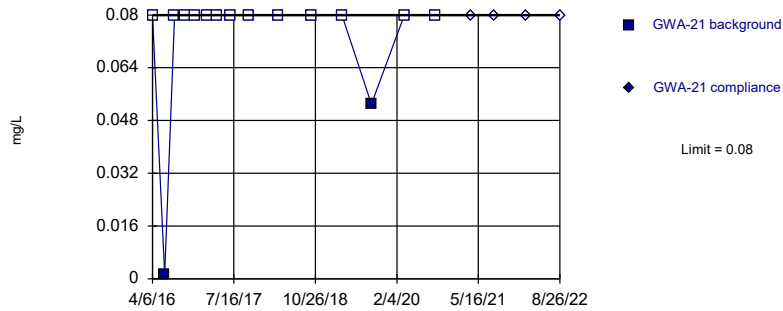
Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 9:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWA-21	2.604	n/a	8/26/2022	2.7	Yes	15	1.338	0.5772	6.667	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1	n/a	8/26/2022	1ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	183.3	n/a	8/31/2022	170	No	15	147.8	16.19	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1	n/a	8/31/2022	1.1	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1	n/a	8/31/2022	1.1	Yes	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.689	n/a	8/31/2022	1.6	No	15	1.235	0.2069	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1	n/a	8/30/2022	0.76J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.631	n/a	8/31/2022	2.8	No	15	2.56	0.4885	6.667	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	1	n/a	8/31/2022	0.88J	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	2.7	n/a	8/31/2022	2.4	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.35	n/a	8/31/2022	65	Yes	11	12.57	5.74	9.091	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	186.4	n/a	8/31/2022	170	No	15	153.7	14.9	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	129.8	n/a	8/26/2022	110	No	15	85.4	20.24	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	105.2	n/a	8/26/2022	83	No	15	66.13	17.82	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	366.7	n/a	11/16/2022	300	No	15	271.8	43.29	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	94.72	n/a	11/16/2022	55	No	15	51.77	19.59	6.667	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	118.4	n/a	11/16/2022	94	No	15	86.07	14.72	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	126.5	n/a	11/16/2022	100	No	15	92.53	15.48	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	131.2	n/a	11/16/2022	110	No	14	107.4	10.65	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	139.5	n/a	11/16/2022	110	No	15	90.67	22.27	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	119.1	n/a	11/16/2022	76	No	15	70.53	22.17	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	108.7	n/a	11/16/2022	89	No	14	77.07	14.12	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	193.6	n/a	11/16/2022	180	No	15	128.3	29.78	0	None	No	0.001504	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	332.3	n/a	11/16/2022	270	No	15	254.5	35.48	0	None	No	0.001504	Param Intra 1 of 2

Within Limit

Prediction Limit
Intrawell Non-parametric

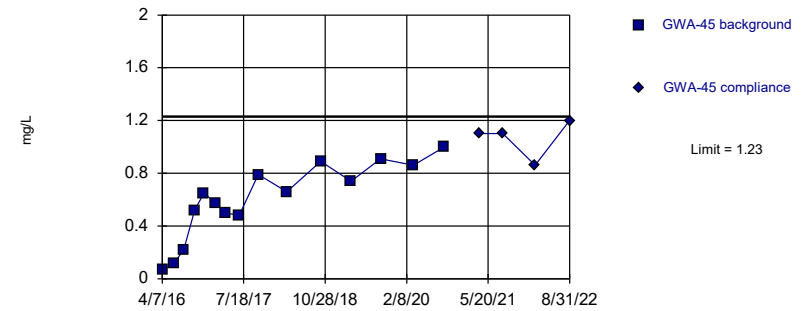


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

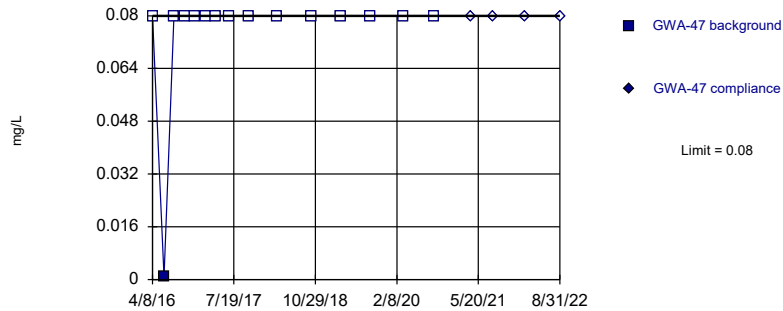


Background Data Summary: Mean=0.5984, Std. Dev.=0.288, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9372, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

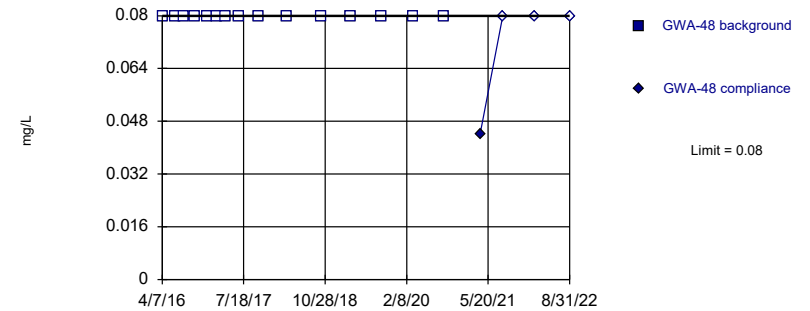


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

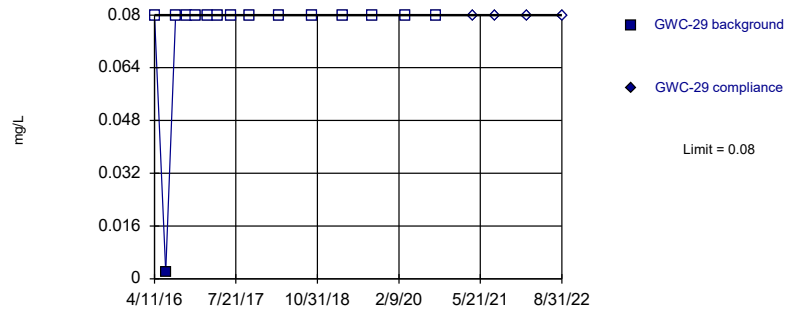


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

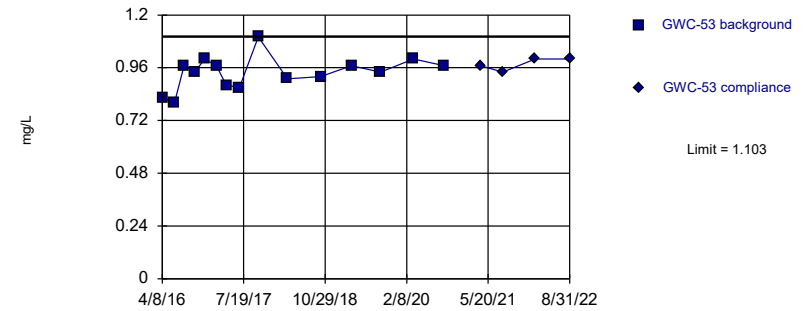


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

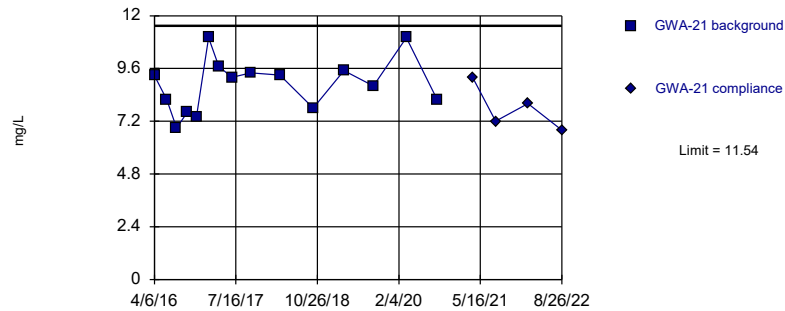


Background Data Summary: Mean=0.9376, Std. Dev.=0.0752, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

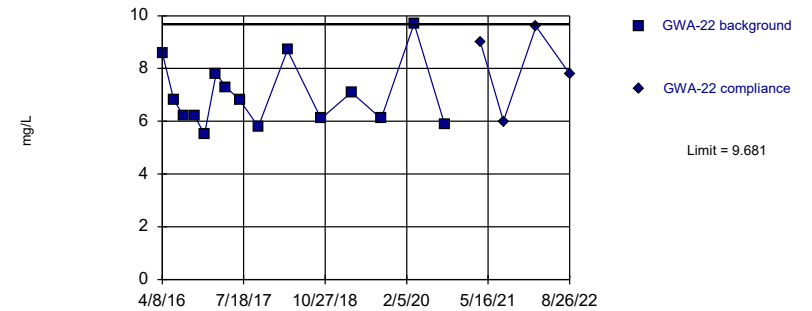


Background Data Summary: Mean=8.885, Std. Dev.=1.213, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

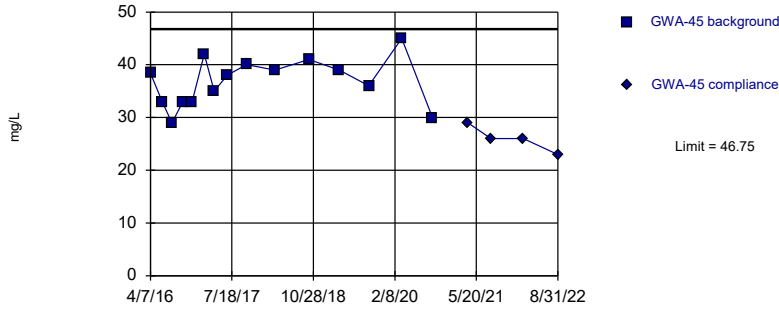


Background Data Summary: Mean=6.973, Std. Dev.=1.235, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8995, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

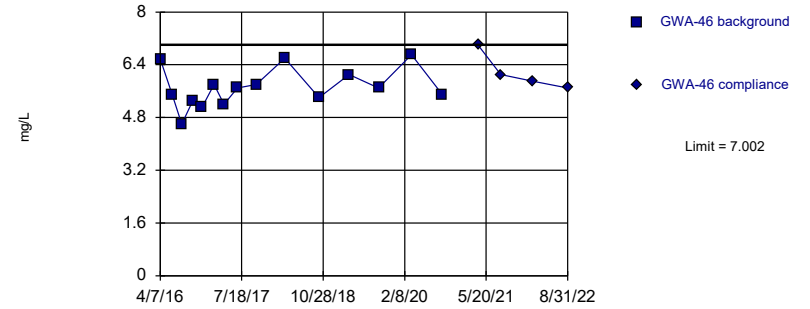


Background Data Summary: Mean=36.75, Std. Dev.=4.558, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

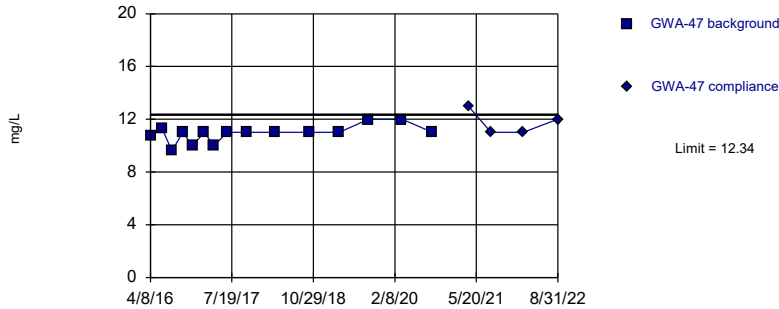


Background Data Summary: Mean=5.705, Std. Dev.=0.5914, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9516, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

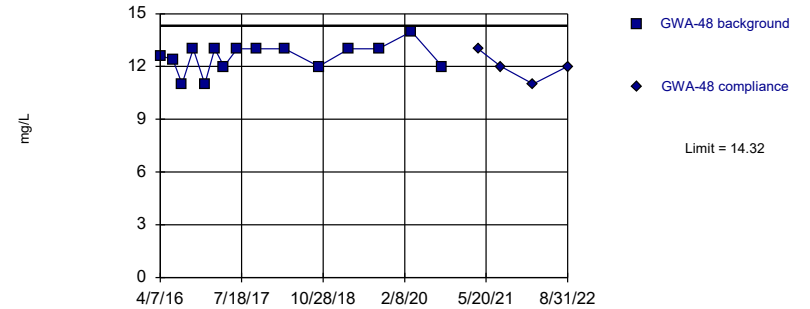


Background Data Summary: Mean=10.91, Std. Dev.=0.6552, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8635, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

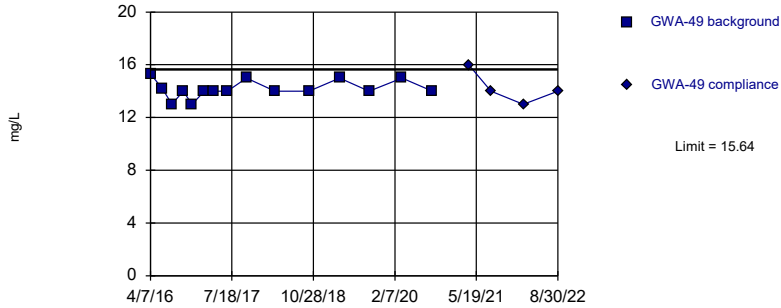


Background Data Summary: Mean=12.53, Std. Dev.=0.813, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8771, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

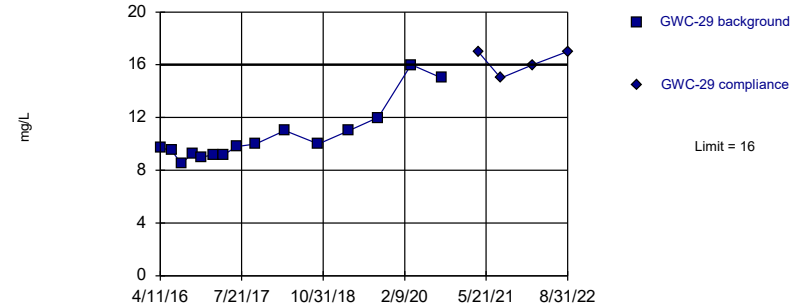


Background Data Summary: Mean=14.17, Std. Dev.=0.6715, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8453, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Non-parametric

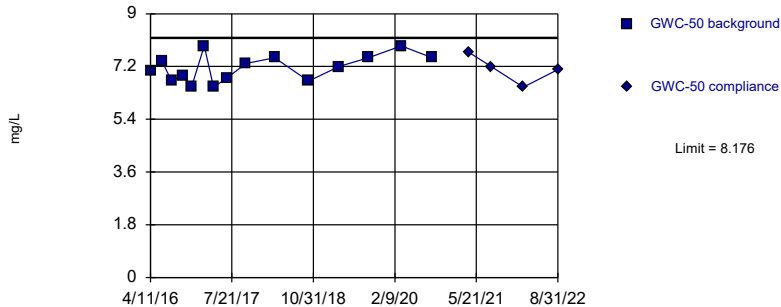


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Calcium Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

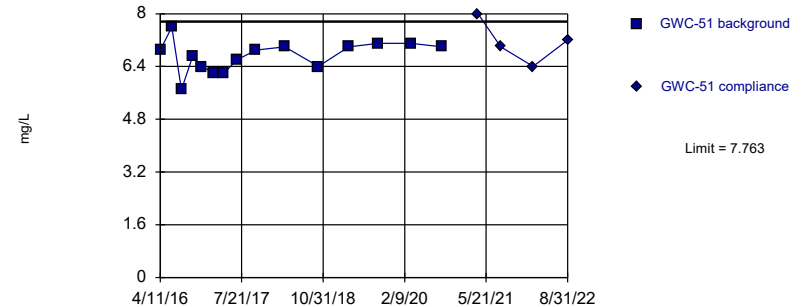


Background Data Summary: Mean=7.156, Std. Dev.=0.465, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9366, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

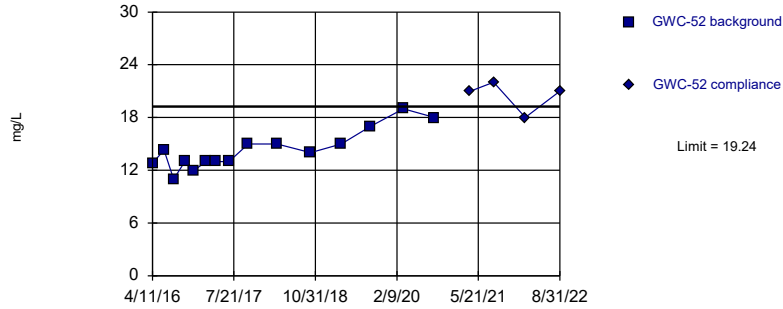


Background Data Summary: Mean=6.72, Std. Dev.=0.4754, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.955, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

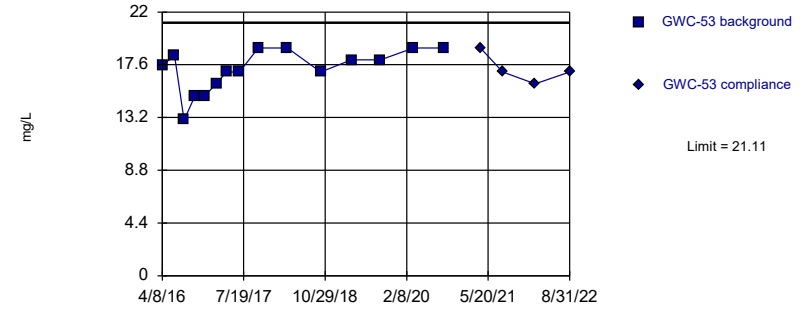


Background Data Summary: Mean=14.34, Std. Dev.=2.233, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9238, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

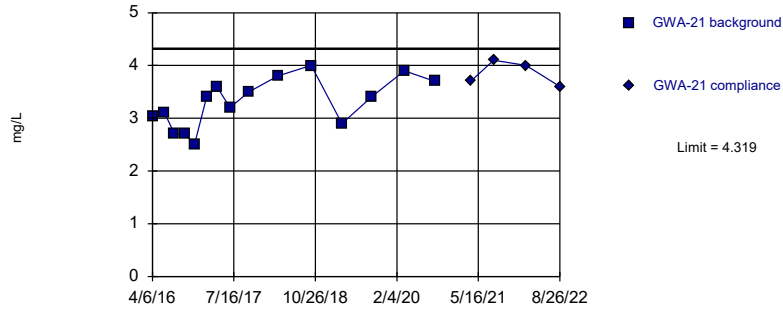


Background Data Summary: Mean=17.19, Std. Dev.=1.786, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8874, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

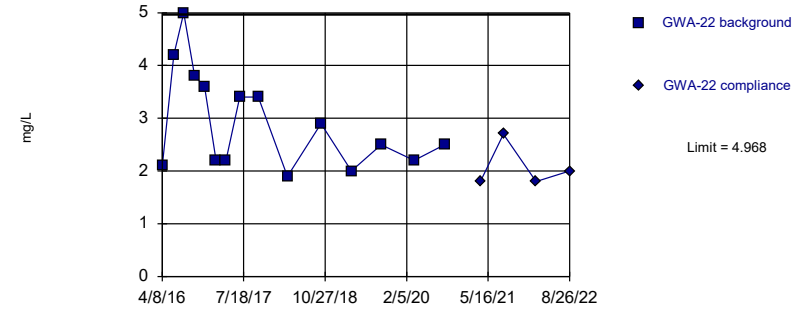


Background Data Summary: Mean=3.296, Std. Dev.=0.4668, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9635, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

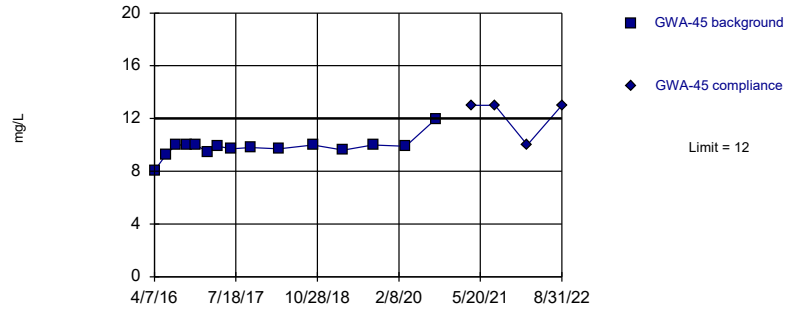


Background Data Summary: Mean=2.927, Std. Dev.=0.9308, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8957, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

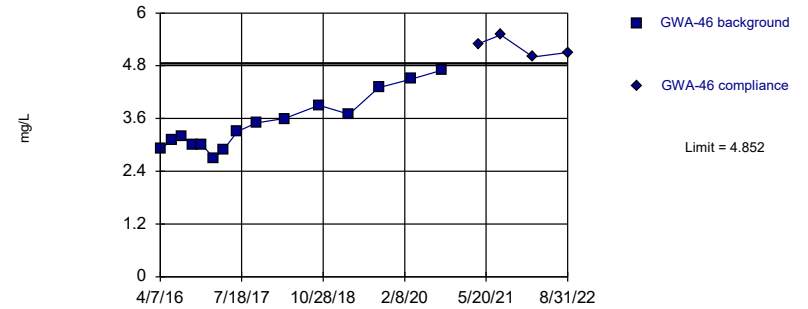


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

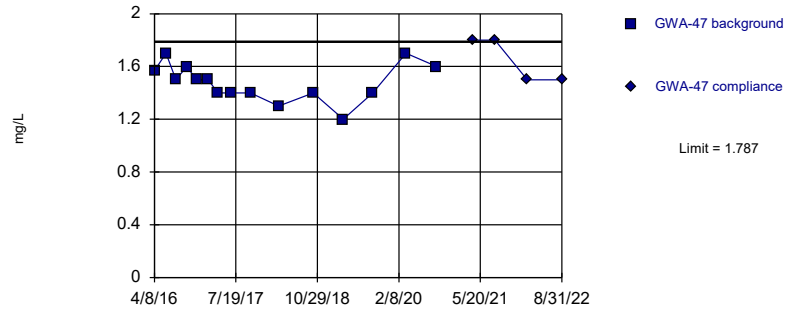


Background Data Summary: Mean=3.488, Std. Dev.=0.6223, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9136, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

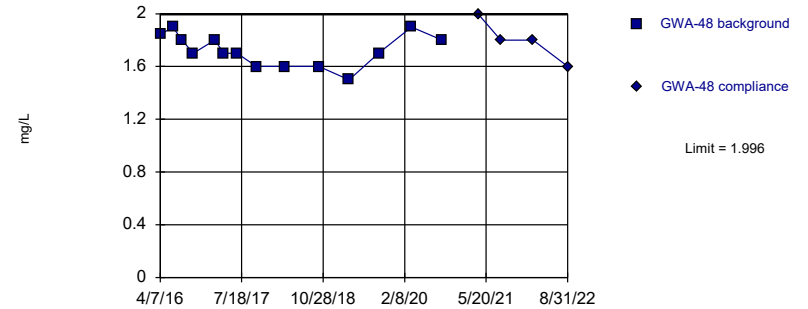


Background Data Summary: Mean=1.478, Std. Dev.=0.1408, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9491, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

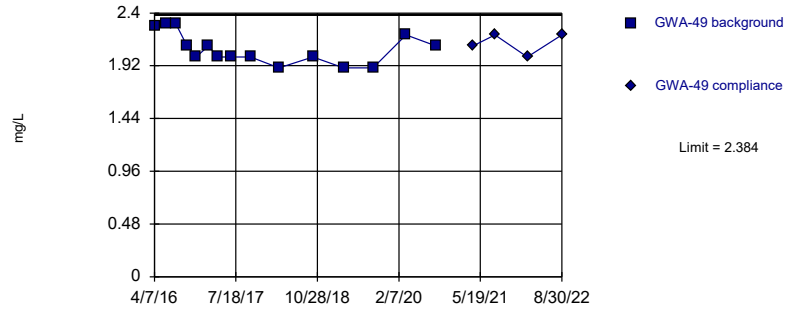
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.724, Std. Dev.=0.1215, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9409, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

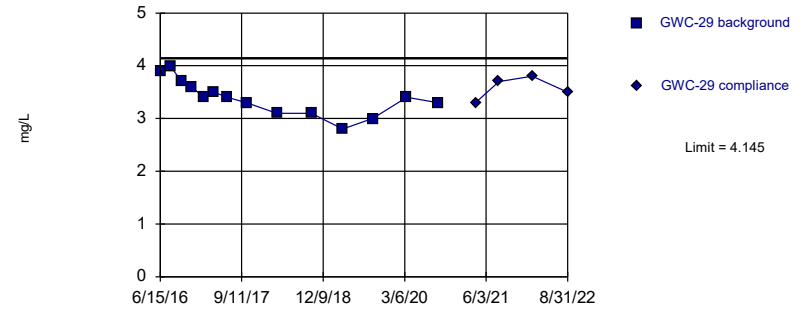
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.072, Std. Dev.=0.1421, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.879, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

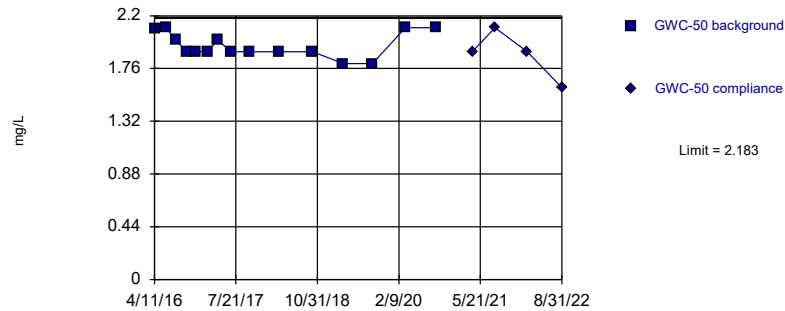
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.393, Std. Dev.=0.3362, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9776, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

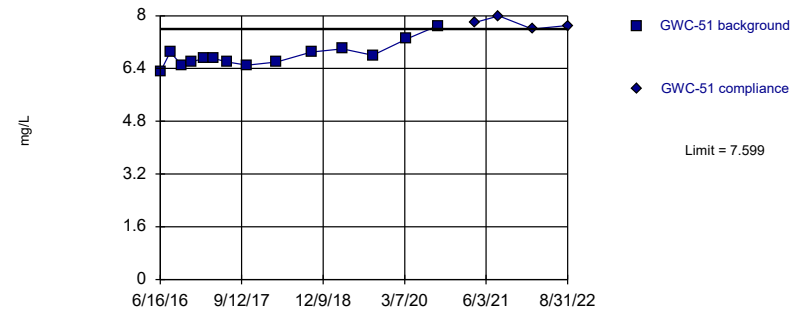
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.953, Std. Dev.=0.105, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8463, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit Prediction Limit
Intrawell Parametric

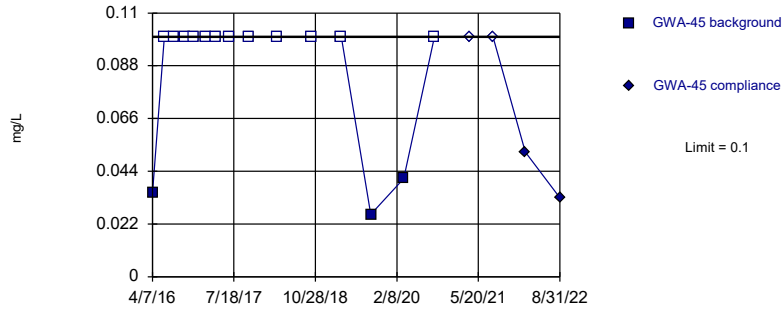


Background Data Summary: Mean=6.793, Std. Dev.=0.3605, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8947, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

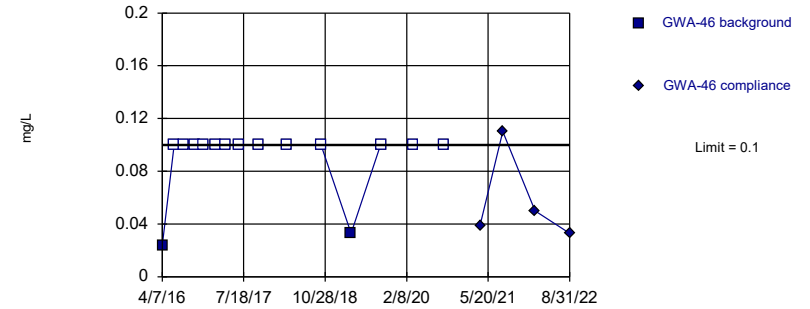


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

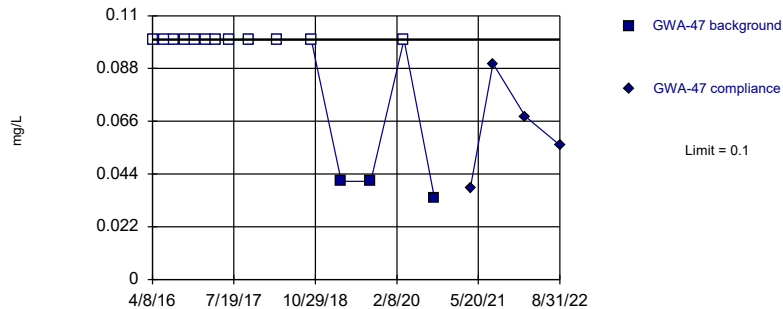


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

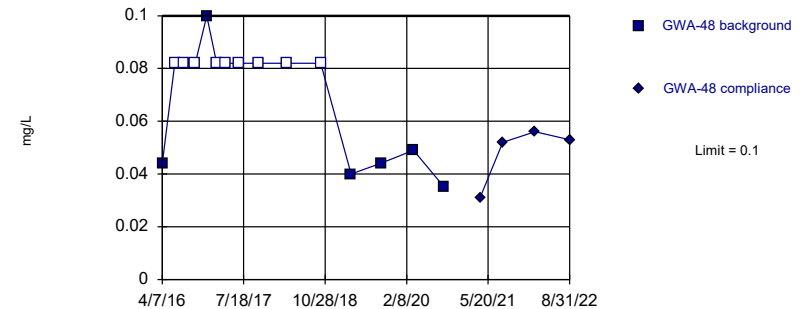


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

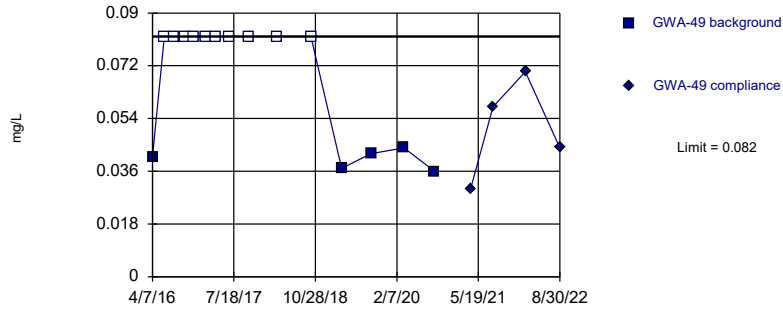


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

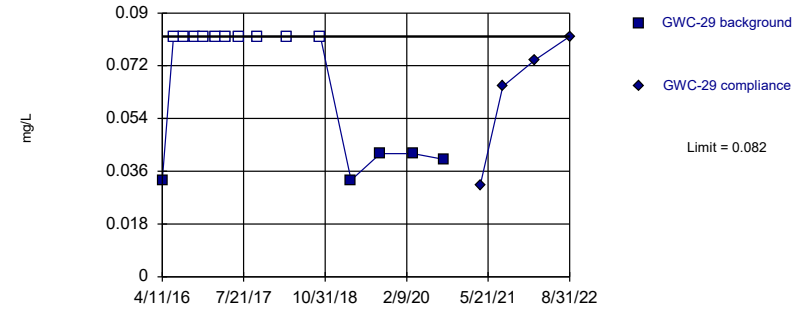


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

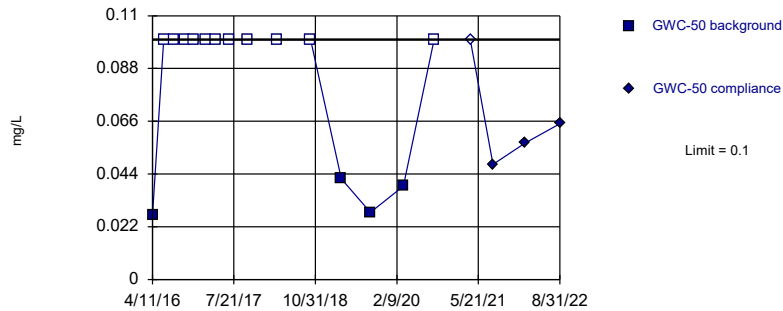


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 12/2/2022 9:18 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

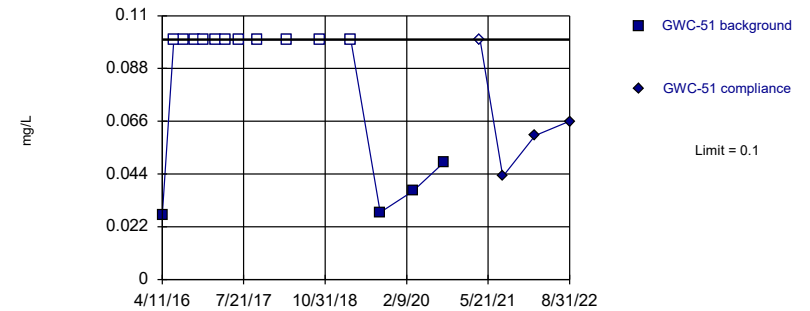


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

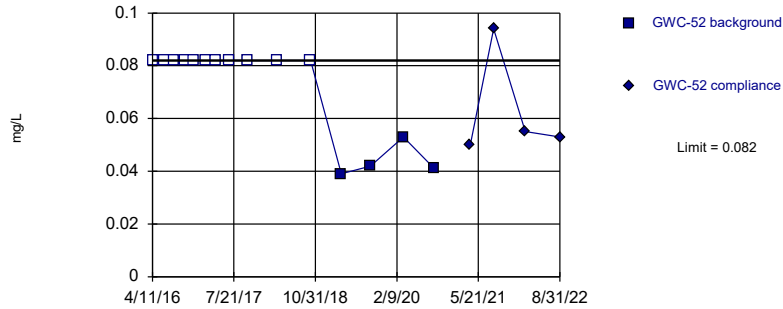


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

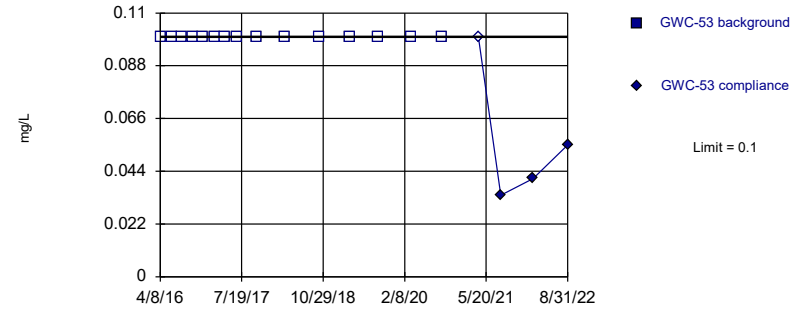


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

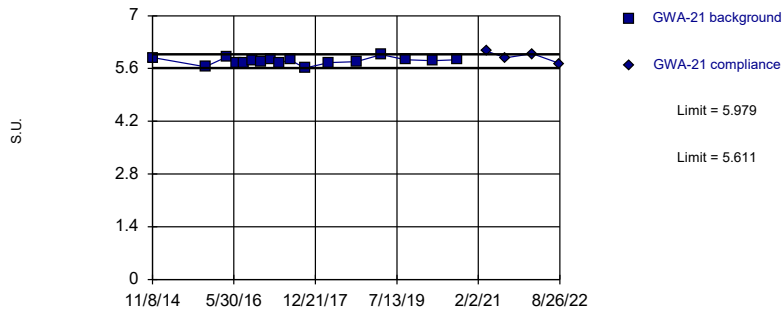


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

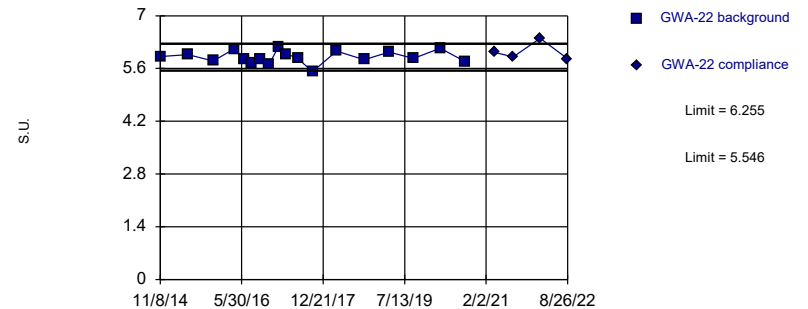


Background Data Summary: Mean=5.795, Std. Dev.=0.08654, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.961, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

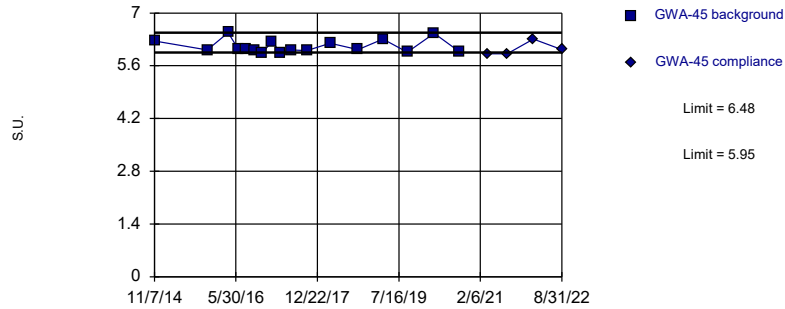


Background Data Summary: Mean=5.901, Std. Dev.=0.1685, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9693, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

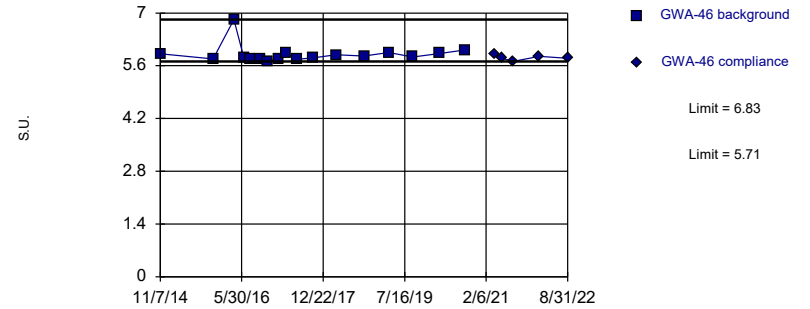


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

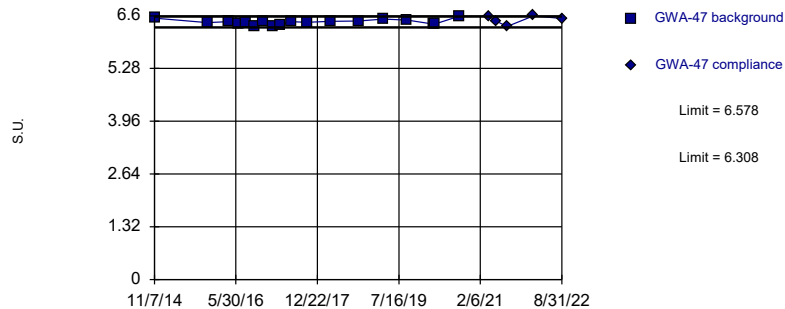


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

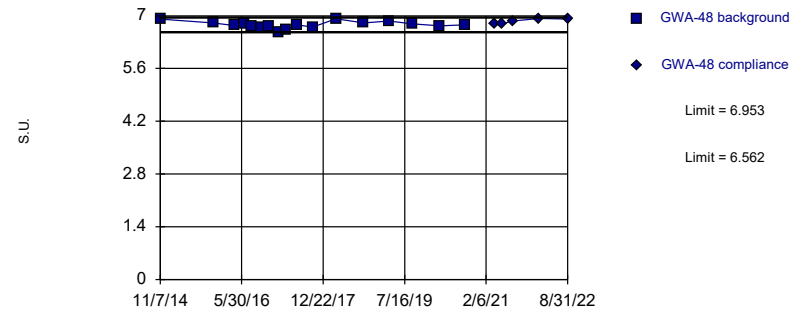


Background Data Summary: Mean=6.443, Std. Dev.=0.06488, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9705, critical = 0.863. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

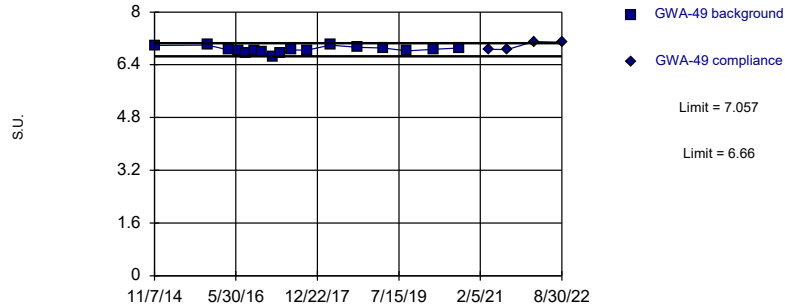


Background Data Summary: Mean=6.758, Std. Dev.=0.09196, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

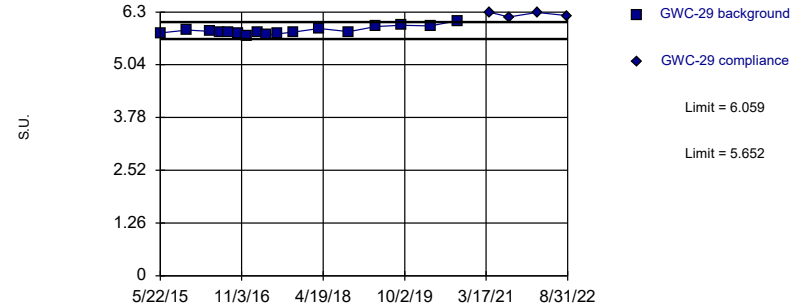


Background Data Summary: Mean=6.858, Std. Dev.=0.09329, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9581, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

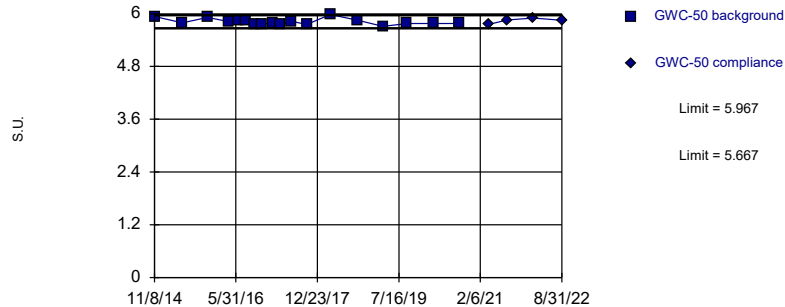


Background Data Summary: Mean=5.855, Std. Dev.=0.09566, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9167, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

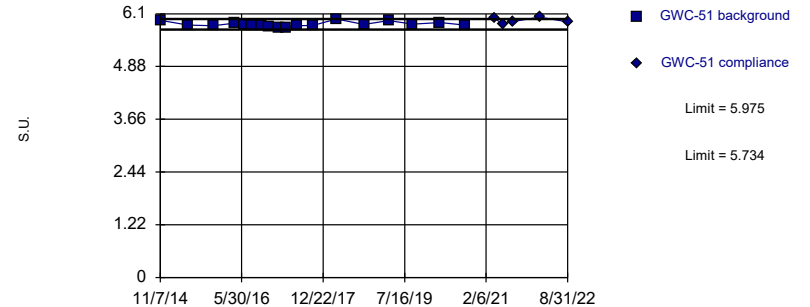


Background Data Summary: Mean=5.817, Std. Dev.=0.07136, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9175, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

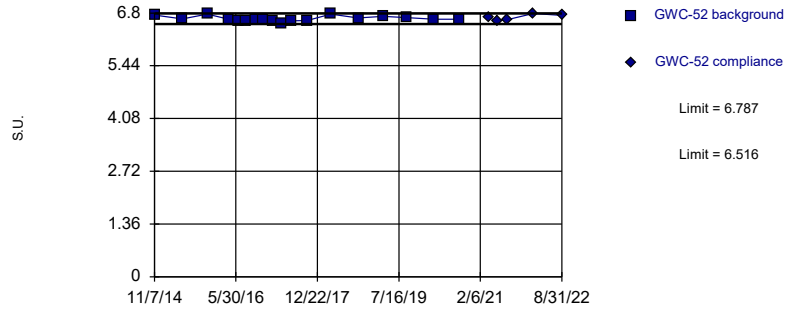


Background Data Summary: Mean=5.854, Std. Dev.=0.05721, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

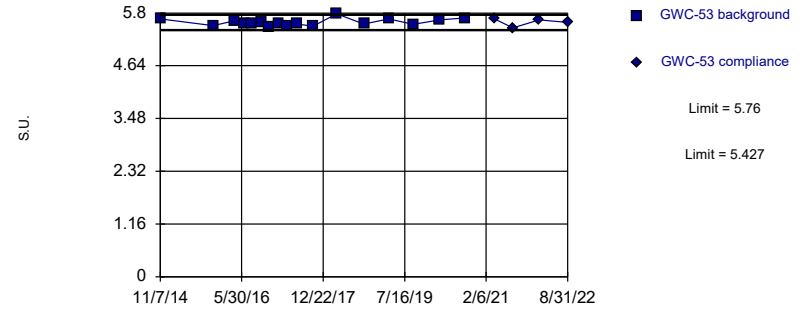


Background Data Summary: Mean=6.652, Std. Dev.=0.06447, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

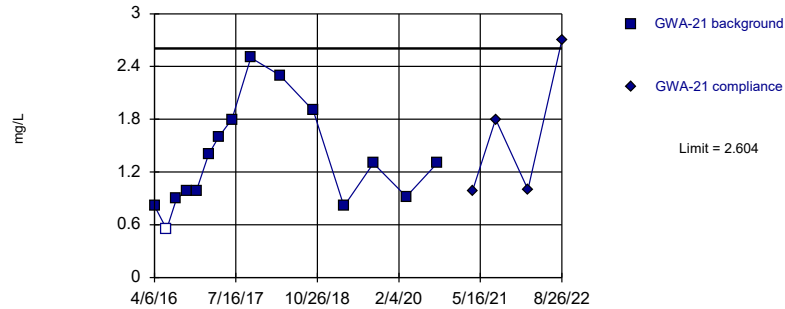


Background Data Summary: Mean=5.594, Std. Dev.=0.07834, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9342, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

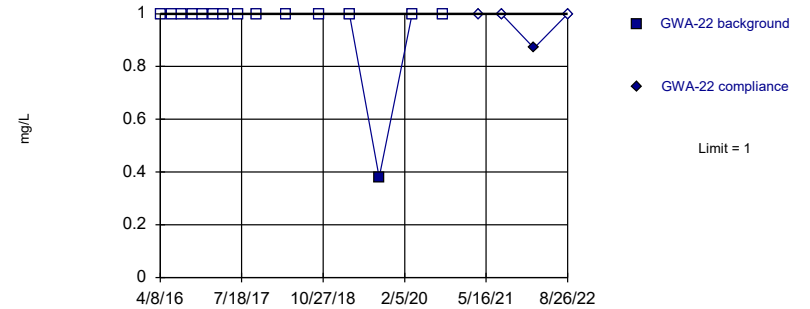


Background Data Summary: Mean=1.338, Std. Dev.=0.5772, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9263, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

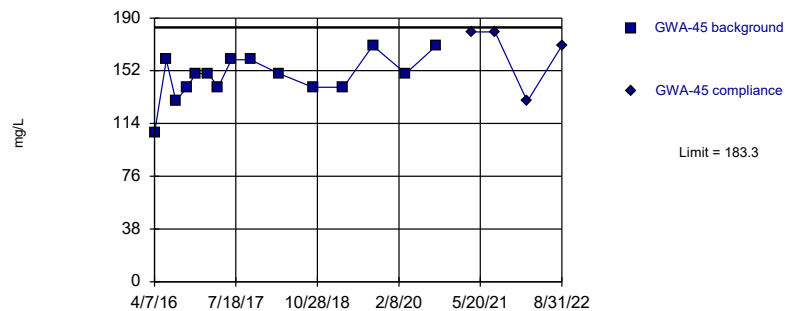


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



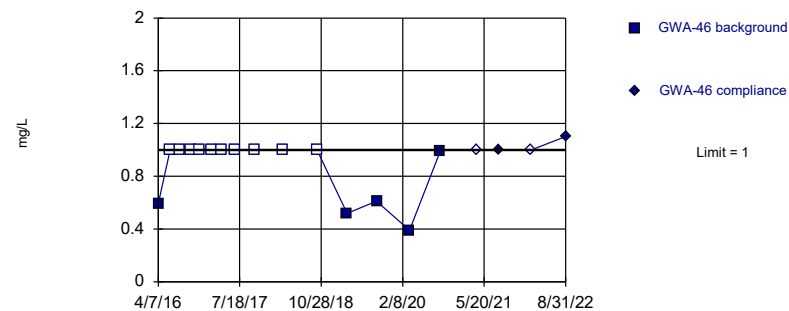
Background Data Summary: Mean=147.8, Std. Dev.=16.19, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9154, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit
Intrawell Non-parametric



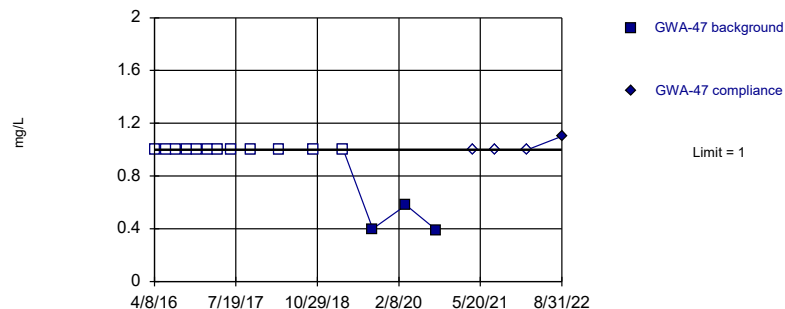
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

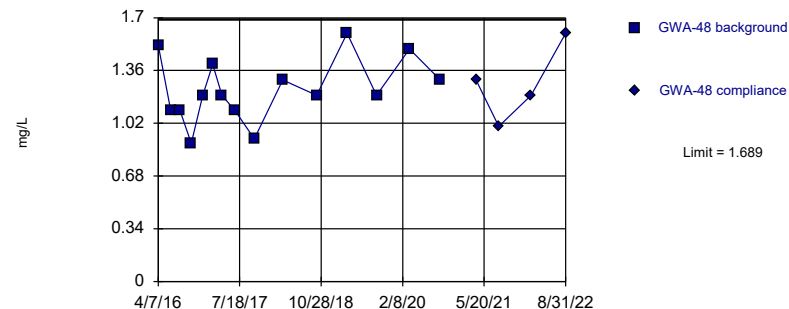


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



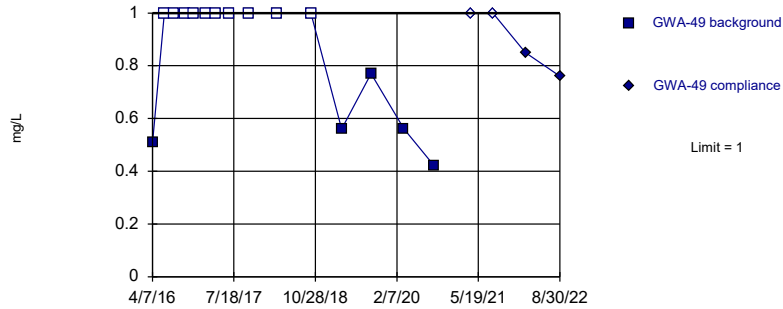
Background Data Summary: Mean=1.235, Std. Dev.=0.2069, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9553, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



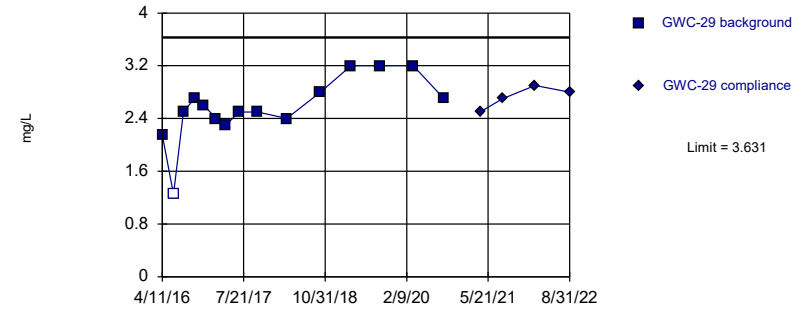
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Parametric



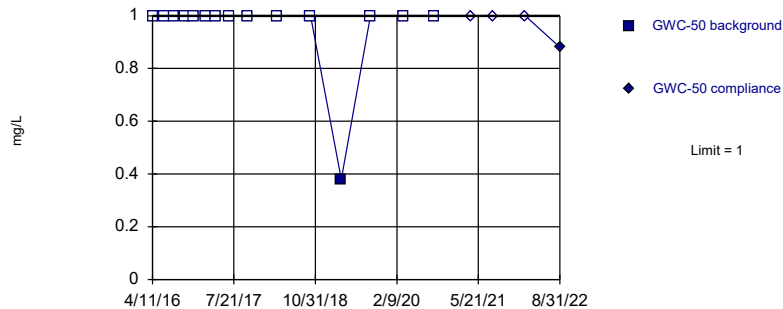
Background Data Summary: Mean=2.56, Std. Dev.=0.4885, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8789, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



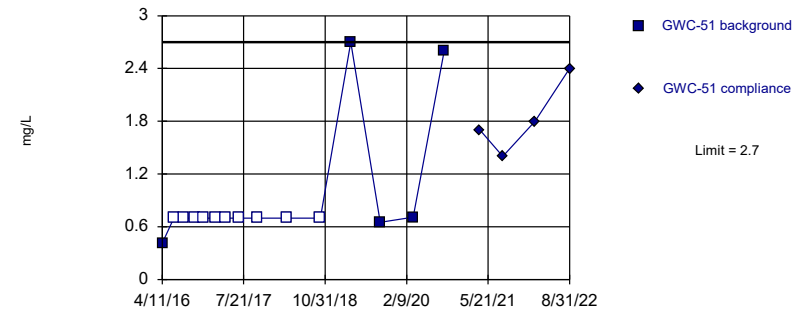
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit

Intrawell Non-parametric

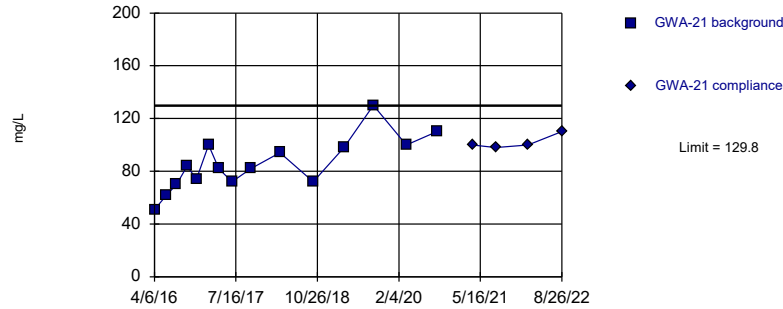


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

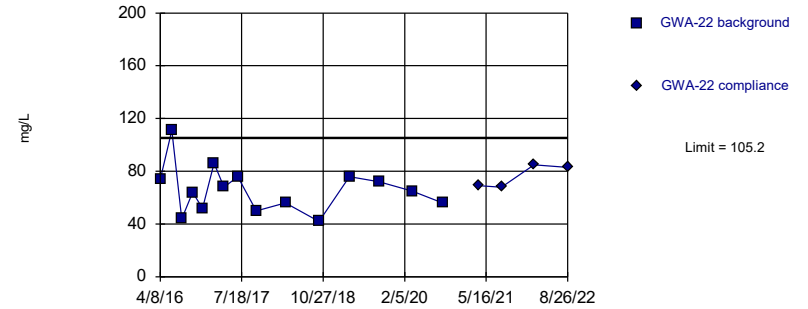


Background Data Summary: Mean=85.4, Std. Dev.=20.24, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9719, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 12/2/2022 9:24 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

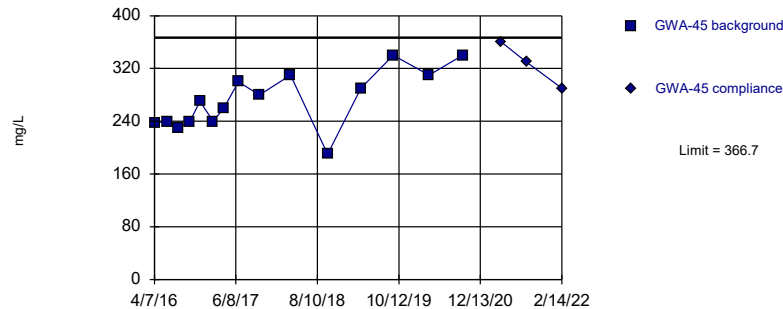


Background Data Summary: Mean=66.13, Std. Dev.=17.82, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9338, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 12/2/2022 9:24 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric



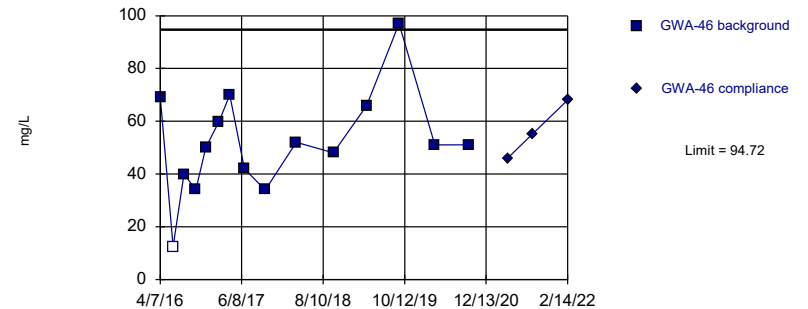
Background Data Summary: Mean=271.8, Std. Dev.=43.29, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9557, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 12/2/2022 9:24 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric

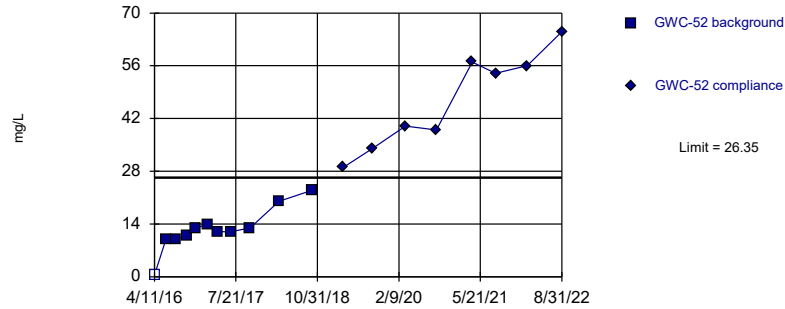


Background Data Summary: Mean=51.77, Std. Dev.=19.59, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9615, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 12/2/2022 9:24 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
 Intrawell Parametric

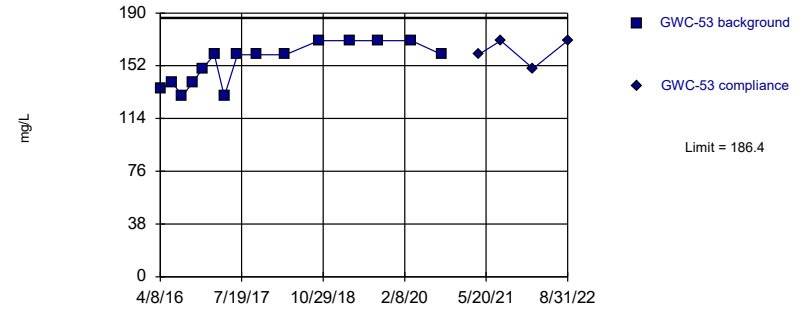


Background Data Summary: Mean=12.57, Std. Dev.=5.74, n=11, 9.091% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9024, critical = 0.792. Kappa = 2.4 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

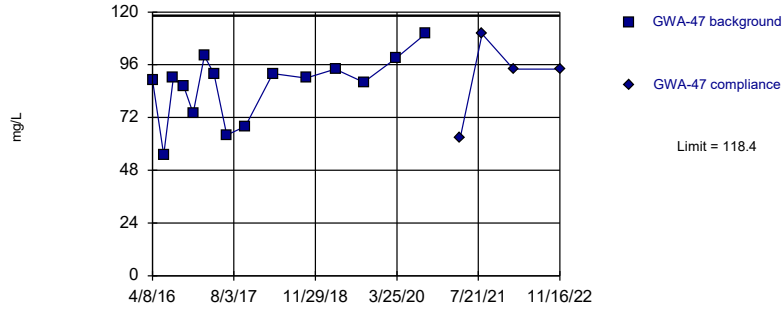


Background Data Summary: Mean=153.7, Std. Dev.=14.9, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.859, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 12/2/2022 9:19 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

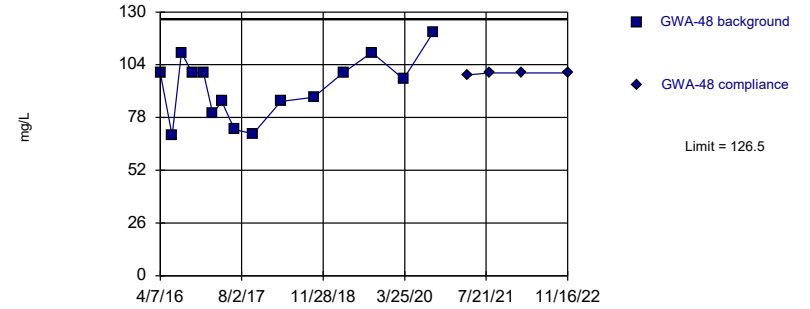


Background Data Summary: Mean=86.07, Std. Dev.=14.72, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 12/2/2022 9:29 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

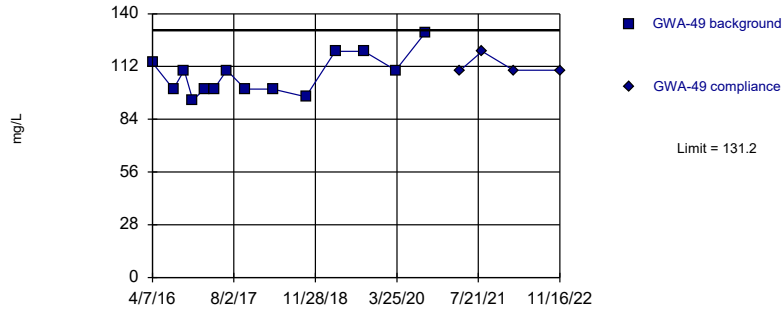


Background Data Summary: Mean=92.53, Std. Dev.=15.48, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 12/2/2022 9:29 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

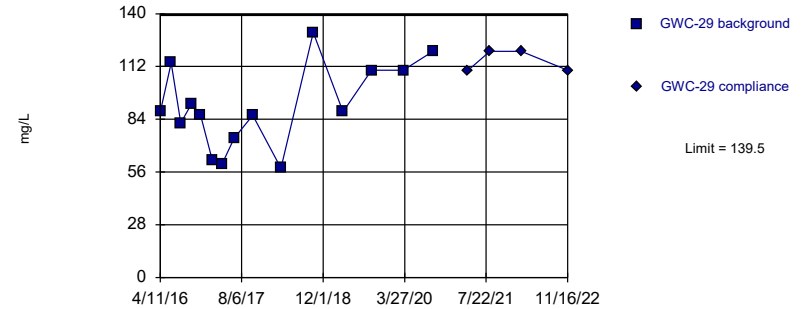


Background Data Summary: Mean=107.4, Std. Dev.=10.65, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 12/2/2022 9:29 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

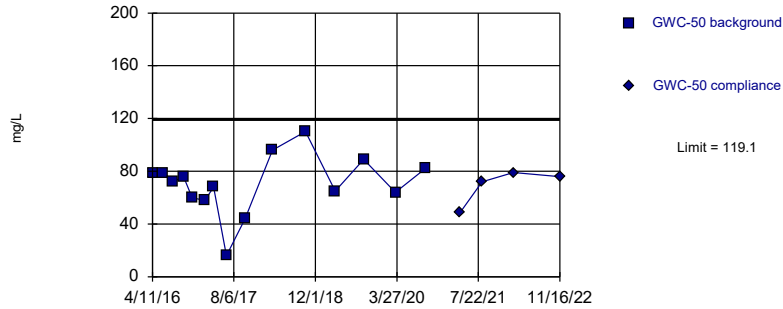


Background Data Summary: Mean=90.67, Std. Dev.=22.27, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9465, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 12/2/2022 9:30 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

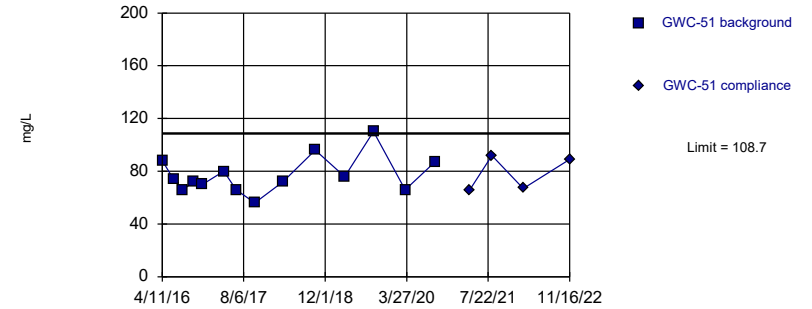


Background Data Summary: Mean=70.53, Std. Dev.=22.17, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9554, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 12/2/2022 9:30 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

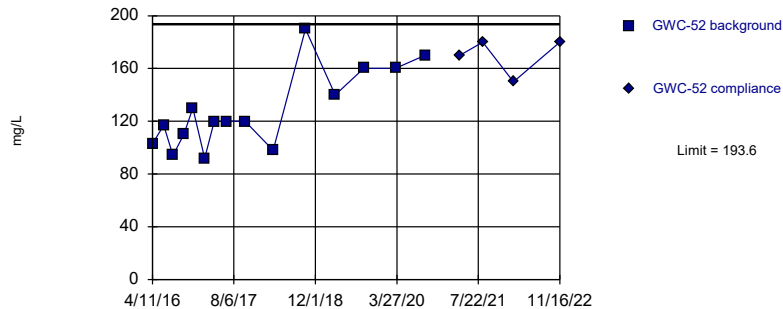


Background Data Summary: Mean=77.07, Std. Dev.=14.12, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9292, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 12/2/2022 9:30 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

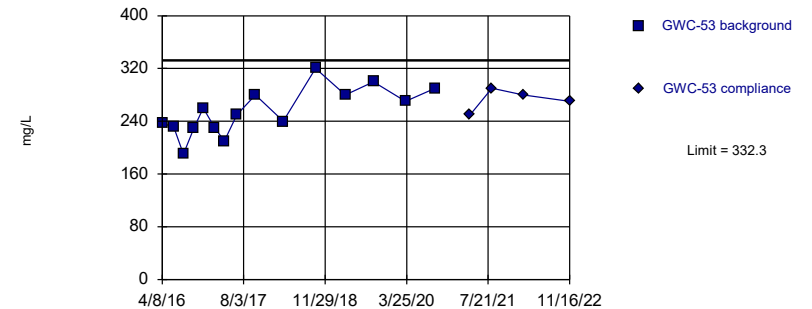


Background Data Summary: Mean=128.3, Std. Dev.=29.78, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9216, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 12/2/2022 9:30 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=254.5, Std. Dev.=35.48, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9808, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 12/2/2022 9:30 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	<0.08	
6/14/2016	0.0012 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	0.053	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021		<0.08
8/12/2021		<0.08
2/14/2022		<0.08
8/26/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	0.0657 (J)	
6/14/2016	0.12	
8/9/2016	0.22	
10/10/2016	0.52	
12/2/2016	0.65	
2/9/2017	0.57	
4/7/2017	0.5	
6/22/2017	0.48	
10/10/2017	0.79	
3/22/2018	0.66	
10/3/2018	0.89	
3/27/2019	0.74	
9/12/2019	0.91	
3/19/2020	0.86	
9/11/2020	1	
4/2/2021		1.1
8/12/2021		1.1
2/14/2022		0.86
8/31/2022		1.2

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<0.08	
6/14/2016	0.00079 (J)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/5/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/20/2020	<0.08	
9/11/2020	<0.08	
4/5/2021		<0.08
8/13/2021		<0.08
2/14/2022		<0.08
8/31/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	<0.08	
6/17/2016	<0.08	
8/10/2016	<0.08	
10/14/2016	<0.08	
12/19/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021		0.044 (J)
8/12/2021		<0.08
2/14/2022		<0.08
8/31/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	<0.08	
6/15/2016	0.0021 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021		<0.08
8/13/2021		<0.08
2/14/2022		<0.08
8/31/2022		<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	0.824	
6/16/2016	0.8 (J)	
8/11/2016	0.97	
10/13/2016	0.94	
12/6/2016	1	
2/13/2017	0.97	
4/11/2017	0.88	
6/24/2017	0.87	
10/11/2017	1.1	
3/26/2018	0.91	
10/4/2018	0.92	
3/28/2019	0.97	
9/12/2019	0.94	
3/19/2020	1	
9/11/2020	0.97	
4/6/2021		0.97
8/13/2021		0.94
2/14/2022		1
8/31/2022		1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	9.27	
6/14/2016	8.2	
8/10/2016	6.9	
10/11/2016	7.6	
12/2/2016	7.4	
2/10/2017	11	
4/10/2017	9.7	
6/23/2017	9.2	
10/9/2017	9.4	
3/26/2018	9.3	
10/3/2018	7.8	
3/27/2019	9.5	
9/12/2019	8.8	
3/19/2020	11	
9/10/2020	8.2	
4/2/2021		9.2
8/12/2021		7.2
2/14/2022		8
8/26/2022		6.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	8.6	
6/14/2016	6.8	
8/9/2016	6.2	
10/11/2016	6.2	
12/5/2016	5.5	
2/10/2017	7.8	
4/7/2017	7.3	
6/26/2017	6.8	
10/9/2017	5.8	
3/26/2018	8.7	
10/3/2018	6.1	
3/27/2019	7.1	
9/12/2019	6.1	
3/19/2020	9.7	
9/10/2020	5.9	
4/2/2021		9
8/12/2021		6
2/15/2022		9.6
8/26/2022		7.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	38.4	
6/14/2016	32.9	
8/9/2016	29	
10/10/2016	33	
12/2/2016	33	
2/9/2017	42	
4/7/2017	35	
6/22/2017	38	
10/10/2017	40	
3/22/2018	39 (D)	
10/3/2018	41	
3/27/2019	39	
9/12/2019	36	
3/19/2020	45	
9/11/2020	30	
4/2/2021		29
8/12/2021		26
2/14/2022		26
8/31/2022		23

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	6.57	
6/14/2016	5.5	
8/9/2016	4.6	
10/10/2016	5.3	
12/2/2016	5.1	
2/10/2017	5.8	
4/7/2017	5.2	
6/23/2017	5.7	
10/10/2017	5.8	
3/23/2018	6.6	
10/4/2018	5.4	
3/27/2019	6.1	
9/12/2019	5.7	
3/19/2020	6.7	
9/11/2020	5.5	
4/5/2021		7
8/12/2021		6.1
2/14/2022		5.9
8/31/2022		5.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	10.7	
6/14/2016	11.3	
8/9/2016	9.6	
10/11/2016	11	
12/5/2016	10	
2/10/2017	11	
4/7/2017	10	
6/22/2017	11	
10/10/2017	11	
3/22/2018	11	
10/5/2018	11	
3/27/2019	11	
9/12/2019	12	
3/20/2020	12	
9/11/2020	11	
4/5/2021		13
8/13/2021		11
2/14/2022		11
8/31/2022		12

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	12.6	
6/17/2016	12.4	
8/10/2016	11	
10/14/2016	13	
12/19/2016	11	
2/13/2017	13	
4/7/2017	12	
6/22/2017	13	
10/10/2017	13	
3/23/2018	13	
10/3/2018	12	
3/27/2019	13	
9/12/2019	13	
3/19/2020	14	
9/11/2020	12	
4/5/2021		13
8/12/2021		12
2/14/2022		11
8/31/2022		12

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	15.3	
6/14/2016	14.2	
8/9/2016	13	
10/11/2016	14	
12/2/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/10/2017	15	
3/22/2018	14	
10/3/2018	14	
3/27/2019	15	
9/12/2019	14	
3/19/2020	15	
9/10/2020	14	
4/6/2021		16
8/12/2021		14
2/14/2022		13
8/30/2022		14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	9.7	
6/15/2016	9.5	
8/10/2016	8.5	
10/11/2016	9.3	
12/5/2016	9	
2/13/2017	9.2	
4/10/2017	9.2	
6/23/2017	9.8	
10/10/2017	10	
3/26/2018	11	
10/4/2018	10	
3/28/2019	11	
9/12/2019	12	
3/19/2020	16	
9/10/2020	15	
4/6/2021		17
8/13/2021		15
2/14/2022		16
8/31/2022		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	7.04	
6/15/2016	7.4	
8/10/2016	6.7	
10/11/2016	6.9	
12/2/2016	6.5	
2/13/2017	7.9	
4/7/2017	6.5	
6/22/2017	6.8	
10/10/2017	7.3	
3/23/2018	7.5	
10/4/2018	6.7	
3/28/2019	7.2	
9/12/2019	7.5	
3/19/2020	7.9	
9/10/2020	7.5	
4/6/2021		7.7
8/13/2021		7.2
2/14/2022		6.5
8/31/2022		7.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	6.9	
6/16/2016	7.6	
8/10/2016	5.7	
10/13/2016	6.7	
12/5/2016	6.4	
2/13/2017	6.2	
4/10/2017	6.2	
6/23/2017	6.6	
10/11/2017	6.9	
3/26/2018	7	
10/4/2018	6.4	
3/27/2019	7	
9/12/2019	7.1	
3/19/2020	7.1	
9/11/2020	7	
4/5/2021		8
8/13/2021		7
2/15/2022		6.4
8/31/2022		7.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	12.8	
6/16/2016	14.3	
8/11/2016	11	
10/13/2016	13	
12/5/2016	12	
2/13/2017	13	
4/11/2017	13	
6/24/2017	13	
10/11/2017	15	
3/26/2018	15	
10/4/2018	14	
3/28/2019	15	
9/12/2019	17	
3/19/2020	19	
9/11/2020	18	
4/5/2021		21
8/17/2021		22
2/14/2022		18
8/31/2022		21

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	17.5	
6/16/2016	18.4	
8/11/2016	13	
10/13/2016	15	
12/6/2016	15	
2/13/2017	16	
4/11/2017	17	
6/24/2017	17	
10/11/2017	19	
3/26/2018	19	
10/4/2018	17	
3/28/2019	18	
9/12/2019	18	
3/19/2020	19	
9/11/2020	19	
4/6/2021		19
8/13/2021		17
2/14/2022		16
8/31/2022		17

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	3.034	
6/14/2016	3.1	
8/10/2016	2.7	
10/11/2016	2.7	
12/2/2016	2.5	
2/10/2017	3.4	
4/10/2017	3.6	
6/23/2017	3.2	
10/9/2017	3.5	
3/26/2018	3.8	
10/3/2018	4	
3/27/2019	2.9	
9/12/2019	3.4	
3/19/2020	3.9	
9/10/2020	3.7	
4/2/2021		3.7
8/12/2021		4.1
2/14/2022		4
8/26/2022		3.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	2.1	
6/14/2016	4.2	
8/9/2016	5	
10/11/2016	3.8	
12/5/2016	3.6	
2/10/2017	2.2	
4/7/2017	2.2	
6/26/2017	3.4	
10/9/2017	3.4	
3/26/2018	1.9 (D)	
10/3/2018	2.9	
3/27/2019	2	
9/12/2019	2.5	
3/19/2020	2.2	
9/10/2020	2.5	
4/2/2021		1.8
8/12/2021		2.7
2/15/2022		1.8
8/26/2022		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	8.05	
6/14/2016	9.3	
8/9/2016	10	
10/10/2016	10	
12/2/2016	10	
2/9/2017	9.4	
4/7/2017	9.9	
6/22/2017	9.7	
10/10/2017	9.8	
3/22/2018	9.7 (D)	
10/3/2018	10	
3/27/2019	9.6	
9/12/2019	10	
3/19/2020	9.9	
9/11/2020	12	
4/2/2021		13
8/12/2021		13
2/14/2022		10
8/31/2022		13

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	2.914	
6/14/2016	3.1	
8/9/2016	3.2	
10/10/2016	3	
12/2/2016	3	
2/10/2017	2.7	
4/7/2017	2.9	
6/23/2017	3.3	
10/10/2017	3.5	
3/23/2018	3.6	
10/4/2018	3.9	
3/27/2019	3.7	
9/12/2019	4.3	
3/19/2020	4.5	
9/11/2020	4.7	
4/5/2021		5.3
8/12/2021		5.5
2/14/2022		5
8/31/2022		5.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	1.57	
6/14/2016	1.7	
8/9/2016	1.5	
10/11/2016	1.6	
12/5/2016	1.5	
2/10/2017	1.5	
4/7/2017	1.4	
6/22/2017	1.4	
10/10/2017	1.4	
3/22/2018	1.3	
10/5/2018	1.4	
3/27/2019	1.2	
9/12/2019	1.4	
3/20/2020	1.7	
9/11/2020	1.6	
4/5/2021		1.8
8/13/2021		1.8
2/14/2022		1.5
8/31/2022		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	1.842	
6/17/2016	1.9	
8/10/2016	1.8	
10/14/2016	1.7	
12/19/2016	2.7 (O)	
2/13/2017	1.8	
4/7/2017	1.7	
6/22/2017	1.7	
10/10/2017	1.6	
3/23/2018	1.6	
10/3/2018	1.6	
3/27/2019	1.5	
9/12/2019	1.7	
3/19/2020	1.9	
9/11/2020	1.8	
4/5/2021		2
8/12/2021		1.8
2/14/2022		1.8
8/31/2022		1.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	2.285	
6/14/2016	2.3	
8/9/2016	2.3	
10/11/2016	2.1	
12/2/2016	2	
2/9/2017	2.1	
4/7/2017	2	
6/22/2017	2	
10/10/2017	2	
3/22/2018	1.9	
10/3/2018	2	
3/27/2019	1.9	
9/12/2019	1.9	
3/19/2020	2.2	
9/10/2020	2.1	
4/6/2021		2.1
8/12/2021		2.2
2/14/2022		2
8/30/2022		2.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	1.57 (O)	
6/15/2016	3.9	
8/10/2016	4	
10/11/2016	3.7	
12/5/2016	3.6	
2/13/2017	3.4	
4/10/2017	3.5	
6/23/2017	3.4	
10/10/2017	3.3	
3/26/2018	3.1	
10/4/2018	3.1	
3/28/2019	2.8	
9/12/2019	3	
3/19/2020	3.4	
9/10/2020	3.3	
4/6/2021		3.3
8/13/2021		3.7
2/14/2022		3.8
8/31/2022		3.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	2.09	
6/15/2016	2.1	
8/10/2016	2	
10/11/2016	1.9	
12/2/2016	1.9	
2/13/2017	1.9	
4/7/2017	2	
6/22/2017	1.9	
10/10/2017	1.9	
3/23/2018	1.9	
10/4/2018	1.9	
3/28/2019	1.8	
9/12/2019	1.8	
3/19/2020	2.1	
9/10/2020	2.1	
4/6/2021		1.9
8/13/2021		2.1
2/14/2022		1.9
8/31/2022		1.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	2.09 (O)	
6/16/2016	6.3	
8/10/2016	6.9	
10/13/2016	6.5	
12/5/2016	6.6	
2/13/2017	6.7	
4/10/2017	6.7	
6/23/2017	6.6	
10/11/2017	6.5	
3/26/2018	6.6	
10/4/2018	6.9	
3/27/2019	7	
9/12/2019	6.8	
3/19/2020	7.3	
9/11/2020	7.7	
4/5/2021		7.8
8/13/2021		8
2/15/2022		7.6
8/31/2022		7.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<0.25 (O)	
6/16/2016	7.4	
8/11/2016	8.3	
10/13/2016	7.8	
12/5/2016	8.1	
2/13/2017	8	
4/11/2017	7.6	
6/24/2017	8.3	
10/11/2017	7.9	
3/26/2018	7.8	
10/4/2018	8.1	
3/28/2019	7.5	
9/12/2019	7.7	
3/19/2020	8.2	
9/11/2020	7.9	
4/5/2021		8.2
8/17/2021		8.3
2/14/2022		7.6
8/31/2022		7.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	10.065	
6/16/2016	9.4	
8/11/2016	10	
10/13/2016	9.9	
12/6/2016	10	
2/13/2017	10	
4/11/2017	10	
6/24/2017	10	
10/11/2017	10	
3/26/2018	11	
10/4/2018	12	
3/28/2019	12	
9/12/2019	11	
3/19/2020	13	
9/11/2020	12	
4/6/2021		13
8/13/2021		13
2/14/2022		12
8/31/2022		13

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	0.035 (J)	
6/14/2016	<0.082	
8/10/2016	<0.082	
10/11/2016	<0.082	
12/2/2016	<0.082	
2/10/2017	<0.082	
4/10/2017	<0.082	
6/23/2017	<0.082	
10/9/2017	<0.082	
3/26/2018	<0.082	
10/3/2018	<0.082	
3/27/2019	0.035 (J)	
9/12/2019	0.04 (J)	
3/19/2020	0.059 (J)	
9/10/2020	0.044 (J)	
4/2/2021		0.028 (J)
8/12/2021		0.04 (J)
2/14/2022		0.058 (J)
8/26/2022		0.092 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	<0.082	
6/14/2016	<0.082	
8/9/2016	<0.082	
10/11/2016	<0.082	
12/5/2016	<0.082	
2/10/2017	<0.082	
4/7/2017	<0.082	
6/26/2017	<0.082	
10/9/2017	<0.082	
3/26/2018	<0.082 (D)	
10/3/2018	<0.082	
3/27/2019	0.036 (J)	
9/12/2019	0.043 (J)	
3/19/2020	0.054 (J)	
9/10/2020	0.034 (J)	
4/2/2021		0.032 (J)
8/12/2021		0.028 (J)
2/15/2022		0.088 (J)
8/26/2022		0.028 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	0.035 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1 (D)	
10/3/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.026 (J)	
3/19/2020	0.041 (J)	
9/11/2020	<0.1	
4/2/2021		<0.1
8/12/2021		<0.1
2/14/2022		0.052 (J)
8/31/2022		0.033 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	0.024 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.033 (J)	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/5/2021		0.039 (J)
8/12/2021		0.11
2/14/2022		0.05 (J)
8/31/2022		0.033 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<0.1	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/5/2018	<0.1	
3/27/2019	0.041 (J)	
9/12/2019	0.041 (J)	
3/20/2020	<0.1	
9/11/2020	0.034 (J)	
4/5/2021		0.038 (J)
8/13/2021		0.09 (J)
2/14/2022		0.068 (J)
8/31/2022		0.056 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	0.044 (J)	
6/17/2016	<0.082	
8/10/2016	<0.082	
10/14/2016	<0.082	
12/19/2016	0.1 (J)	
2/13/2017	<0.082	
4/7/2017	<0.082	
6/22/2017	<0.082	
10/10/2017	<0.082	
3/23/2018	<0.082	
10/3/2018	<0.082	
3/27/2019	0.04 (J)	
9/12/2019	0.044 (J)	
3/19/2020	0.049 (J)	
9/11/2020	0.035 (J)	
4/5/2021		0.031 (J)
8/12/2021		0.052 (J)
2/14/2022		0.056 (J)
8/31/2022		0.053 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	0.041 (J)	
6/14/2016	<0.082	
8/9/2016	<0.082	
10/11/2016	<0.082	
12/2/2016	<0.082	
2/9/2017	<0.082	
4/7/2017	<0.082	
6/22/2017	<0.082	
10/10/2017	<0.082	
3/22/2018	<0.082	
10/3/2018	<0.082	
3/27/2019	0.037 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.044 (J)	
9/10/2020	0.036 (J)	
4/6/2021		0.03 (J)
8/12/2021		0.058 (J)
2/14/2022		0.07 (J)
8/30/2022		0.044 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	0.033 (J)	
6/15/2016	<0.082	
8/10/2016	<0.082	
10/11/2016	<0.082	
12/5/2016	<0.082	
2/13/2017	<0.082	
4/10/2017	<0.082	
6/23/2017	<0.082	
10/10/2017	<0.082	
3/26/2018	<0.082	
10/4/2018	<0.082	
3/28/2019	0.033 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.042 (J)	
9/10/2020	0.04 (J)	
4/6/2021		0.031 (J)
8/13/2021		0.065 (J)
2/14/2022		0.074 (J)
8/31/2022		0.082 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	0.027 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.042 (J)	
9/12/2019	0.028 (J)	
3/19/2020	0.039 (J)	
9/10/2020	<0.1	
4/6/2021		<0.1
8/13/2021		0.048 (J)
2/14/2022		0.057 (J)
8/31/2022		0.065 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	0.027 (J)	
6/16/2016	<0.1	
8/10/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.028 (J)	
3/19/2020	0.037 (J)	
9/11/2020	0.049 (J)	
4/5/2021		<0.1
8/13/2021		0.043 (J)
2/15/2022		0.06 (J)
8/31/2022		0.066 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<0.082	
6/16/2016	<0.082	
8/11/2016	<0.082	
10/13/2016	<0.082	
12/5/2016	<0.082	
2/13/2017	<0.082	
4/11/2017	<0.082	
6/24/2017	<0.082	
10/11/2017	<0.082	
3/26/2018	<0.082	
10/4/2018	<0.082	
3/28/2019	0.039 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.053 (J)	
9/11/2020	0.041 (J)	
4/5/2021		0.05 (J)
8/17/2021		0.094 (J)
2/14/2022		0.055 (J)
8/31/2022		0.053 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/6/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	<0.1	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/6/2021		<0.1
8/13/2021		0.034 (J)
2/14/2022		0.041 (J)
8/31/2022		0.055 (J)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
11/8/2014	5.89	
11/13/2015	5.65	
4/6/2016	5.9 (D)	
6/14/2016	5.75	
8/10/2016	5.75	
10/11/2016	5.8	
12/2/2016	5.78	
2/10/2017	5.83	
4/10/2017	5.74	
6/26/2017	5.83	
10/9/2017	5.61	
3/26/2018	5.76	
10/3/2018	5.78	
3/27/2019	5.97	
9/12/2019	5.83	
3/19/2020	5.81	
9/10/2020	5.83	
4/2/2021		6.06
8/12/2021		5.88
2/14/2022		5.99
8/26/2022		5.73 (D)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
11/8/2014	5.92	
5/21/2015	5.97	
11/13/2015	5.8	
4/8/2016	6.12	
6/14/2016	5.84	
8/9/2016	5.75	
10/11/2016	5.84	
12/5/2016	5.7	
2/10/2017	6.17	
4/7/2017	5.99	
6/26/2017	5.87	
10/9/2017	5.52	
3/26/2018	6.06	
10/3/2018	5.83	
3/27/2019	6.04	
9/12/2019	5.87	
3/19/2020	6.14	
9/10/2020	5.78	
4/2/2021		6.03
8/12/2021		5.91
2/15/2022		6.4
8/26/2022		5.86 (D)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
11/7/2014	6.26	
11/13/2015	6.02	
4/7/2016	6.48	
6/14/2016	6.05	
8/9/2016	6.05	
10/10/2016	6.02	
12/2/2016	5.95	
2/9/2017	6.24	
4/7/2017	5.95	
6/22/2017	6.02	
10/10/2017	6	
3/22/2018	6.2	
10/3/2018	6.03	
3/27/2019	6.31	
9/13/2019	5.96	
3/19/2020	6.46	
9/11/2020	5.98	
4/2/2021		5.92
8/12/2021		5.92
2/14/2022		6.31
8/31/2022		6.03

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
11/7/2014	5.92	
11/13/2015	5.78	
4/7/2016	6.83	
6/14/2016	5.82	
8/1/2016	5.78	
10/10/2016	5.78	
12/2/2016	5.71	
2/10/2017	5.79	
4/7/2017	5.93	
6/23/2017	5.77	
10/10/2017	5.81	
3/23/2018	5.89	
10/4/2018	5.86	
3/27/2019	5.95	
9/12/2019	5.83	
3/19/2020	5.93	
9/11/2020	6.02	
4/5/2021		5.92
6/1/2021		5.8
8/12/2021		5.71
2/14/2022		5.85
8/31/2022		5.8

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
11/7/2014	6.54	
11/12/2015	6.43	
4/7/2016	6.45 (D)	
4/8/2016	6.45	
6/14/2016	6.4	
8/9/2016	6.43	
10/11/2016	6.34	
12/5/2016	6.46	
2/10/2017	6.33	
4/7/2017	6.38	
6/22/2017	6.45	
10/10/2017	6.44	
3/22/2018	6.46	
10/5/2018	6.47	
3/27/2019	6.52	
9/12/2019	6.49	
3/19/2020	6.39	
3/20/2020	6.39	
9/11/2020	6.59	
4/5/2021		6.59
6/1/2021		6.46
8/13/2021		6.33
2/14/2022		6.6
8/31/2022		6.53

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
11/7/2014	6.91	
11/12/2015	6.81	
4/7/2016	6.74	
6/17/2016	6.78	
8/10/2016	6.73	
10/14/2016	6.7	
12/5/2016	6.71	
2/13/2017	6.56	
4/7/2017	6.62	
6/22/2017	6.76	
10/10/2017	6.7	
3/23/2018	6.92	
10/3/2018	6.81	
3/27/2019	6.86	
9/12/2019	6.78	
3/19/2020	6.73	
9/11/2020	6.76	
4/5/2021		6.78
6/1/2021		6.78
8/12/2021		6.86
2/14/2022		6.93
8/31/2022		6.91

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
11/7/2014	6.99	
11/12/2015	7	
4/7/2016	6.85	
6/14/2016	6.83	
8/9/2016	6.77	
10/11/2016	6.83	
12/2/2016	6.79	
2/9/2017	6.65	
4/7/2017	6.75	
6/22/2017	6.85	
10/10/2017	6.84	
3/22/2018	7	
10/3/2018	6.93	
3/27/2019	6.91	
9/12/2019	6.82	
3/19/2020	6.87	
9/10/2020	6.91	
4/6/2021		6.87
8/12/2021		6.86
2/14/2022		7.1
8/30/2022		7.08

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
5/22/2015	5.8	
11/13/2015	5.87	
4/11/2016	5.84	
6/15/2016	5.82	
8/10/2016	5.82	
10/11/2016	5.78	
12/5/2016	5.72	
2/13/2017	5.81	
4/10/2017	5.75	
6/23/2017	5.78	
10/10/2017	5.82	
3/26/2018	5.91	
10/4/2018	5.83	
3/28/2019	5.95	
9/12/2019	5.98	
3/19/2020	5.97	
9/10/2020	6.09	
4/6/2021		6.3
8/13/2021		6.18
2/14/2022		6.29
8/31/2022		6.21

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
11/8/2014	5.94	
5/22/2015	5.79	
11/13/2015	5.92	
4/11/2016	5.82	
6/15/2016	5.85	
8/10/2016	5.85	
10/11/2016	5.76	
12/2/2016	5.76	
2/13/2017	5.8	
4/7/2017	5.75	
6/22/2017	5.83	
10/10/2017	5.76	
3/23/2018	5.98	
10/4/2018	5.85	
3/28/2019	5.71	
9/13/2019	5.78	
3/19/2020	5.78	
9/10/2020	5.78	
4/6/2021		5.76
8/13/2021		5.86
2/14/2022		5.9
8/31/2022		5.85

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
11/7/2014	5.95	
5/22/2015	5.84	
5/25/2015	8.36 (o)	
11/13/2015	5.82	
4/11/2016	5.88	
6/16/2016	5.85	
8/10/2016	5.83	
10/13/2016	5.84	
12/5/2016	5.81	
2/13/2017	5.76	
4/10/2017	5.78	
6/23/2017	5.82	
10/11/2017	5.83	
3/26/2018	5.98	
10/4/2018	5.85	
3/27/2019	5.94	
9/12/2019	5.86	
3/19/2020	5.9	
9/11/2020	5.84	
4/5/2021		5.99
6/2/2021		5.87
8/13/2021		5.92
2/15/2022		6.02
8/31/2022		5.91

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
11/7/2014	6.75	
5/22/2015	6.65	
5/25/2015	7.63 (o)	
11/13/2015	6.77	
4/11/2016	6.64	
6/16/2016	6.6	
8/11/2016	6.61	
10/13/2016	6.64	
12/5/2016	6.63	
2/13/2017	6.59	
4/11/2017	6.53	
6/26/2017	6.6	
10/11/2017	6.61	
3/26/2018	6.77	
10/4/2018	6.67	
3/28/2019	6.71	
9/12/2019	6.68	
3/19/2020	6.64	
9/11/2020	6.64	
4/5/2021		6.68
6/2/2021		6.6
8/17/2021		6.63
2/14/2022		6.79
8/31/2022		6.74

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
11/7/2014	5.67	
5/25/2015	7.725 (oD)	
11/13/2015	5.52	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021		5.67
8/13/2021		5.47
2/14/2022		5.65
8/31/2022		5.59

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	0.813 (J)	
6/14/2016	<1.1	
8/10/2016	0.9 (J)	
10/11/2016	0.99 (J)	
12/2/2016	0.99 (J)	
2/10/2017	1.4	
4/10/2017	1.6	
6/23/2017	1.8	
10/9/2017	2.5	
3/26/2018	2.3	
10/3/2018	1.9	
3/27/2019	0.81 (J)	
9/12/2019	1.3	
3/19/2020	0.92 (J)	
9/10/2020	1.3	
4/2/2021		0.99 (J)
8/12/2021		1.8
2/14/2022		1
8/26/2022		2.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	<1	
6/14/2016	<1	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/26/2017	<1	
10/9/2017	<1	
3/26/2018	<1 (D)	
10/3/2018	<1	
3/27/2019	<1	
9/12/2019	0.38 (J)	
3/19/2020	<1	
9/10/2020	<1	
4/2/2021		<1
8/12/2021		<1
2/15/2022		0.87 (J)
8/26/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	107.095	
6/14/2016	160	
8/9/2016	130	
10/10/2016	140	
12/2/2016	150	
2/9/2017	150	
4/7/2017	140	
6/22/2017	160	
10/10/2017	160	
3/22/2018	150 (D)	
10/3/2018	140	
3/27/2019	140	
9/12/2019	170	
3/19/2020	150	
9/11/2020	170	
4/2/2021		180
8/12/2021		180
2/14/2022		130
8/31/2022		170

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	0.594 (J)	
6/14/2016	<1	
8/9/2016	<1	
10/10/2016	<1	
12/2/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/23/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/27/2019	0.52 (J)	
9/12/2019	0.61 (J)	
3/19/2020	0.39 (J)	
9/11/2020	0.99 (J)	
4/5/2021		<1
8/12/2021		1
2/14/2022		<1
8/31/2022		1.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<1	
6/14/2016	<1	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/5/2018	<1	
3/27/2019	<1	
9/12/2019	0.4 (J)	
3/20/2020	0.58 (J)	
9/11/2020	0.39 (J)	
4/5/2021		<1
8/13/2021		<1
2/14/2022		<1
8/31/2022		1.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	1.522	
6/17/2016	1.1	
8/10/2016	1.1	
10/14/2016	0.89 (J)	
12/19/2016	1.2	
2/13/2017	1.4	
4/7/2017	1.2	
6/22/2017	1.1	
10/10/2017	0.92 (J)	
3/23/2018	1.3	
10/3/2018	1.2	
3/27/2019	1.6	
9/12/2019	1.2	
3/19/2020	1.5	
9/11/2020	1.3	
4/5/2021		1.3
8/12/2021		1
2/14/2022		1.2
8/31/2022		1.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	0.507 (J)	
6/14/2016	<1	
8/9/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/27/2019	0.56 (J)	
9/12/2019	0.77 (J)	
3/19/2020	0.56 (J)	
9/10/2020	0.42 (J)	
4/6/2021		<1
8/12/2021		<1
2/14/2022		0.85 (J)
8/30/2022		0.76 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	2.15	
6/15/2016	<2.5	
8/10/2016	2.5	
10/11/2016	2.7	
12/5/2016	2.6	
2/13/2017	2.4	
4/10/2017	2.3	
6/23/2017	2.5	
10/10/2017	2.5	
3/26/2018	2.4	
10/4/2018	2.8	
3/28/2019	3.2	
9/12/2019	3.2	
3/19/2020	3.2	
9/10/2020	2.7	
4/6/2021		2.5
8/13/2021		2.7
2/14/2022		2.9
8/31/2022		2.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	<1	
6/15/2016	<1	
8/10/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/13/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/28/2019	0.38 (J)	
9/12/2019	<1	
3/19/2020	<1	
9/10/2020	<1	
4/6/2021		<1
8/13/2021		<1
2/14/2022		<1
8/31/2022		0.88 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	0.415 (J)	
6/16/2016	<0.7	
8/10/2016	<0.7	
10/13/2016	<0.7	
12/5/2016	<0.7	
2/13/2017	<0.7	
4/10/2017	<0.7	
6/23/2017	<0.7	
10/11/2017	<0.7	
3/26/2018	<0.7	
10/4/2018	<0.7	
3/27/2019	2.7	
9/12/2019	0.65 (J)	
3/19/2020	0.71 (J)	
9/11/2020	2.6	
4/5/2021		1.7
8/13/2021		1.4
2/15/2022		1.8
8/31/2022		2.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<1	
6/16/2016	10	
8/11/2016	9.8	
10/13/2016	11	
12/5/2016	13	
2/13/2017	14	
4/11/2017	12	
6/24/2017	12	
10/11/2017	13	
3/26/2018	20	
10/4/2018	23	
3/28/2019		29
9/12/2019		34
3/19/2020		40
9/11/2020		39
4/5/2021		57
8/17/2021		54
2/14/2022		56
8/31/2022		65

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	135.355	
6/16/2016	140	
8/11/2016	130	
10/13/2016	140	
12/6/2016	150	
2/13/2017	160	
4/11/2017	130	
6/24/2017	160	
10/11/2017	160	
3/26/2018	160	
10/4/2018	170	
3/28/2019	170	
9/12/2019	170	
3/19/2020	170	
9/11/2020	160	
4/6/2021		160
8/13/2021		170
2/14/2022		150
8/31/2022		170

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	51	
6/14/2016	62	
8/10/2016	70	
10/11/2016	84	
12/2/2016	74	
2/10/2017	100	
4/10/2017	82	
6/23/2017	72	
10/9/2017	82	
3/26/2018	94	
10/3/2018	72	
3/27/2019	98	
9/12/2019	130	
3/19/2020	100	
9/10/2020	110	
4/2/2021		100
8/12/2021		98
2/14/2022		100
8/26/2022		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	74	
6/14/2016	111	
8/9/2016	44	
10/11/2016	64	
12/5/2016	52	
2/10/2017	86	
4/7/2017	68	
6/26/2017	76	
10/9/2017	50	
3/26/2018	56	
10/3/2018	42	
3/27/2019	76	
9/12/2019	72	
3/19/2020	65	
9/10/2020	56	
4/2/2021		69
8/12/2021		68
2/15/2022		85
8/26/2022		83

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	237	
6/14/2016	240	
8/9/2016	230	
10/10/2016	240	
12/2/2016	270	
2/9/2017	240	
4/7/2017	260	
6/22/2017	300	
10/10/2017	280	
3/22/2018	310	
10/3/2018	190	
3/27/2019	290	
9/12/2019	340	
3/19/2020	310	
9/11/2020	340	
4/2/2021		360
8/12/2021		330
2/14/2022		290
11/16/2022		300

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	69	
6/14/2016	<25	
8/9/2016	40	
10/10/2016	34	
12/2/2016	50	
2/10/2017	60	
4/7/2017	70	
6/23/2017	42	
10/10/2017	34	
3/23/2018	52	
10/4/2018	48	
3/27/2019	66	
9/12/2019	97	
3/19/2020	51	
9/11/2020	51	
4/5/2021		46
8/12/2021		55
2/14/2022		68
11/16/2022		55

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	89	
6/14/2016	55	
8/9/2016	90	
10/11/2016	86	
12/5/2016	74	
2/10/2017	100	
4/7/2017	92	
6/22/2017	64	
10/10/2017	68	
3/22/2018	92	
10/5/2018	90	
3/27/2019	94	
9/12/2019	88	
3/20/2020	99	
9/11/2020	110	
4/5/2021		63
8/13/2021		110
2/14/2022		94
11/16/2022		94

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	100	
6/17/2016	69	
8/10/2016	110	
10/14/2016	100	
12/19/2016	100	
2/13/2017	80	
4/7/2017	86	
6/22/2017	72	
10/10/2017	70	
3/23/2018	86	
10/3/2018	88	
3/27/2019	100	
9/12/2019	110	
3/19/2020	97	
9/11/2020	120	
4/5/2021		99
8/12/2021		100
2/14/2022		100
11/16/2022		100

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	114	
6/14/2016	56 (O)	
8/9/2016	100	
10/11/2016	110	
12/2/2016	94	
2/9/2017	100	
4/7/2017	100	
6/22/2017	110	
10/10/2017	100	
3/22/2018	100	
10/3/2018	96	
3/27/2019	120	
9/12/2019	120	
3/19/2020	110	
9/10/2020	130	
4/6/2021		110
8/12/2021		120
2/14/2022		110
11/16/2022		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	88	
6/15/2016	114	
8/10/2016	82	
10/11/2016	92	
12/5/2016	86	
2/13/2017	62	
4/10/2017	60	
6/23/2017	74	
10/10/2017	86	
3/26/2018	58 (J)	
10/4/2018	130	
3/28/2019	88	
9/12/2019	110	
3/19/2020	110	
9/10/2020	120	
4/6/2021		110
8/13/2021		120
2/14/2022		120
11/16/2022		110

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	79	
6/15/2016	79	
8/10/2016	72	
10/11/2016	76	
12/2/2016	60	
2/13/2017	58	
4/7/2017	68	
6/22/2017	16	
10/10/2017	44	
3/23/2018	96	
10/4/2018	110	
3/28/2019	65	
9/12/2019	89	
3/19/2020	64	
9/10/2020	82	
4/6/2021		49
8/13/2021		72
2/14/2022		79
11/16/2022		76

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	88	
6/16/2016	74	
8/10/2016	66	
10/13/2016	72	
12/5/2016	70	
2/13/2017	12 (O)	
4/10/2017	80	
6/23/2017	66	
10/11/2017	56	
3/26/2018	72	
10/4/2018	96	
3/27/2019	76	
9/12/2019	110	
3/19/2020	66	
9/11/2020	87	
4/5/2021		66
8/13/2021		92
2/15/2022		67
11/16/2022		89

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	103	
6/16/2016	117	
8/11/2016	94	
10/13/2016	110	
12/5/2016	130	
2/13/2017	92	
4/11/2017	120	
6/24/2017	120	
10/11/2017	120	
3/26/2018	98	
10/4/2018	190	
3/28/2019	140	
9/12/2019	160	
3/19/2020	160	
9/11/2020	170	
4/5/2021		170
8/17/2021		180
2/14/2022		150
11/16/2022		180

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 12/2/2022 9:32 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
4/8/2016	237	
6/16/2016	231	
8/11/2016	190	
10/13/2016	230	
12/6/2016	260	
2/13/2017	230	
4/11/2017	210	
6/24/2017	250	
10/11/2017	280	
3/26/2018	240	
10/4/2018	320	
3/28/2019	280	
9/12/2019	300	
3/19/2020	270	
9/11/2020	290	
4/6/2021		250
8/13/2021		290
2/14/2022		280
11/16/2022		270

FIGURE H.

Intrawell Prediction Limits - October 2022 pH Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 10:05 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (S.U.)	GWC-29	6.059	5.652	10/25/2022	6.21	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2

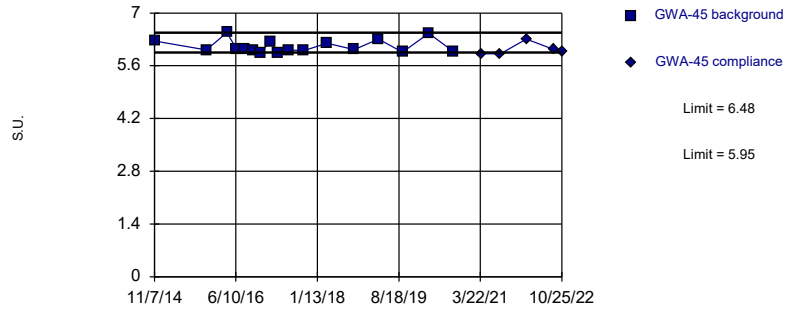
Intrawell Prediction Limits - October 2022 pH Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 10:05 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (S.U.)	GWA-45	6.48	5.95	10/25/2022	5.99	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	10/25/2022	5.88	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	10/25/2022	6.48	No	19	6.443	0.06488	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.953	6.562	10/25/2022	6.81	No	17	6.758	0.09196	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	10/25/2022	6.96	No	17	6.858	0.09329	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	10/25/2022	6.21	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-50	5.967	5.667	10/25/2022	5.89	No	18	5.817	0.07136	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	10/25/2022	5.94	No	18	5.854	0.05721	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	10/25/2022	6.65	No	18	6.652	0.06447	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.76	5.427	10/25/2022	5.64	No	17	5.594	0.07834	0	None	No	0.000752	Param Intra 1 of 2

Within Limits

Prediction Limit
Intrawell Non-parametric

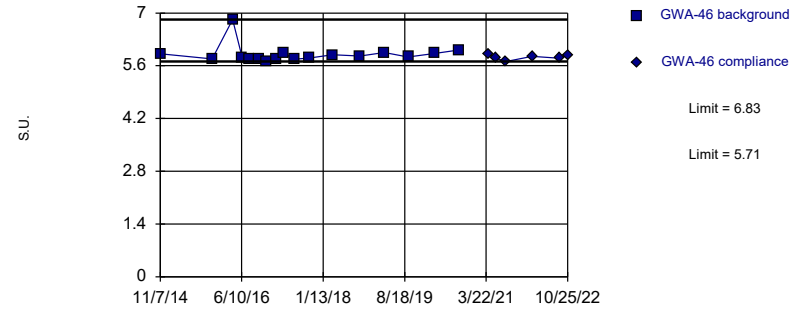


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 12/2/2022 10:04 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

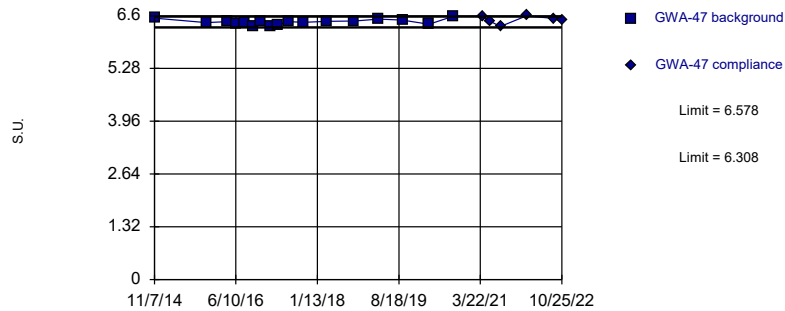


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 12/2/2022 10:04 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

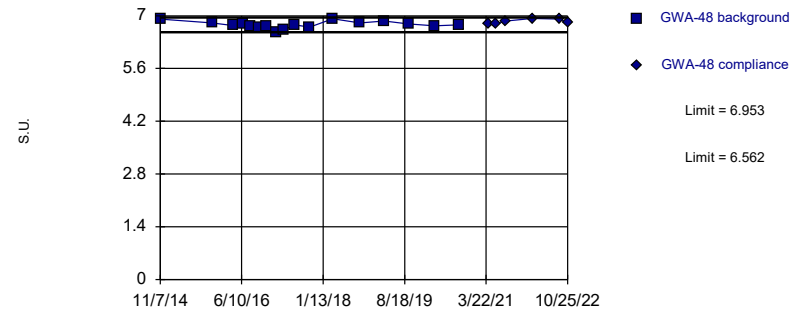


Background Data Summary: Mean=6.443, Std. Dev.=0.06488, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9705, critical = 0.863. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:04 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

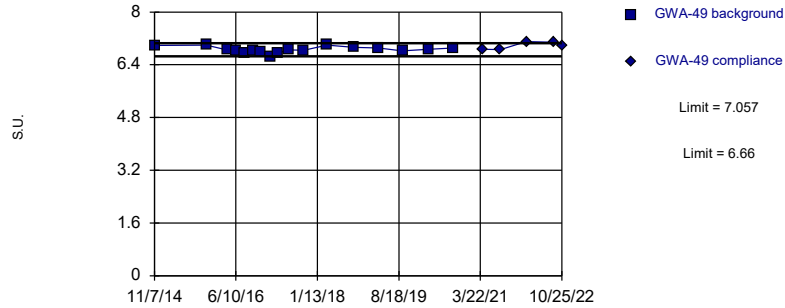


Background Data Summary: Mean=6.758, Std. Dev.=0.09196, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

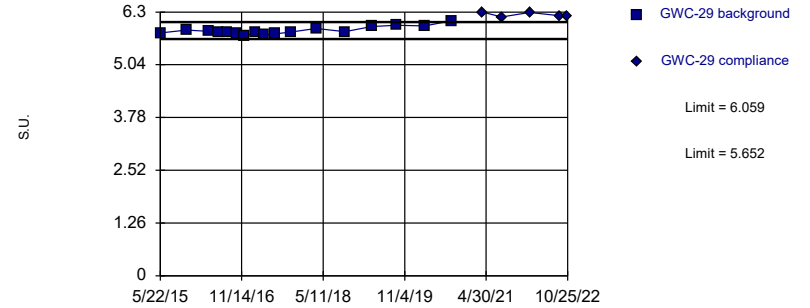


Background Data Summary: Mean=6.858, Std. Dev.=0.09329, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9581, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

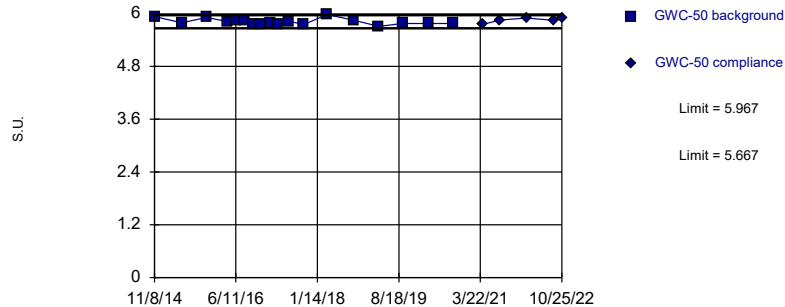


Background Data Summary: Mean=5.855, Std. Dev.=0.09566, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9167, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

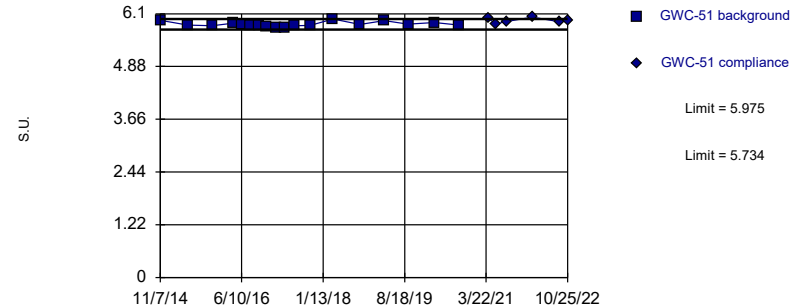


Background Data Summary: Mean=5.817, Std. Dev.=0.07136, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9175, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

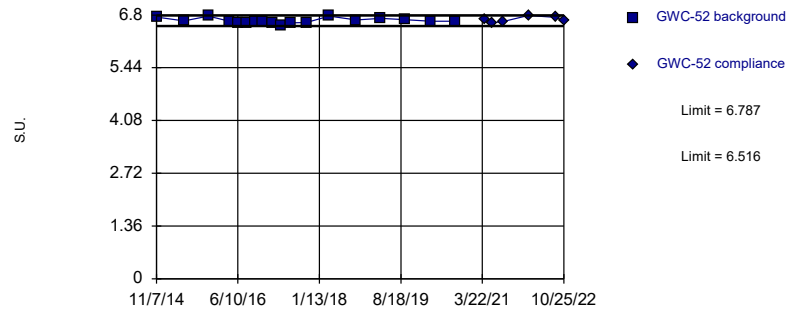


Background Data Summary: Mean=5.854, Std. Dev.=0.05721, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

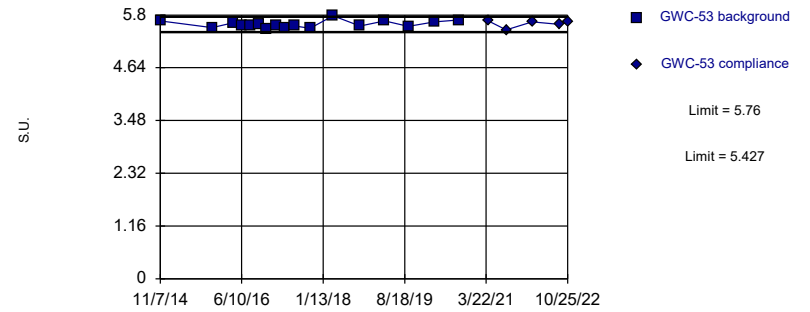


Background Data Summary: Mean=6.652, Std. Dev.=0.06447, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.594, Std. Dev.=0.07834, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9342, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
11/7/2014	6.26	
11/13/2015	6.02	
4/7/2016	6.48	
6/14/2016	6.05	
8/9/2016	6.05	
10/10/2016	6.02	
12/2/2016	5.95	
2/9/2017	6.24	
4/7/2017	5.95	
6/22/2017	6.02	
10/10/2017	6	
3/22/2018	6.2	
10/3/2018	6.03	
3/27/2019	6.31	
9/13/2019	5.96	
3/19/2020	6.46	
9/11/2020	5.98	
4/2/2021		5.92
8/12/2021		5.92
2/14/2022		6.31
8/31/2022		6.03
10/25/2022		5.99

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
11/7/2014	5.92	
11/13/2015	5.78	
4/7/2016	6.83	
6/14/2016	5.82	
8/1/2016	5.78	
10/10/2016	5.78	
12/2/2016	5.71	
2/10/2017	5.79	
4/7/2017	5.93	
6/23/2017	5.77	
10/10/2017	5.81	
3/23/2018	5.89	
10/4/2018	5.86	
3/27/2019	5.95	
9/12/2019	5.83	
3/19/2020	5.93	
9/11/2020	6.02	
4/5/2021		5.92
6/1/2021		5.8
8/12/2021		5.71
2/14/2022		5.85
8/31/2022		5.8
10/25/2022		5.88

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
11/7/2014	6.54	
11/12/2015	6.43	
4/7/2016	6.45 (D)	
4/8/2016	6.45	
6/14/2016	6.4	
8/9/2016	6.43	
10/11/2016	6.34	
12/5/2016	6.46	
2/10/2017	6.33	
4/7/2017	6.38	
6/22/2017	6.45	
10/10/2017	6.44	
3/22/2018	6.46	
10/5/2018	6.47	
3/27/2019	6.52	
9/12/2019	6.49	
3/19/2020	6.39	
3/20/2020	6.39	
9/11/2020	6.59	
4/5/2021		6.59
6/1/2021		6.46
8/13/2021		6.33
2/14/2022		6.6
8/31/2022		6.53
10/25/2022		6.48

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
11/7/2014	6.91	
11/12/2015	6.81	
4/7/2016	6.74	
6/17/2016	6.78	
8/10/2016	6.73	
10/14/2016	6.7	
12/5/2016	6.71	
2/13/2017	6.56	
4/7/2017	6.62	
6/22/2017	6.76	
10/10/2017	6.7	
3/23/2018	6.92	
10/3/2018	6.81	
3/27/2019	6.86	
9/12/2019	6.78	
3/19/2020	6.73	
9/11/2020	6.76	
4/5/2021		6.78
6/1/2021		6.78
8/12/2021		6.86
2/14/2022		6.93
8/31/2022		6.91
10/25/2022		6.81

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
11/7/2014	6.99	
11/12/2015	7	
4/7/2016	6.85	
6/14/2016	6.83	
8/9/2016	6.77	
10/11/2016	6.83	
12/2/2016	6.79	
2/9/2017	6.65	
4/7/2017	6.75	
6/22/2017	6.85	
10/10/2017	6.84	
3/22/2018	7	
10/3/2018	6.93	
3/27/2019	6.91	
9/12/2019	6.82	
3/19/2020	6.87	
9/10/2020	6.91	
4/6/2021		6.87
8/12/2021		6.86
2/14/2022		7.1
8/30/2022		7.08
10/25/2022		6.96

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
5/22/2015	5.8	
11/13/2015	5.87	
4/11/2016	5.84	
6/15/2016	5.82	
8/10/2016	5.82	
10/11/2016	5.78	
12/5/2016	5.72	
2/13/2017	5.81	
4/10/2017	5.75	
6/23/2017	5.78	
10/10/2017	5.82	
3/26/2018	5.91	
10/4/2018	5.83	
3/28/2019	5.95	
9/12/2019	5.98	
3/19/2020	5.97	
9/10/2020	6.09	
4/6/2021		6.3
8/13/2021		6.18
2/14/2022		6.29
8/31/2022		6.21
10/25/2022		6.21

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
11/8/2014	5.94	
5/22/2015	5.79	
11/13/2015	5.92	
4/11/2016	5.82	
6/15/2016	5.85	
8/10/2016	5.85	
10/11/2016	5.76	
12/2/2016	5.76	
2/13/2017	5.8	
4/7/2017	5.75	
6/22/2017	5.83	
10/10/2017	5.76	
3/23/2018	5.98	
10/4/2018	5.85	
3/28/2019	5.71	
9/13/2019	5.78	
3/19/2020	5.78	
9/10/2020	5.78	
4/6/2021		5.76
8/13/2021		5.86
2/14/2022		5.9
8/31/2022		5.85
10/25/2022		5.89

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
11/7/2014	5.95	
5/22/2015	5.84	
5/25/2015	8.36 (o)	
11/13/2015	5.82	
4/11/2016	5.88	
6/16/2016	5.85	
8/10/2016	5.83	
10/13/2016	5.84	
12/5/2016	5.81	
2/13/2017	5.76	
4/10/2017	5.78	
6/23/2017	5.82	
10/11/2017	5.83	
3/26/2018	5.98	
10/4/2018	5.85	
3/27/2019	5.94	
9/12/2019	5.86	
3/19/2020	5.9	
9/11/2020	5.84	
4/5/2021		5.99
6/2/2021		5.87
8/13/2021		5.92
2/15/2022		6.02
8/31/2022		5.91
10/25/2022		5.94

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
11/7/2014	6.75	
5/22/2015	6.65	
5/25/2015	7.63 (o)	
11/13/2015	6.77	
4/11/2016	6.64	
6/16/2016	6.6	
8/11/2016	6.61	
10/13/2016	6.64	
12/5/2016	6.63	
2/13/2017	6.59	
4/11/2017	6.53	
6/26/2017	6.6	
10/11/2017	6.61	
3/26/2018	6.77	
10/4/2018	6.67	
3/28/2019	6.71	
9/12/2019	6.68	
3/19/2020	6.64	
9/11/2020	6.64	
4/5/2021		6.68
6/2/2021		6.6
8/17/2021		6.63
2/14/2022		6.79
8/31/2022		6.74
10/25/2022		6.65

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:05 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
11/7/2014	5.67	
5/25/2015	7.725 (oD)	
11/13/2015	5.52	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021		5.67
8/13/2021		5.47
2/14/2022		5.65
8/31/2022		5.59
10/25/2022		5.64

FIGURE I.

Intrawell Prediction Limits - November 2022 pH Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 10:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (S.U.)	GWC-29	6.059	5.652	11/16/2022	6.14	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2

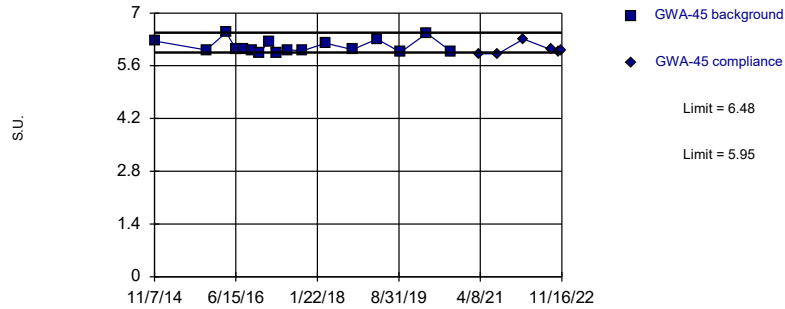
Intrawell Prediction Limits - November 2022 pH Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/2/2022, 10:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (S.U.)	GWA-45	6.48	5.95	11/16/2022	6.02	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	11/16/2022	5.88	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	11/16/2022	6.51	No	19	6.443	0.06488	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.953	6.562	11/16/2022	6.83	No	17	6.758	0.09196	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	11/16/2022	6.91	No	17	6.858	0.09329	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	11/16/2022	6.14	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-50	5.967	5.667	11/16/2022	5.81	No	18	5.817	0.07136	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	11/16/2022	5.87	No	18	5.854	0.05721	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	11/16/2022	6.65	No	18	6.652	0.06447	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.76	5.427	11/16/2022	5.65	No	17	5.594	0.07834	0	None	No	0.000752	Param Intra 1 of 2

Within Limits

Prediction Limit
Intrawell Non-parametric

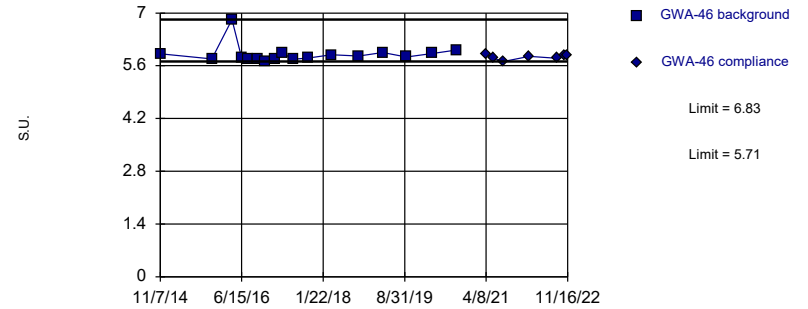


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 12/2/2022 10:13 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

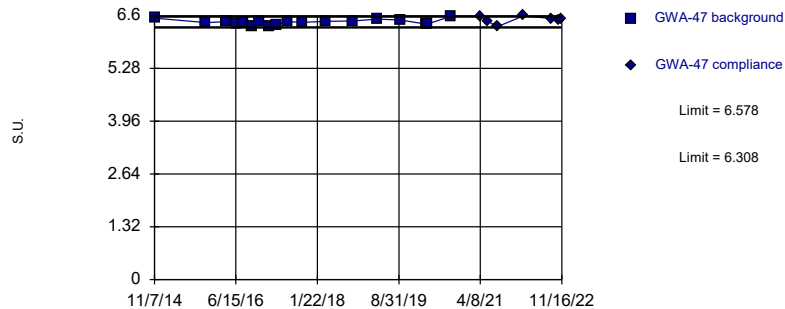


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 12/2/2022 10:13 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

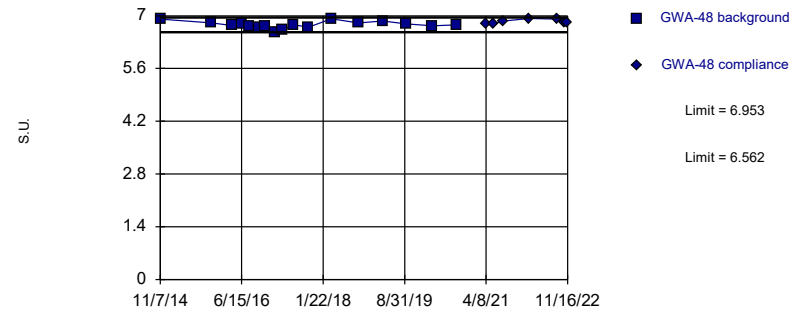


Background Data Summary: Mean=6.443, Std. Dev.=0.06488, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9705, critical = 0.863. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:13 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

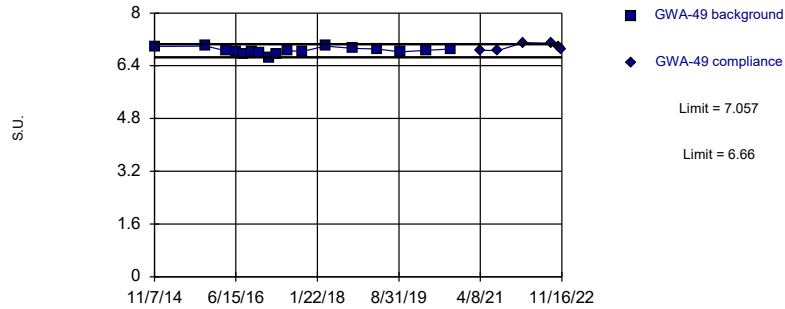


Background Data Summary: Mean=6.758, Std. Dev.=0.09196, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:13 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

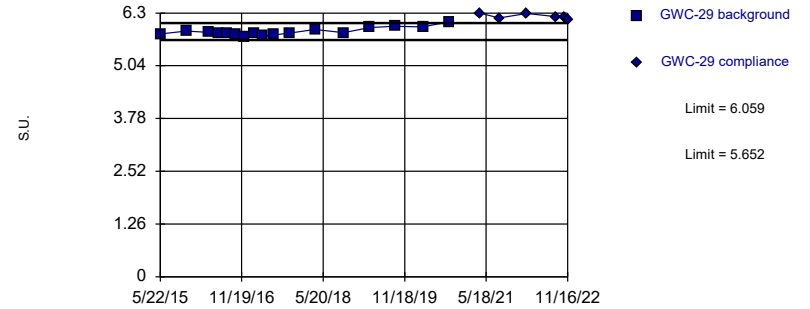


Background Data Summary: Mean=6.858, Std. Dev.=0.09329, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9581, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:13 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

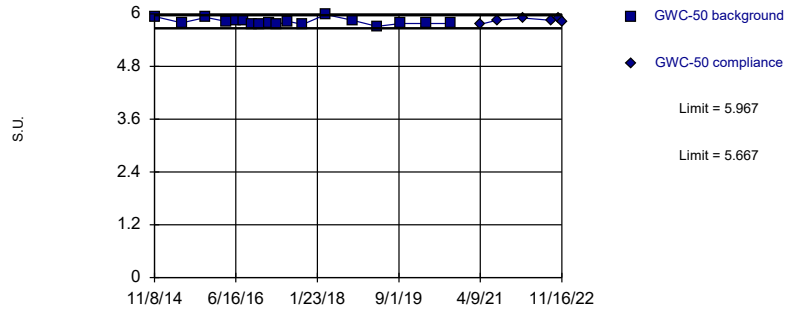


Background Data Summary: Mean=5.855, Std. Dev.=0.09566, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9167, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:13 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

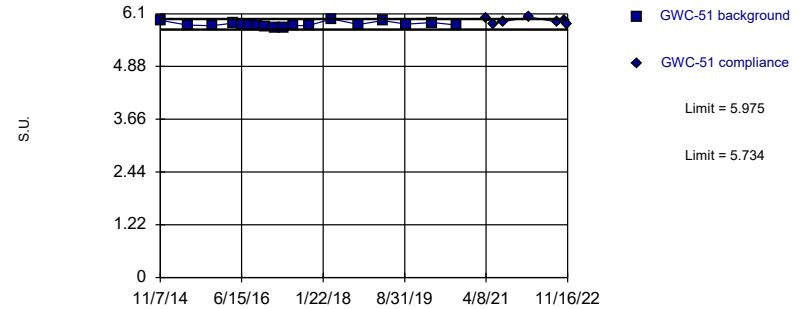


Background Data Summary: Mean=5.817, Std. Dev.=0.07136, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9175, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:13 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

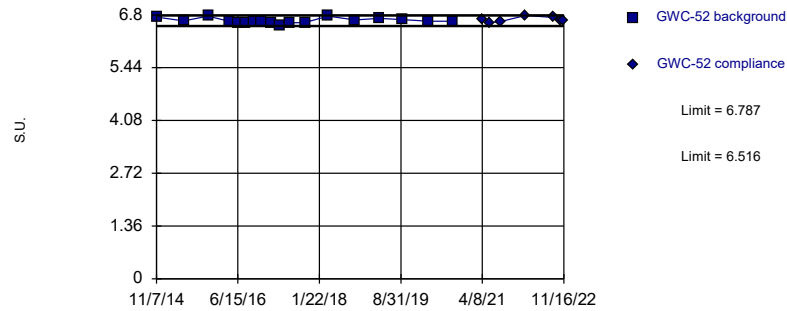


Background Data Summary: Mean=5.854, Std. Dev.=0.05721, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:13 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

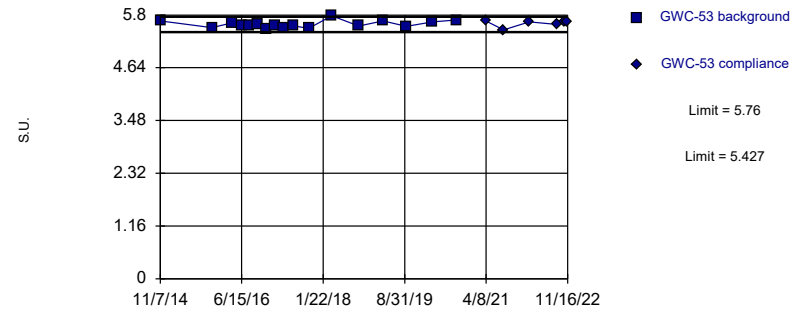


Background Data Summary: Mean=6.652, Std. Dev.=0.06447, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:13 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=5.594, Std. Dev.=0.07834, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9342, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 12/2/2022 10:13 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:15 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
11/7/2014	6.26	
11/13/2015	6.02	
4/7/2016	6.48	
6/14/2016	6.05	
8/9/2016	6.05	
10/10/2016	6.02	
12/2/2016	5.95	
2/9/2017	6.24	
4/7/2017	5.95	
6/22/2017	6.02	
10/10/2017	6	
3/22/2018	6.2	
10/3/2018	6.03	
3/27/2019	6.31	
9/13/2019	5.96	
3/19/2020	6.46	
9/11/2020	5.98	
4/2/2021		5.92
8/12/2021		5.92
2/14/2022		6.31
8/31/2022		6.03
10/25/2022		5.99
11/16/2022		6.02

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:15 AM View: Appendix III - IntraWell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
11/7/2014	5.92	
11/13/2015	5.78	
4/7/2016	6.83	
6/14/2016	5.82	
8/1/2016	5.78	
10/10/2016	5.78	
12/2/2016	5.71	
2/10/2017	5.79	
4/7/2017	5.93	
6/23/2017	5.77	
10/10/2017	5.81	
3/23/2018	5.89	
10/4/2018	5.86	
3/27/2019	5.95	
9/12/2019	5.83	
3/19/2020	5.93	
9/11/2020	6.02	
4/5/2021		5.92
6/1/2021		5.8
8/12/2021		5.71
2/14/2022		5.85
8/31/2022		5.8
10/25/2022		5.88
11/16/2022		5.88

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:15 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
11/7/2014	6.54	
11/12/2015	6.43	
4/7/2016	6.45 (D)	
4/8/2016	6.45	
6/14/2016	6.4	
8/9/2016	6.43	
10/11/2016	6.34	
12/5/2016	6.46	
2/10/2017	6.33	
4/7/2017	6.38	
6/22/2017	6.45	
10/10/2017	6.44	
3/22/2018	6.46	
10/5/2018	6.47	
3/27/2019	6.52	
9/12/2019	6.49	
3/19/2020	6.39	
3/20/2020	6.39	
9/11/2020	6.59	
4/5/2021		6.59
6/1/2021		6.46
8/13/2021		6.33
2/14/2022		6.6
8/31/2022		6.53
10/25/2022		6.48
11/16/2022		6.51

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:15 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
11/7/2014	6.91	
11/12/2015	6.81	
4/7/2016	6.74	
6/17/2016	6.78	
8/10/2016	6.73	
10/14/2016	6.7	
12/5/2016	6.71	
2/13/2017	6.56	
4/7/2017	6.62	
6/22/2017	6.76	
10/10/2017	6.7	
3/23/2018	6.92	
10/3/2018	6.81	
3/27/2019	6.86	
9/12/2019	6.78	
3/19/2020	6.73	
9/11/2020	6.76	
4/5/2021		6.78
6/1/2021		6.78
8/12/2021		6.86
2/14/2022		6.93
8/31/2022		6.91
10/25/2022		6.81
11/16/2022		6.83

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:15 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
11/7/2014	6.99	
11/12/2015	7	
4/7/2016	6.85	
6/14/2016	6.83	
8/9/2016	6.77	
10/11/2016	6.83	
12/2/2016	6.79	
2/9/2017	6.65	
4/7/2017	6.75	
6/22/2017	6.85	
10/10/2017	6.84	
3/22/2018	7	
10/3/2018	6.93	
3/27/2019	6.91	
9/12/2019	6.82	
3/19/2020	6.87	
9/10/2020	6.91	
4/6/2021		6.87
8/12/2021		6.86
2/14/2022		7.1
8/30/2022		7.08
10/25/2022		6.96
11/16/2022		6.91

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:15 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
5/22/2015	5.8	
11/13/2015	5.87	
4/11/2016	5.84	
6/15/2016	5.82	
8/10/2016	5.82	
10/11/2016	5.78	
12/5/2016	5.72	
2/13/2017	5.81	
4/10/2017	5.75	
6/23/2017	5.78	
10/10/2017	5.82	
3/26/2018	5.91	
10/4/2018	5.83	
3/28/2019	5.95	
9/12/2019	5.98	
3/19/2020	5.97	
9/10/2020	6.09	
4/6/2021		6.3
8/13/2021		6.18
2/14/2022		6.29
8/31/2022		6.21
10/25/2022		6.21
11/16/2022		6.14

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:15 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
11/8/2014	5.94	
5/22/2015	5.79	
11/13/2015	5.92	
4/11/2016	5.82	
6/15/2016	5.85	
8/10/2016	5.85	
10/11/2016	5.76	
12/2/2016	5.76	
2/13/2017	5.8	
4/7/2017	5.75	
6/22/2017	5.83	
10/10/2017	5.76	
3/23/2018	5.98	
10/4/2018	5.85	
3/28/2019	5.71	
9/13/2019	5.78	
3/19/2020	5.78	
9/10/2020	5.78	
4/6/2021		5.76
8/13/2021		5.86
2/14/2022		5.9
8/31/2022		5.85
10/25/2022		5.89
11/16/2022		5.81

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:15 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
11/7/2014	5.95	
5/22/2015	5.84	
5/25/2015	8.36 (o)	
11/13/2015	5.82	
4/11/2016	5.88	
6/16/2016	5.85	
8/10/2016	5.83	
10/13/2016	5.84	
12/5/2016	5.81	
2/13/2017	5.76	
4/10/2017	5.78	
6/23/2017	5.82	
10/11/2017	5.83	
3/26/2018	5.98	
10/4/2018	5.85	
3/27/2019	5.94	
9/12/2019	5.86	
3/19/2020	5.9	
9/11/2020	5.84	
4/5/2021		5.99
6/2/2021		5.87
8/13/2021		5.92
2/15/2022		6.02
8/31/2022		5.91
10/25/2022		5.94
11/16/2022		5.87

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:15 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
11/7/2014	6.75	
5/22/2015	6.65	
5/25/2015	7.63 (o)	
11/13/2015	6.77	
4/11/2016	6.64	
6/16/2016	6.6	
8/11/2016	6.61	
10/13/2016	6.64	
12/5/2016	6.63	
2/13/2017	6.59	
4/11/2017	6.53	
6/26/2017	6.6	
10/11/2017	6.61	
3/26/2018	6.77	
10/4/2018	6.67	
3/28/2019	6.71	
9/12/2019	6.68	
3/19/2020	6.64	
9/11/2020	6.64	
4/5/2021		6.68
6/2/2021		6.6
8/17/2021		6.63
2/14/2022		6.79
8/31/2022		6.74
10/25/2022		6.65
11/16/2022		6.65

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/2/2022 10:15 AM View: Appendix III - IntraWell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
11/7/2014	5.67	
5/25/2015	7.725 (oD)	
11/13/2015	5.52	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021		5.67
8/13/2021		5.47
2/14/2022		5.65
8/31/2022		5.59
10/25/2022		5.64
11/16/2022		5.65

FIGURE J.

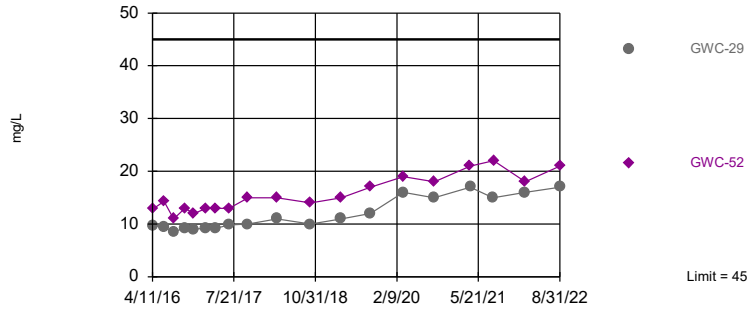
Appendix III Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:36 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-29	45	n/a	8/31/2022	17	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-52	45	n/a	8/31/2022	21	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-51	13	n/a	8/31/2022	7.7	No	132	n/a	n/a	0	n/a	n/a	0.0001138	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-29	7.1	5.52	11/16/2022	6.14	No	163	n/a	n/a	0	n/a	n/a	0.0001483	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	8/31/2022	65	No	133	n/a	n/a	42.86	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

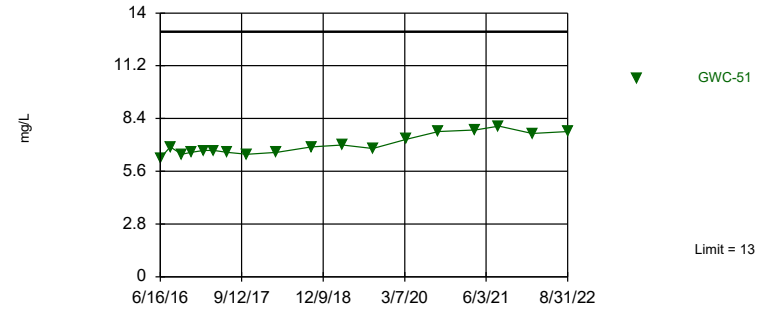


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 133 background values. Annual per-constituent alpha = 0.00112. Individual comparison alpha = 0.0001121 (1 of 2). Comparing 2 points to limit. Assumes 3 future values.

Constituent: Calcium Analysis Run 12/1/2022 9:35 AM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Interwell Non-parametric

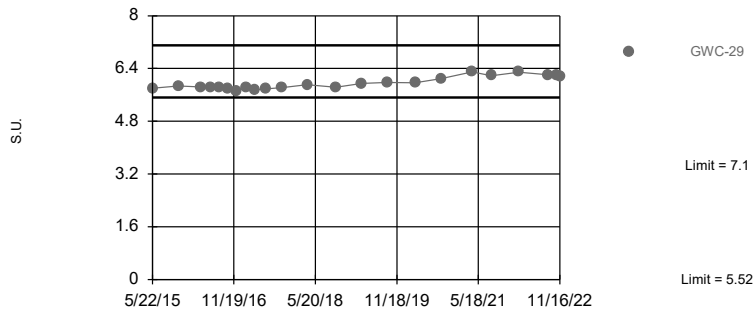


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 132 background values. Annual per-constituent alpha = 0.001138. Individual comparison alpha = 0.0001138 (1 of 2). Assumes 4 future values.

Constituent: Chloride Analysis Run 12/1/2022 9:35 AM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Interwell Non-parametric

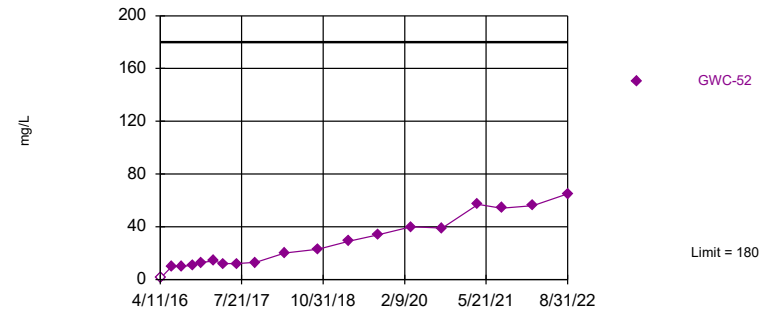


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 163 background values. Annual per-constituent alpha = 0.001483. Individual comparison alpha = 0.0001483 (1 of 2). Assumes 4 future values.

Constituent: pH Analysis Run 12/1/2022 9:35 AM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 133 background values. 42.86% NDs. Annual per-constituent alpha = 0.00112. Individual comparison alpha = 0.0001121 (1 of 2). Assumes 4 future values.

Constituent: Sulfate Analysis Run 12/1/2022 9:35 AM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/1/2022 9:36 AM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-48 (bg)	GWA-49 (bg)	GWA-22 (bg)	GWA-47 (bg)	GWC-29	GWC-52
4/6/2016	9.27								
4/7/2016		38.4	6.57	12.6	15.3				
4/8/2016						8.6	10.7		
4/11/2016								9.7	12.8
6/14/2016	8.2	32.9	5.5		14.2	6.8	11.3		
6/15/2016								9.5	
6/16/2016									14.3
6/17/2016				12.4					
8/9/2016		29	4.6		13	6.2	9.6		
8/10/2016	6.9			11				8.5	
8/11/2016									11
10/10/2016		33	5.3						
10/11/2016	7.6				14	6.2	11	9.3	
10/13/2016									13
10/14/2016				13					
12/2/2016	7.4	33	5.1		13				
12/5/2016						5.5	10	9	12
12/19/2016				11					
2/9/2017		42			14				
2/10/2017	11		5.8			7.8	11		
2/13/2017				13				9.2	13
4/7/2017		35	5.2	12	14	7.3	10		
4/10/2017	9.7							9.2	
4/11/2017									13
6/22/2017		38		13	14		11		
6/23/2017	9.2		5.7					9.8	
6/24/2017									13
6/26/2017						6.8			
10/9/2017	9.4					5.8			
10/10/2017		40	5.8	13	15		11	10	
10/11/2017									15
3/22/2018		39 (D)			14		11		
3/23/2018			6.6	13					
3/26/2018	9.3					8.7		11	15
10/3/2018	7.8	41		12	14	6.1			
10/4/2018			5.4					10	14
10/5/2018							11		
3/27/2019	9.5	39	6.1	13	15	7.1	11		
3/28/2019								11	15
9/12/2019	8.8	36	5.7	13	14	6.1	12	12	17
3/19/2020	11	45	6.7	14	15	9.7		16	19
3/20/2020							12		
9/10/2020	8.2				14	5.9		15	
9/11/2020		30	5.5	12			11		18
4/2/2021	9.2	29				9			
4/5/2021			7	13			13		21
4/6/2021					16			17	
8/12/2021	7.2	26	6.1	12	14	6			
8/13/2021							11	15	
8/17/2021									22
2/14/2022	8	26	5.9	11	13		11	16	18
2/15/2022						9.6			

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/1/2022 9:36 AM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-48 (bg)	GWA-49 (bg)	GWA-22 (bg)	GWA-47 (bg)	GWC-29	GWC-52
8/26/2022	6.8					7.8			
8/30/2022					14				
8/31/2022		23	5.7	12			12	17	21

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/1/2022 9:36 AM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-47 (bg)	GWC-51
4/6/2016	3.034							
4/7/2016		8.05	2.914	2.285	1.842			
4/8/2016						2.1	1.57	
4/11/2016								2.09 (O)
6/14/2016	3.1	9.3	3.1	2.3		4.2	1.7	
6/16/2016								6.3
6/17/2016					1.9			
8/9/2016		10	3.2	2.3		5	1.5	
8/10/2016	2.7				1.8			6.9
10/10/2016		10	3					
10/11/2016	2.7			2.1		3.8	1.6	
10/13/2016								6.5
10/14/2016					1.7			
12/2/2016	2.5	10	3	2				
12/5/2016						3.6	1.5	6.6
12/19/2016					2.7 (O)			
2/9/2017		9.4		2.1				
2/10/2017	3.4		2.7			2.2	1.5	
2/13/2017					1.8			6.7
4/7/2017		9.9	2.9	2	1.7	2.2	1.4	
4/10/2017	3.6							6.7
6/22/2017		9.7		2	1.7		1.4	
6/23/2017	3.2		3.3					6.6
6/26/2017						3.4		
10/9/2017	3.5					3.4		
10/10/2017		9.8	3.5	2	1.6		1.4	
10/11/2017								6.5
3/22/2018		9.7 (D)		1.9			1.3	
3/23/2018			3.6		1.6			
3/26/2018	3.8					1.9 (D)		6.6
10/3/2018	4	10		2	1.6	2.9		
10/4/2018			3.9					6.9
10/5/2018							1.4	
3/27/2019	2.9	9.6	3.7	1.9	1.5	2	1.2	7
9/12/2019	3.4	10	4.3	1.9	1.7	2.5	1.4	6.8
3/19/2020	3.9	9.9	4.5	2.2	1.9	2.2		7.3
3/20/2020							1.7	
9/10/2020	3.7			2.1		2.5		
9/11/2020		12	4.7		1.8		1.6	7.7
4/2/2021	3.7	13				1.8		
4/5/2021			5.3		2		1.8	7.8
4/6/2021				2.1				
8/12/2021	4.1	13	5.5	2.2	1.8	2.7		
8/13/2021							1.8	8
2/14/2022	4	10	5	2	1.8		1.5	
2/15/2022						1.8		7.6
8/26/2022	3.6					2		
8/30/2022				2.2				
8/31/2022		13	5.1		1.6		1.5	7.7

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/1/2022 9:36 AM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)	GWC-29
11/7/2014	6.91	6.26	5.92	6.54	6.99			
11/8/2014						5.89	5.92	
5/21/2015							5.97	
5/22/2015								5.8
11/12/2015	6.81			6.43	7			
11/13/2015		6.02	5.78			5.65	5.8	5.87
4/6/2016						5.9 (D)		
4/7/2016	6.74	6.48	6.83	6.45 (D)	6.85			
4/8/2016				6.45			6.12	
4/11/2016								5.84
6/14/2016		6.05	5.82	6.4	6.83	5.75	5.84	
6/15/2016								5.82
6/17/2016	6.78							
8/1/2016			5.78					
8/9/2016		6.05		6.43	6.77		5.75	
8/10/2016	6.73					5.75		5.82
10/10/2016		6.02	5.78					
10/11/2016				6.34	6.83	5.8	5.84	5.78
10/14/2016	6.7							
12/2/2016		5.95	5.71		6.79	5.78		
12/5/2016	6.71			6.46			5.7	5.72
2/9/2017		6.24			6.65			
2/10/2017			5.79	6.33		5.83	6.17	
2/13/2017	6.56							5.81
4/7/2017	6.62	5.95	5.93	6.38	6.75		5.99	
4/10/2017						5.74		5.75
6/22/2017	6.76	6.02		6.45	6.85			
6/23/2017			5.77					5.78
6/26/2017						5.83	5.87	
10/9/2017						5.61	5.52	
10/10/2017	6.7	6	5.81	6.44	6.84			5.82
3/22/2018		6.2		6.46	7			
3/23/2018	6.92		5.89					
3/26/2018						5.76	6.06	5.91
10/3/2018	6.81	6.03			6.93	5.78	5.83	
10/4/2018			5.86					5.83
10/5/2018				6.47				
3/27/2019	6.86	6.31	5.95	6.52	6.91	5.97	6.04	
3/28/2019								5.95
9/12/2019	6.78		5.83	6.49	6.82	5.83	5.87	5.98
9/13/2019		5.96						
3/19/2020	6.73	6.46	5.93	6.39	6.87	5.81	6.14	5.97
3/20/2020				6.39				
9/10/2020					6.91	5.83	5.78	6.09
9/11/2020	6.76	5.98	6.02	6.59				
4/2/2021		5.92				6.06	6.03	
4/5/2021	6.78		5.92	6.59				
4/6/2021					6.87			6.3
6/1/2021	6.78		5.8	6.46				
8/12/2021	6.86	5.92	5.71		6.86	5.88	5.91	
8/13/2021				6.33				6.18
2/14/2022	6.93	6.31	5.85	6.6	7.1	5.99		6.29

Prediction Limit

Constituent: pH (S.U.) Analysis Run 12/1/2022 9:36 AM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)	GWC-29
2/15/2022							6.4	
8/26/2022						5.73 (D)	5.86 (D)	
8/30/2022					7.08			
8/31/2022	6.91	6.03	5.8	6.53				6.21
10/25/2022	6.81	5.99	5.88	6.48	6.96			6.21
11/16/2022	6.83	6.02	5.88	6.51	6.91			6.14

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/1/2022 9:36 AM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-46 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-45 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-52
4/6/2016	0.813 (J)							
4/7/2016		0.594 (J)	0.507 (J)	1.522	107.095			
4/8/2016						<1	<1	
4/11/2016								<1
6/14/2016	<1	<1	<1		160	<1	<1	
6/16/2016								10
6/17/2016				1.1				
8/9/2016		<1	<1		130	<1	<1	
8/10/2016	0.9 (J)			1.1				
8/11/2016								9.8
10/10/2016		<1			140			
10/11/2016	0.99 (J)		<1			<1	<1	
10/13/2016								11
10/14/2016				0.89 (J)				
12/2/2016	0.99 (J)	<1	<1		150			
12/5/2016						<1	<1	13
12/19/2016				1.2				
2/9/2017			<1		150			
2/10/2017	1.4	<1				<1	<1	
2/13/2017				1.4				14
4/7/2017		<1	<1	1.2	140	<1	<1	
4/10/2017	1.6							
4/11/2017								12
6/22/2017			<1	1.1	160	<1		
6/23/2017	1.8	<1						
6/24/2017								12
6/26/2017							<1	
10/9/2017	2.5						<1	
10/10/2017		<1	<1	0.92 (J)	160	<1		
10/11/2017								13
3/22/2018			<1		150 (D)	<1		
3/23/2018		<1		1.3				
3/26/2018	2.3						<1 (D)	20
10/3/2018	1.9		<1	1.2	140		<1	
10/4/2018		<1						23
10/5/2018						<1		
3/27/2019	0.81 (J)	0.52 (J)	0.56 (J)	1.6	140	<1	<1	
3/28/2019								29
9/12/2019	1.3	0.61 (J)	0.77 (J)	1.2	170	0.4 (J)	0.38 (J)	34
3/19/2020	0.92 (J)	0.39 (J)	0.56 (J)	1.5	150		<1	40
3/20/2020						0.58 (J)		
9/10/2020	1.3		0.42 (J)				<1	
9/11/2020		0.99 (J)		1.3	170	0.39 (J)		39
4/2/2021	0.99 (J)				180		<1	
4/5/2021		<1		1.3		<1		57
4/6/2021			<1					
8/12/2021	1.8	1	<1	1	180		<1	
8/13/2021						<1		
8/17/2021								54
2/14/2022	1	<1	0.85 (J)	1.2	130	<1		56
2/15/2022							0.87 (J)	
8/26/2022	2.7						<1	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/1/2022 9:36 AM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-46 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-45 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-52
8/30/2022			0.76 (J)					
8/31/2022		1.1		1.6	170	1.1		65

FIGURE K.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:45 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWC-29	1.289	127	74	Yes	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-52	1.461	126	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-21 (bg)	0.1611	90	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.288	-76	-74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.3327	81	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.4105	132	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2129	100	68	Yes	18	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	0.06276	148	98	Yes	23	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	8.902	151	74	Yes	19	5.263	n/a	n/a	0.01	NP

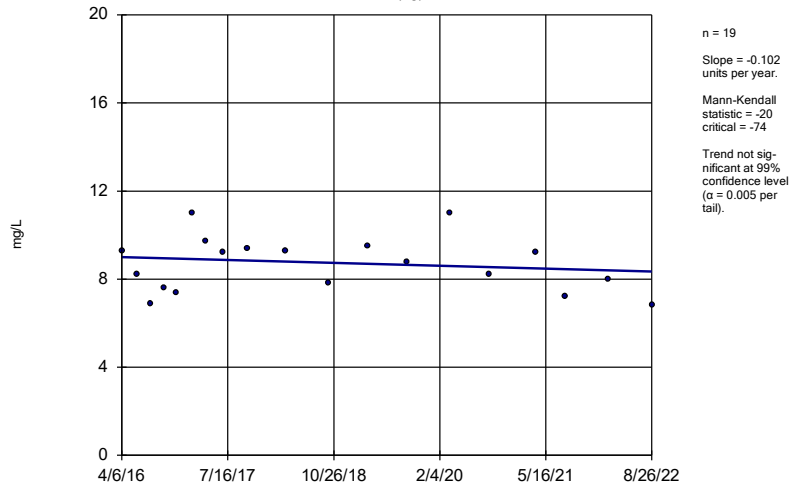
Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 12/1/2022, 9:45 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWA-21 (bg)	-0.102	-20	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-22 (bg)	0.1062	17	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-45 (bg)	-1.216	-33	-74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-46 (bg)	0.1059	53	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-47 (bg)	0.18	66	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-48 (bg)	0	0	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0	2	74	No	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-29	1.289	127	74	Yes	19	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-52	1.461	126	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-21 (bg)	0.1611	90	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.288	-76	-74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.3327	81	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.4105	132	74	Yes	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-47 (bg)	0	-2	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	-18	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	0	-27	-74	No	19	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2129	100	68	Yes	18	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-21 (bg)	0.01812	48	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-22 (bg)	0.01063	27	92	No	22	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-45 (bg)	-0.008848	-46	-98	No	23	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-46 (bg)	0.004137	26	105	No	24	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-47 (bg)	0.01165	89	118	No	26	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-48 (bg)	0.01463	74	105	No	24	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-49 (bg)	0.01395	66	98	No	23	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	0.06276	148	98	Yes	23	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1061	56	74	No	19	5.263	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	-21	-74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	5.214	65	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	5	74	No	19	63.16	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	-10	-74	No	19	78.95	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0.02626	34	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-38	-74	No	19	63.16	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	8.902	151	74	Yes	19	5.263	n/a	n/a	0.01	NP

Sen's Slope Estimator

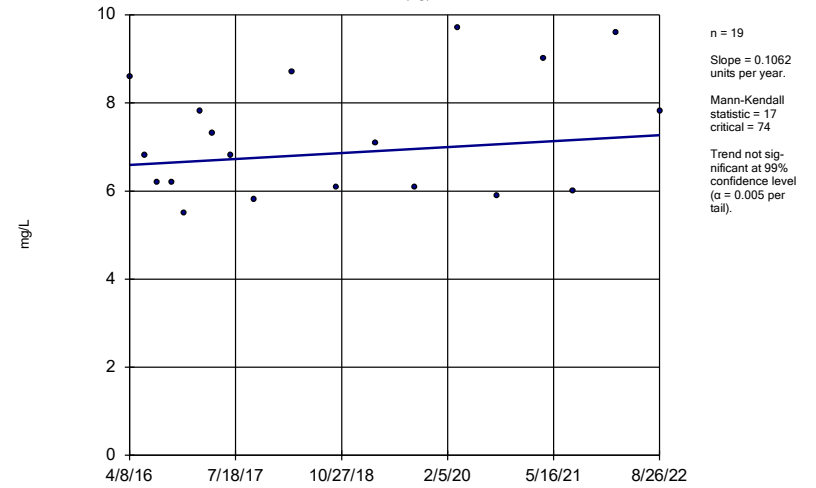
GWA-21 (bg)



Constituent: Calcium Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

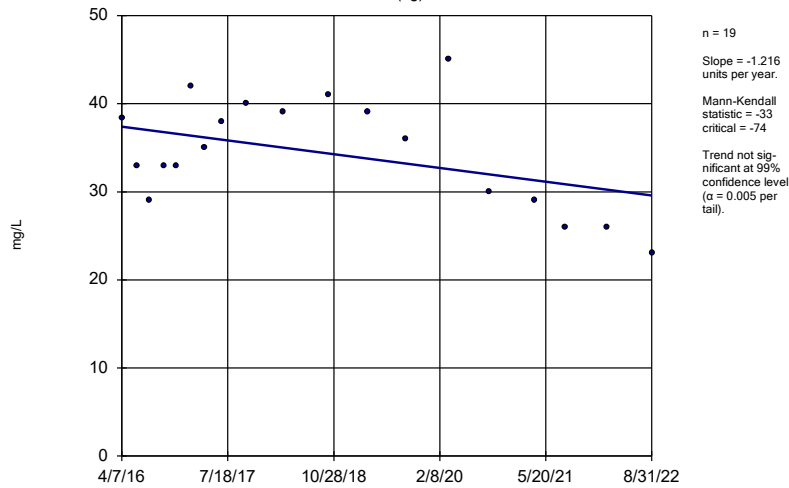
GWA-22 (bg)



Constituent: Calcium Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

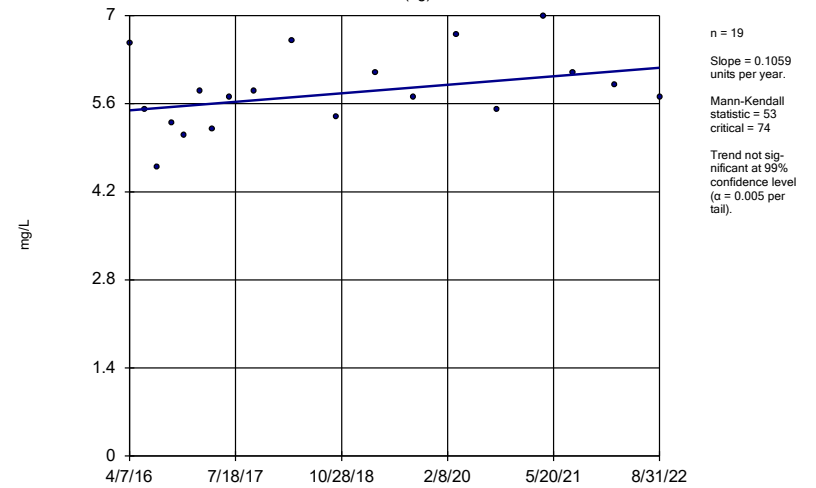
GWA-45 (bg)



Constituent: Calcium Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

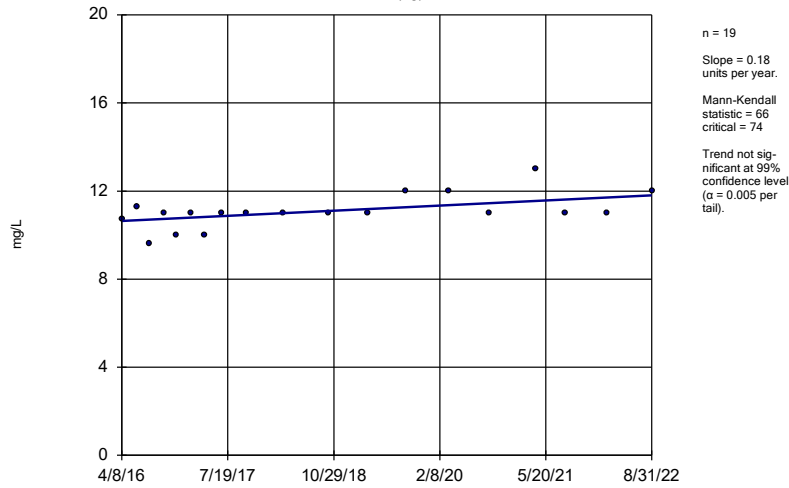
GWA-46 (bg)



Constituent: Calcium Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

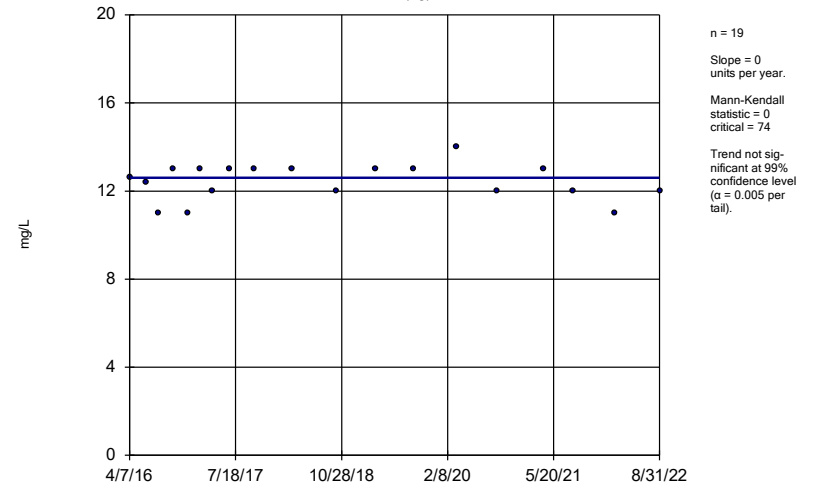
GWA-47 (bg)



Constituent: Calcium Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

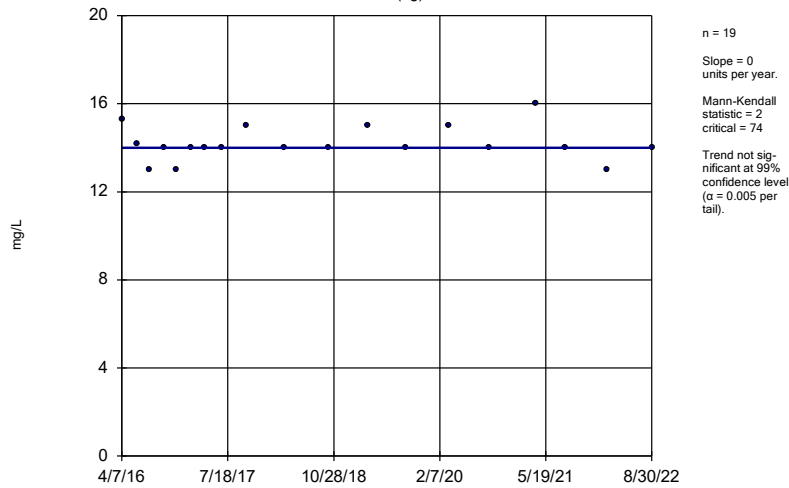
GWA-48 (bg)



Constituent: Calcium Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

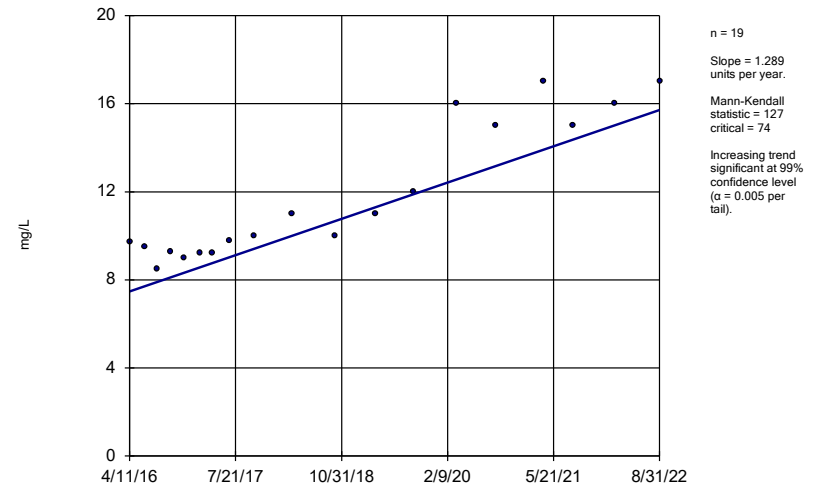
GWA-49 (bg)



Constituent: Calcium Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

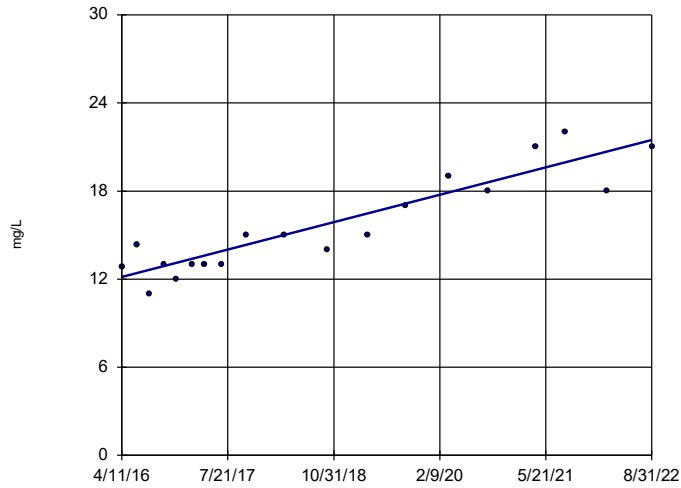
GWC-29



Constituent: Calcium Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

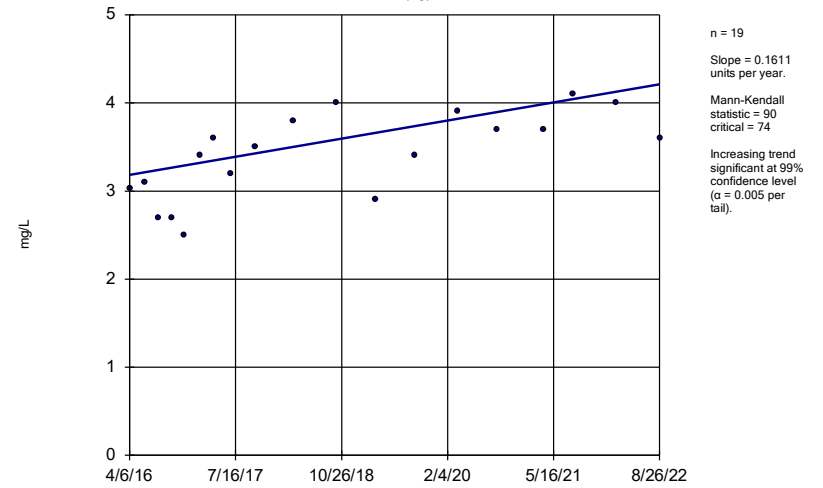
GWC-52



Constituent: Calcium Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

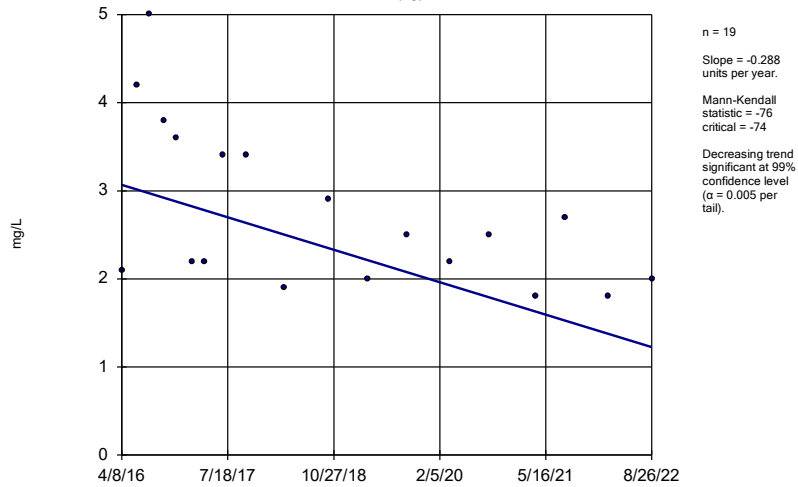
GWA-21 (bg)



Constituent: Chloride Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

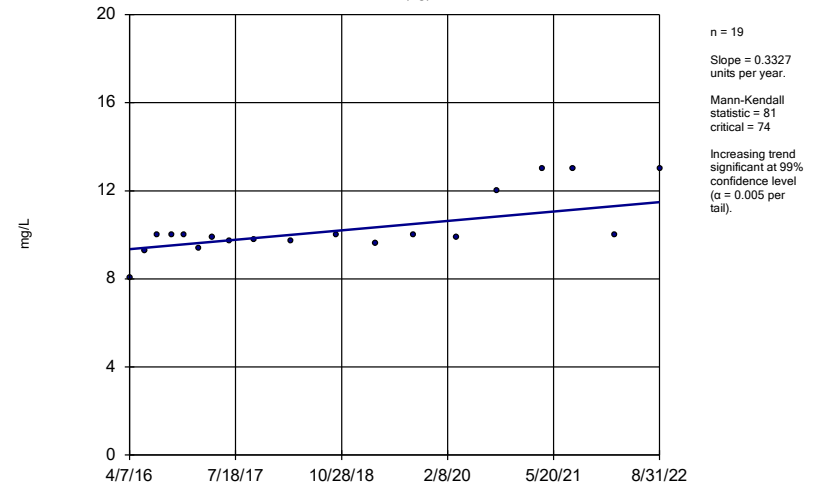
GWA-22 (bg)



Constituent: Chloride Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

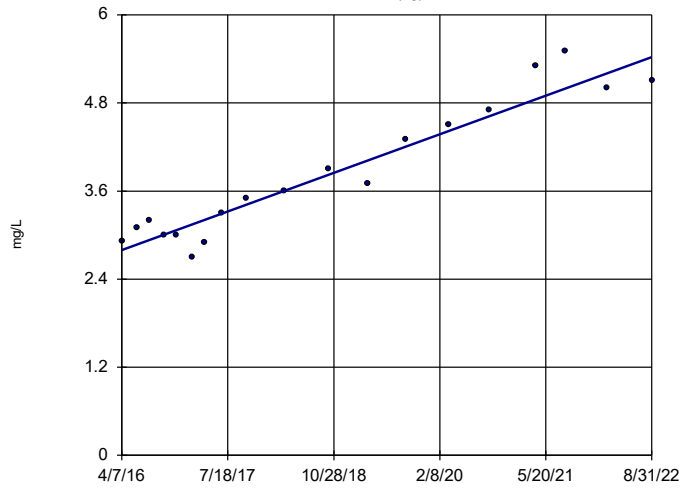
GWA-45 (bg)



Constituent: Chloride Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

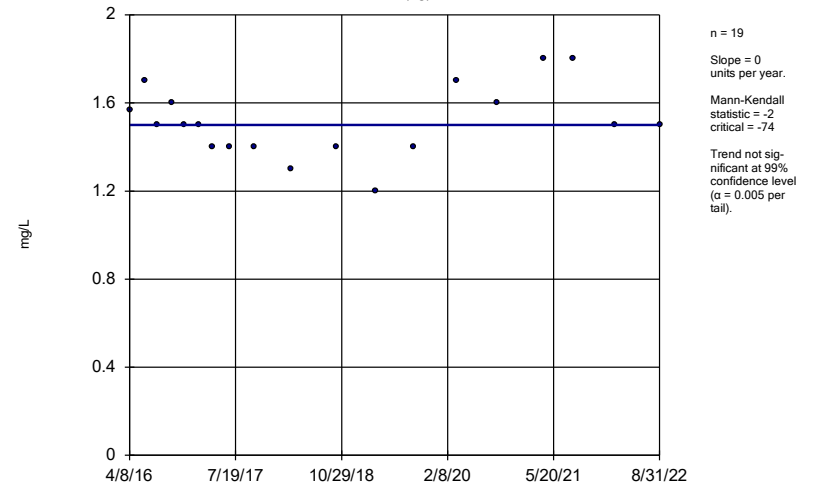
GWA-46 (bg)



Constituent: Chloride Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

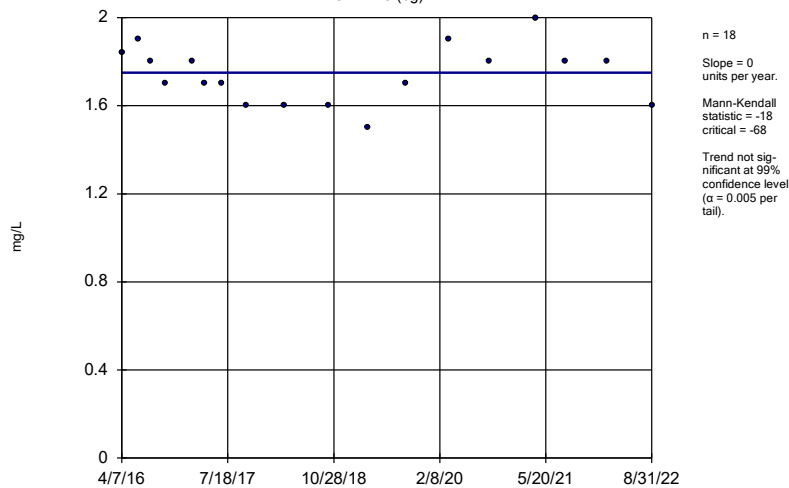
GWA-47 (bg)



Constituent: Chloride Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

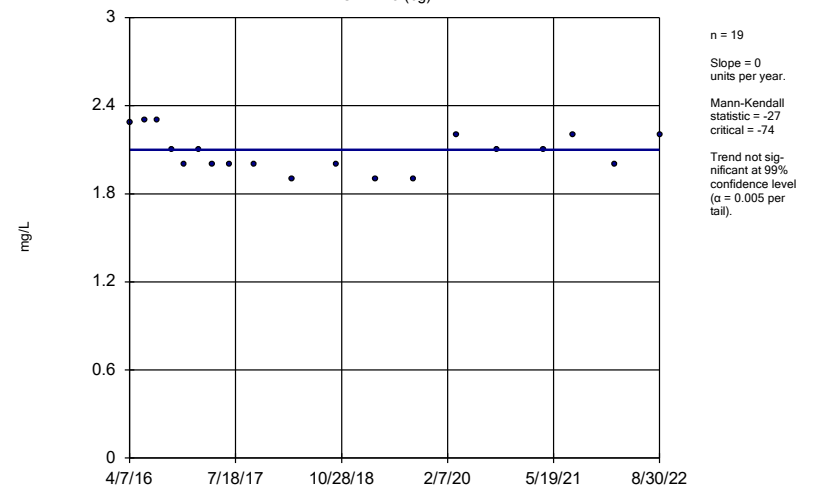
GWA-48 (bg)



Constituent: Chloride Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

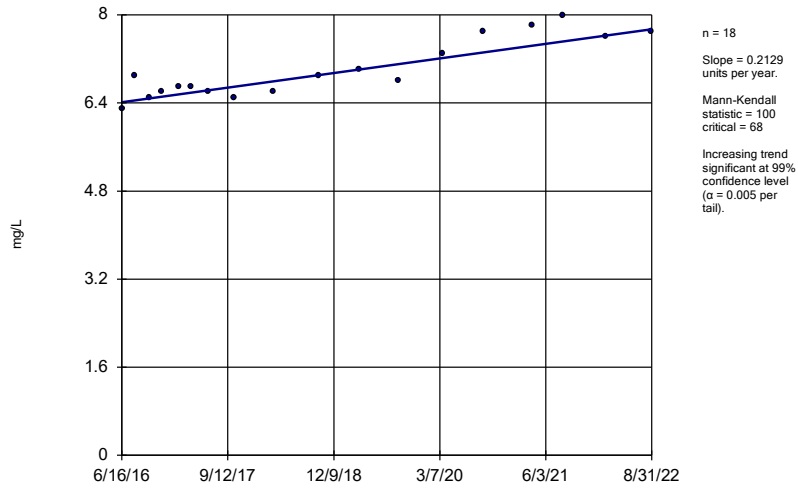
GWA-49 (bg)



Constituent: Chloride Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

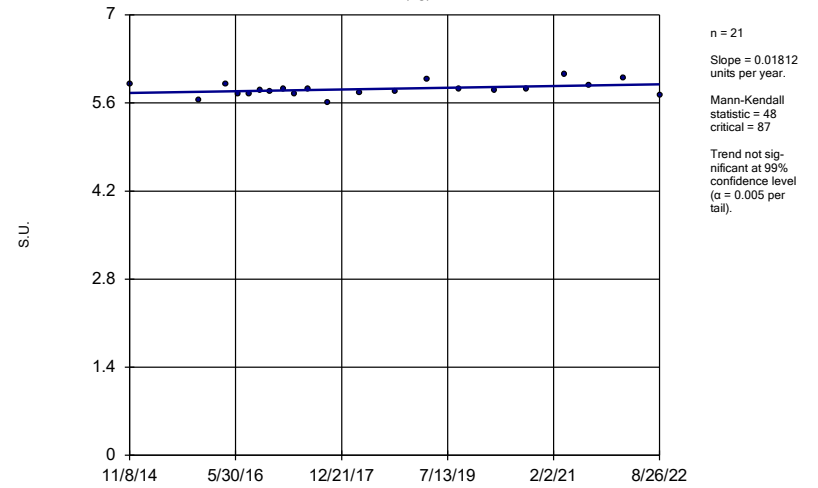
GWC-51



Constituent: Chloride Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

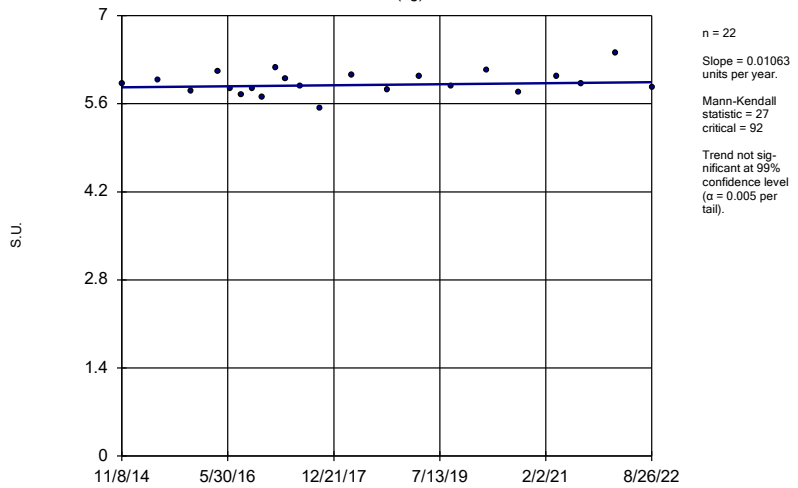
GWA-21 (bg)



Constituent: pH Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

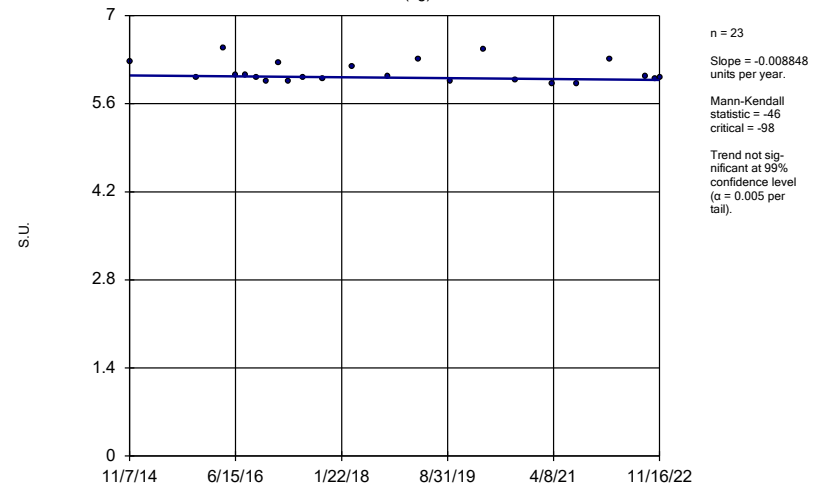
GWA-22 (bg)



Constituent: pH Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

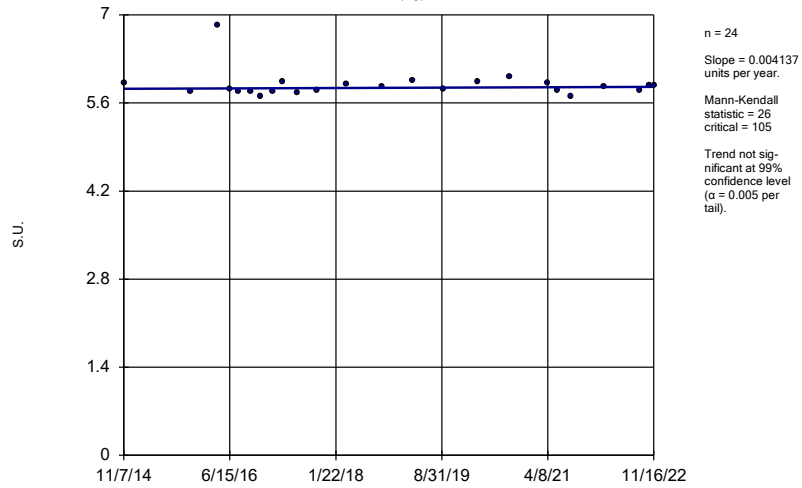
GWA-45 (bg)



Constituent: pH Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

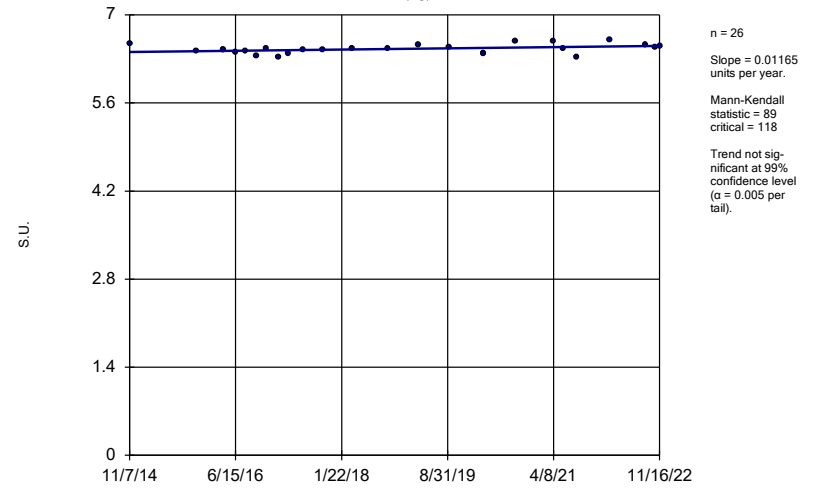
GWA-46 (bg)



Constituent: pH Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

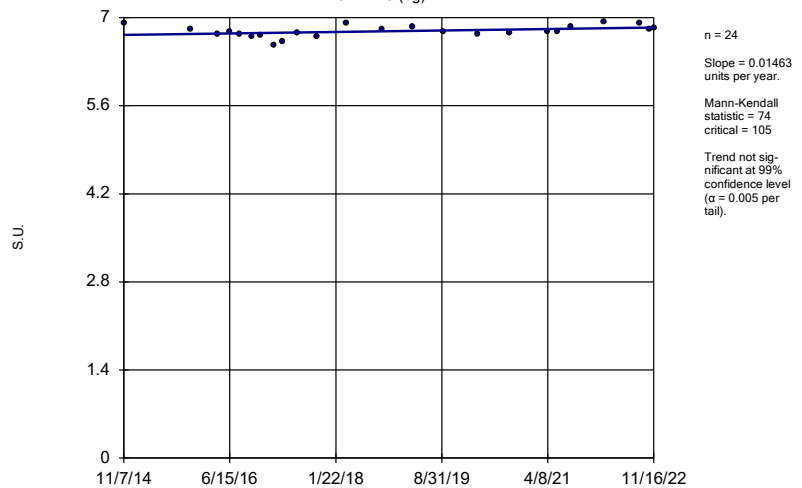
GWA-47 (bg)



Constituent: pH Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

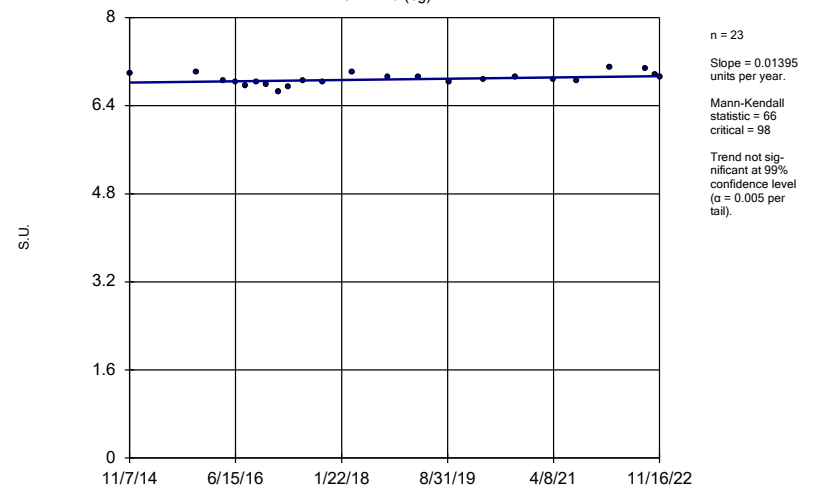
GWA-48 (bg)



Constituent: pH Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

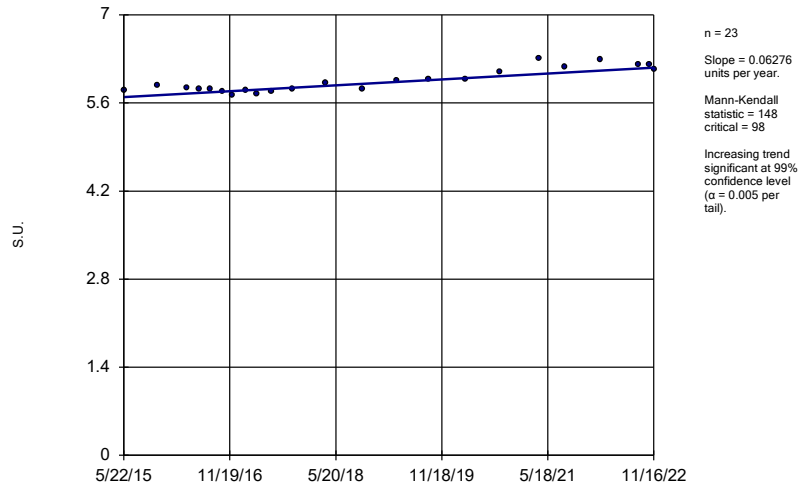
GWA-49 (bg)



Constituent: pH Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-29

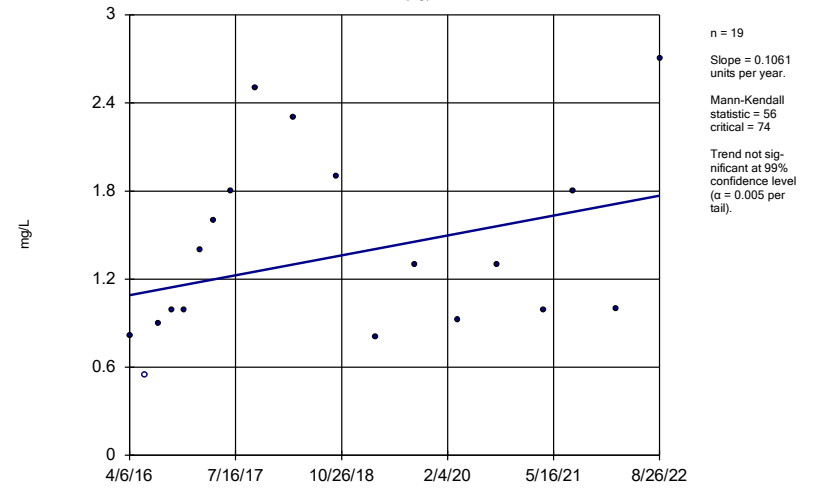


Constituent: pH Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-21 (bg)

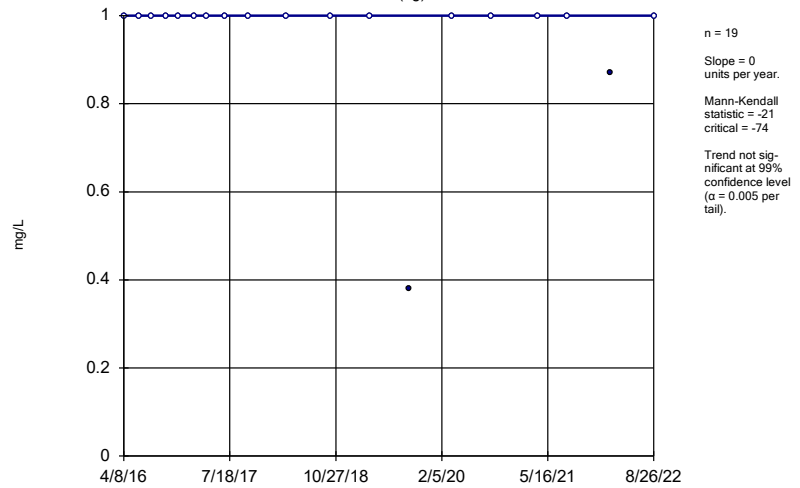


Constituent: Sulfate Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

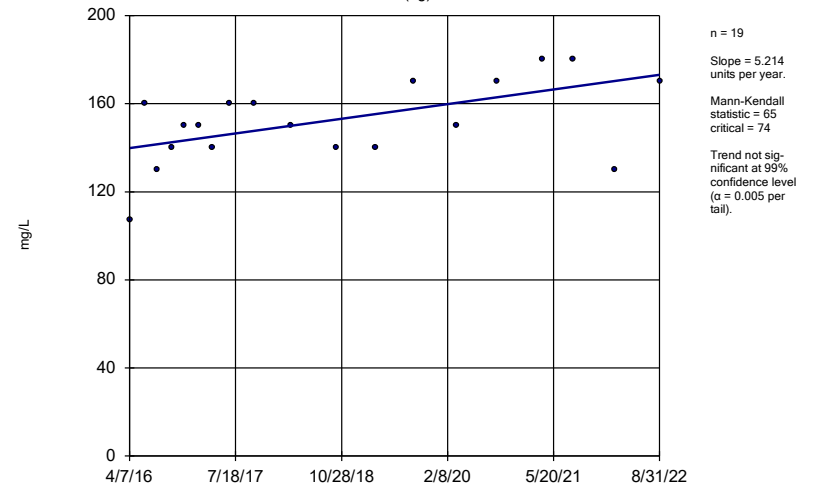
GWA-22 (bg)



Constituent: Sulfate Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

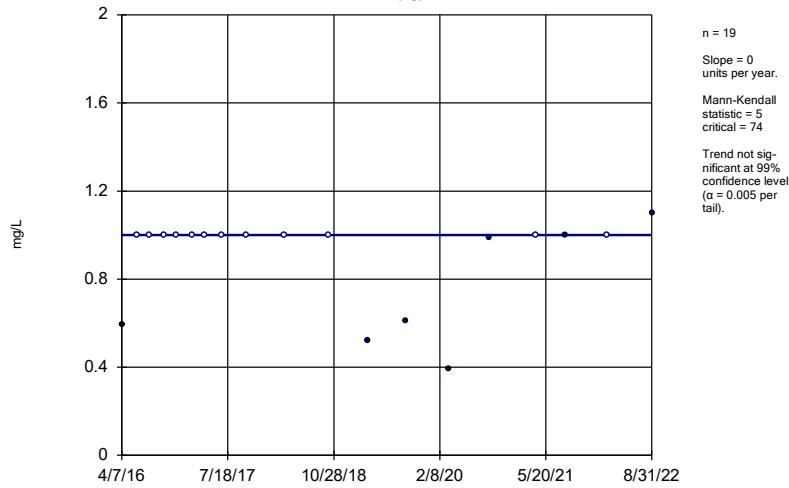
GWA-45 (bg)



Constituent: Sulfate Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

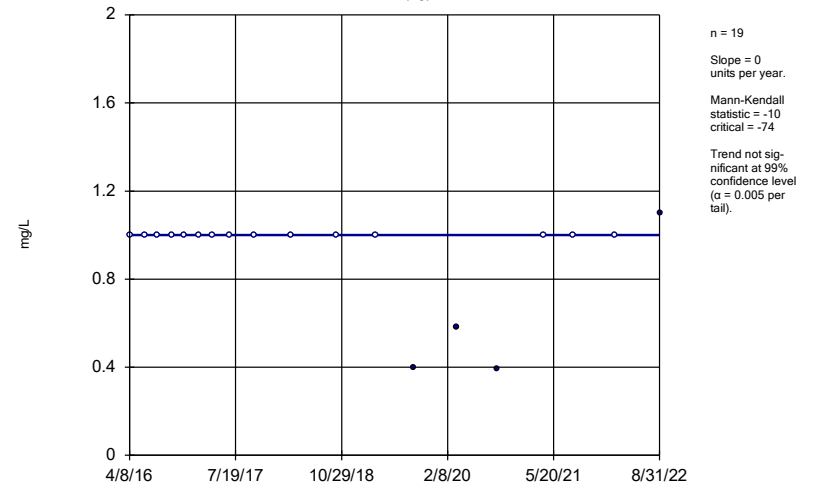
GWA-46 (bg)



Constituent: Sulfate Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

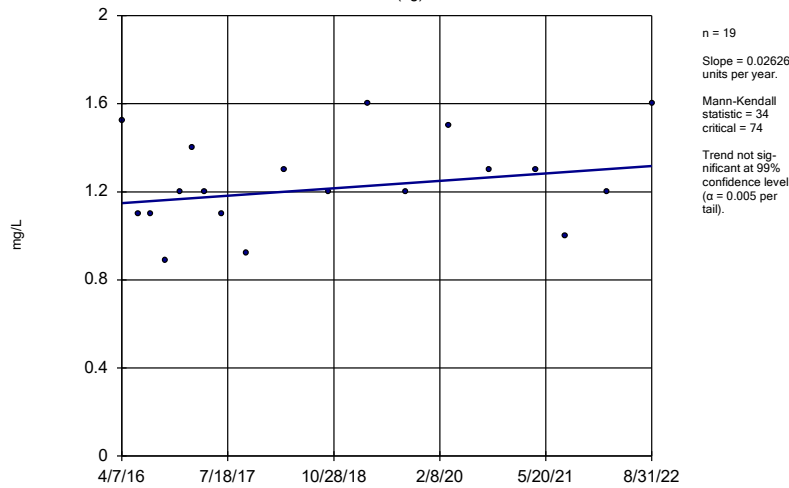
GWA-47 (bg)



Constituent: Sulfate Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

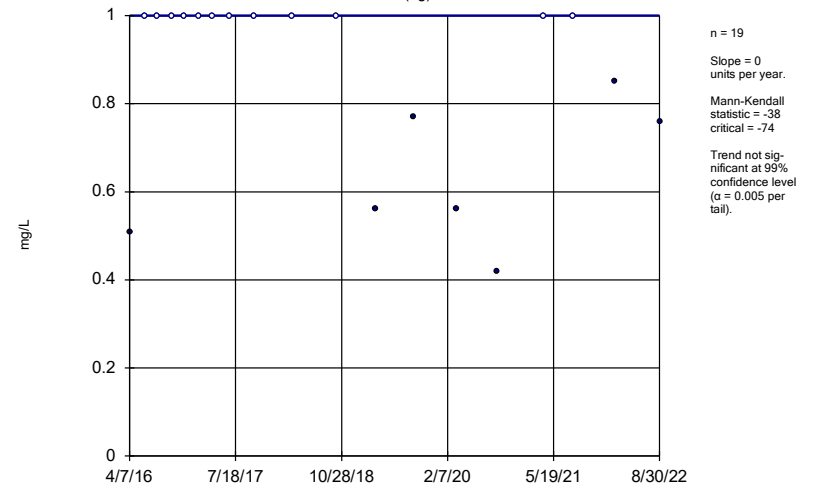
GWA-48 (bg)



Constituent: Sulfate Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

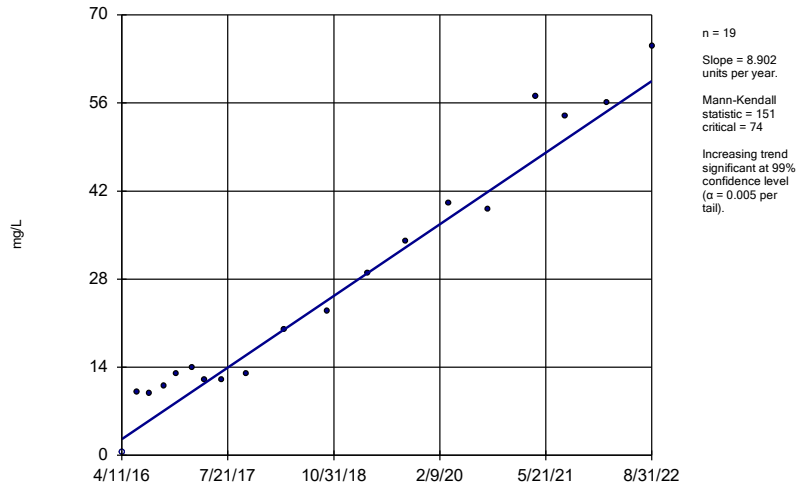
GWA-49 (bg)



Constituent: Sulfate Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52



Constituent: Sulfate Analysis Run 12/1/2022 9:37 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

APPENDIX E

Alternate Source Demonstrations(s)

REPORT

Alternate Source Demonstration

Plant Scherer Cell 1 and PAC Ash Cell

Permit No. 102.009D(LI)

2021

Submitted to:



Georgia Power Company

241 Ralph McGill Boulevard NE, Atlanta, Georgia 30308

Submitted by:

Golder Associates USA Inc.

5170 Peachtree Road Building 100 Suite 300, Atlanta, Georgia, USA 30341

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April 21, 2022

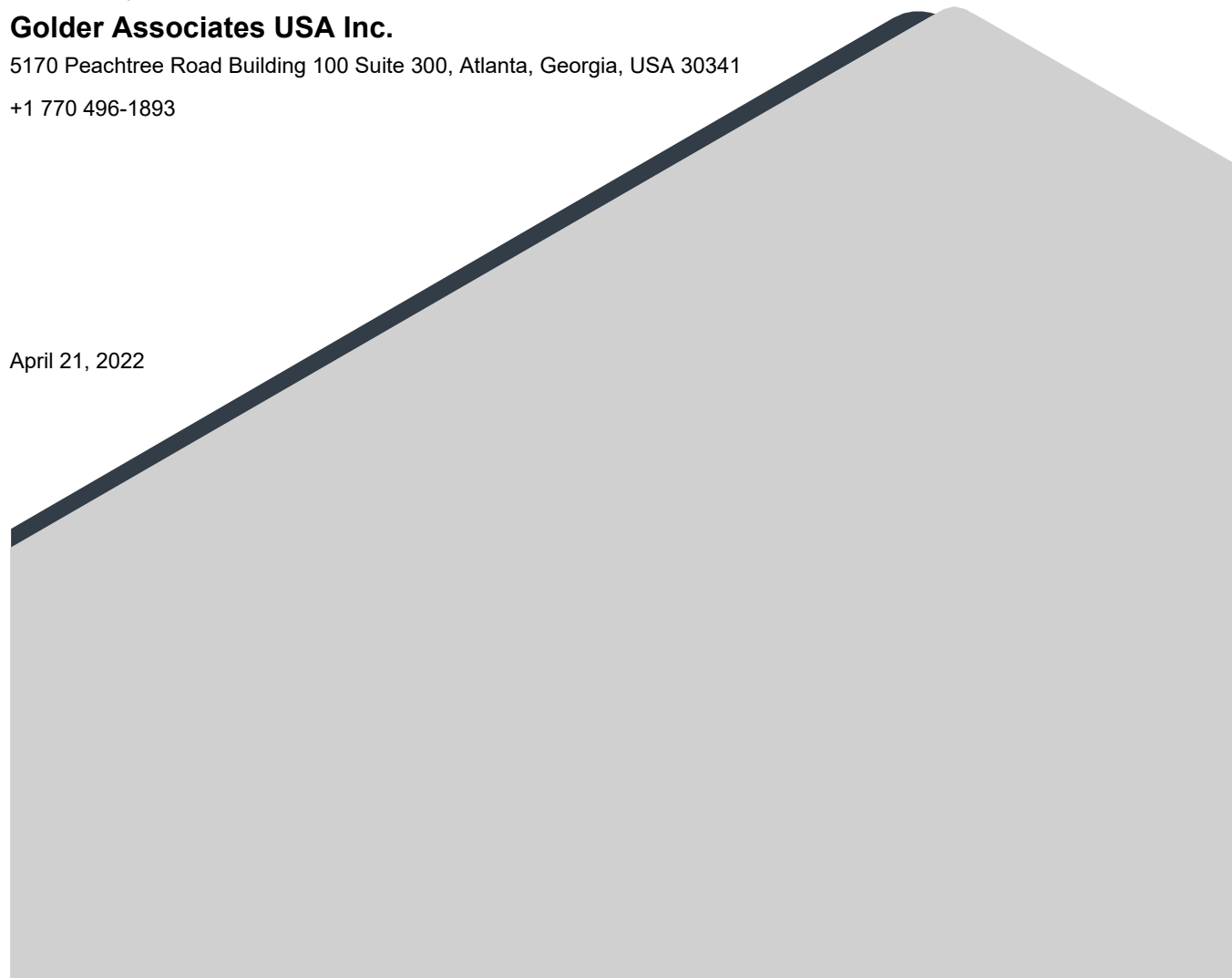


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Figure 4: Boron in Groundwater at GWC-2

Appendix

Appendix: Analytical Data Reports

Certification

This *Alternate Source Demonstration, Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI), 2021 Second Semi-Annual Monitoring Event*, has been prepared in compliance with 40 CFR § 257.94(e)(2) of the Federal Coal Combustion Residuals (CCR) Rule and §391-3-4-.14(23)(c) Georgia Solid Waste Management Rule by a qualified groundwater scientist or engineer with Golder Associates USA Inc. References to the appropriate 391-3-4 Rules are incorporated throughout this document.

Golder Associates USA Inc.



Rachel P. Kirkman, PG
Registered Professional Geologist No. 1756

I hereby certify that the information used in this *2021 Second Semi-Annual Monitoring Event Alternate Source Demonstration, Georgia Power Company Plant Scherer Cell 1*, is accurate pursuant to the requirements of 40 CFR §257.94(e)(2).



Todd H. Rees, PE
Georgia Registered Professional Engineer No. 047845

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1.0 INTRODUCTION

This alternate source demonstration (ASD) has been prepared on behalf of Georgia Power Company (Georgia Power) by Golder Associates USA Inc., a member of WSP (Golder), in accordance with 40 CFR § 257.94(e)(2) of the Federal Coal Combustion Residuals (CCR) Rule and § 391-3-4-.14(23)(c) of the Georgia (GA) Solid Waste Management Rules to address the statistically significant increases (SSIs) of monitored constituents over background concentrations.

These SSIs were presented in the *2021 Annual Groundwater Monitoring & Corrective Action Report*, dated January 31, 2022, for the August 2021 semi-annual groundwater sampling event at Georgia Power's Plant Scherer (Scherer) Cell 1 and Powdered Activated Carbon (PAC) Ash cell (Golder, 2022). Within 90 days of the reported SSIs in compliance with 391-3-.14, this report describes an alternate source for the reported SSIs and demonstrates that the SSIs are not the result of a release from Cell 1 or PAC Ash Cell, but rather due to natural variability in groundwater chemistry.

Semi-annual groundwater quality monitoring and reporting for the landfill units at Plant Scherer are performed in accordance with the Solid Waste Permit 102-009D(LI); and the *Groundwater Monitoring Plan Narrative of the Design & Operations Plan for Georgia Power Company's, Plant Scherer CCB Disposal Facility*, prepared by Southern Company Generation Engineering and Construction Services, February 26, 2010 and the CCR Rule 40 CFR § 257.90-98. The following sections address the statistical exceedances noted following the 2021 second semi-annual monitoring event and provides evidence that demonstrates an alternate source for these exceedances.

2.0 SITE DESCRIPTION

Plant Scherer is a coal-fired power generation facility located in northeast Monroe County approximately 5 miles south of Juliette, GA. The property occupies approximately 13,000 acres and is bounded on the south by Lake Juliette. The plant is primarily surrounded by agricultural and residential use. Figure 1 depicts the location of Plant Scherer relative to the surrounding area.

The Plant Scherer Landfill consists of a two active cells, namely, Cell 1 and PAC Ash Cell. The two active cells have been utilized since 2011 for the disposal of CCR. Figure 2, depicts the general configuration of the landfill units and site monitoring wells along with the potentiometric surface from August 2021.

The site is located within the Piedmont Physiographic Province of central Georgia, which is characterized by gently rolling hills and narrow valleys, with locally pronounced linear ridges (Golder, 2021a). Overall, the property slopes gently south towards Lake Juliette and east toward the Ocmulgee River (Figure 1). The landfill is situated east/southeast of the ash pond which is in a topographically high area on the property. The landfill cells have a geosynthetic clay liner and a geomembrane, and a leachate collection and removal system.

3.0 EVALUATION OF ANALYTICAL RESULTS & STATISTICAL ANALYSES

As presented in the *2021 Annual Groundwater Monitoring & Corrective Action Report*, analytical results show that concentrations of target constituents are below the established prediction limits (PLs) in groundwater samples collected during the August 2021 sampling event with exception of nickel in GWC-2 and calcium in GWC-19. Table 1 presents a summary of the August 2021 monitoring results.

In lieu of immediate verification resampling, an ASD has been prepared to address the SSIs over background. Table 2 provides the results of the August 2021 sampling event, the upper PLs, and whether each statistical exceedance is verified from the previous (March/April 2021) event or an initial control limit exceedance. The SSI for calcium at well GWC-19 is a verified exceedance, whereas the SSI for nickel at well GWC-2 is an initial exceedance.

3.1 Statistical Analysis Method

The selected statistical method for Cell 1 and PAC Ash Cell was developed using methodology presented in *Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance*, March 2009, USEPA 530/R-09-007 (Unified Guidance). The Sanitas groundwater statistical software was used to perform the statistical analyses. Sanitas is a decision-support software package that incorporates the statistical tests required of Subtitle C and D facilities by United States Environmental Protection Agency (USEPA) regulations and guidance as recommended in the USEPA Unified Guidance (2009) document.

During detection monitoring at the site, groundwater quality data are evaluated using a two-step statistical approach (i.e., intrawell followed by interwell PLs). The statistical method(s) use an optional 1-of-2 verification resample plan. An initial exceedance occurs when any downgradient well data exceed both intra- and inter-well PLs.

4.0 ALTERNATE SOURCE DEMONSTRATION

In accordance with Rule and § 391-3-4-.14(23)(c) and 40 CFR § 257.94(e)(2), the following discussion provides a demonstration that the SSIs identified following the August 2021 sampling event are not the result of a release from Cell 1 or the PAC Ash Cell.

4.1 Calcium (GWC-19)

An ASD for calcium at GWC-19 was previously submitted (Golder, 2021b). The concentration of calcium at GWC-19 for the August 2021 event is similar to historical concentrations as shown in Figure 3; therefore, the previously submitted ASD is still applicable. Further, the calcium concentration at GWC-19 for the February 2022 sampling event is 15 mg/L, which is below the established PL of 15.99 mg/L. The variations in calcium in groundwater at GWC-19 are due to natural variations in groundwater quality related to mineral saturation and solubility.

4.2 Nickel (GWC-2)

A SSI of nickel was identified at downgradient Cell 1 monitoring well GWC-2 following the August 2021 sampling event. The reported concentration of nickel (0.0028 mg/L) was above the PL (0.0023 mg/L). However, the nickel concentration at GWC-2 during the February 2022 sampling event was 0.0018 mg/L, which is below the established PL of 0.0023 mg/L (see Appendix and Figure 4). As such, the verified SSI of nickel at GWC-2 was not confirmed following the February 2022 monitoring event.

The entire time series plot for nickel in well GWC-2 (Figure 4) shows that reported concentrations are stable over the last 12 years in the range 0.0017 to 0.0034 mg/L and are within the range of concentrations observed at other site monitoring wells (<0.00034 to 0.04 mg/L; Table 1). These data also show that the reported concentrations at GWC-2 are variable and are not part of a statistically significant trend (slope equals zero; Golder, 2022). The noted increase in nickel concentrations at GWC-2 corresponds with an increase in groundwater elevation (+10 feet as a result of recent significant rain events). The slight increase of nickel concentrations for the August 2021 sampling event is likely due to natural variability in groundwater quality.

The nickel concentration at GWC-2 is relatively low (within 0.0005 mg/L of the Upper Prediction Limit; Golder 2022) and is similar to those expected in the regolith – fractured bedrock aquifers in the Piedmont of southeastern US (USGS, 2013). Boron, a primary CCR indicator has not been detected above method detection limits at this well since monitoring was initiated in 2016 (Figure 5). Based on published data and site-specific data presented in this ASD, the observed concentration of nickel at GWC-2 is representative of naturally occurring and naturally variable nickel concentrations within Piedmont aquifers.

5.0 CONCLUSIONS

This ASD has been prepared in response to apparent statistical exceedances presented in the *2021 Annual Groundwater Monitoring & Corrective Action Report, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell, Permit No. 102.009D(LI)*, dated January 31, 2021. In accordance with 40 CFR § 257.94(e)(2) and §391-3-4-.14.(23)(c) of the GA Solid Waste Management Rules, this ASD along with the previously submitted ASD for calcium at GWC-19 (Golder, 2021b) addresses each of the SSIs noted following the August 2021 sampling event.

Based on the data presented herein, SSIs from the August 2021 monitoring event are not the result of a release from the lined landfill unit, but rather natural variability in groundwater quality. The lines of evidence include:

- The reported concentrations of calcium and nickel are within the range of concentrations expected in the regolith – fractured bedrock aquifers in the Piedmont of southeastern US (USGS, 2009; USGS, 2013).
- Boron, a primary indicator parameter for CCR, is not present above the method detection limit (<0.060 mg/L) at GWC-2.
- Based on the February 2022 results, neither the concentrations calcium at GWC-19 nor nickel at GWC-2 represent confirmed SSIs.

Based on the findings presented herein, Georgia Power will continue with detection groundwater monitoring at Cell 1 and PAC Ash Cell. A copy of this ASD will be included with the forthcoming Annual report.

6.0 REFERENCES

Golder, 2021a. *Hydrogeologic Assessment Report, Plant Scherer Ash Pond 1*, Golder Associates Inc., September 2021.

Golder, 2021b. *Alternate Source Demonstration*, Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell, Permit No. 102.009D(LI), Second Semi-Annual 2020 Monitoring Event, Golder Associates Inc., April 23, 2021.

Golder, 2022. *2021 Annual Groundwater Monitoring & Corrective Action Report, Georgia Power Plant Scherer Cell 1 and PAC Ash Cello*, Permit No. 102.009D(LI), Golder Associates USA Inc., January 31, 2022.

USEPA, 2009. *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance*. Office of Resource Conservation and Recovery – Program Implementation and Information Division, March 2009.

USGS, 2009. *Characterization of Groundwater Quality Based on Regional Geologic Setting in the Piedmont and Blue Ridge Physiographic Provinces, North Carolina*, Scientific Investigations Report 2009-5149, 2009.

USGS, 2013. *Natural Occurring Contaminants in the Piedmont and Blue Ridge Crystalline-Rock Aquifers and Piedmont Early Mesozoic Basin Siliciclastic-Rock Aquifers, Eastern United States, 1994-2008*, Scientific Investigations Report 2013-5072, 2013.

TABLES & FIGURES

Table 1: Analytical Data Summary Cell 1 – August 2021

Table 2: Summary of Statistically Significant Increases – August 2021

Figure 1: Site Location Map

Figure 2: Potentiometric Surface Map – Cell 1 and PAC Ash Cell (August 16, 2021)

Figure 3: Nickel in Groundwater at GWC-2

Figure 4: Boron in Groundwater at GWC-2

TABLE 1
ANALYTICAL DATA SUMMARY CELL 1- AUGUST 2021
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	GROUNDWATER MONITORING WELLS											
		GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
		8/11/2021	8/11/2021	8/11/2021	8/18/2021	8/12/2021	8/12/2021	8/12/2021	8/12/2021	8/11/2021	8/11/2021	8/12/2021	8/12/2021
APPENDIX III													
BORON, TOTAL	mg/L	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	0.19	0.057 J	0.056 J	0.23	0.10
CALCIUM, TOTAL	mg/L	4.1	11	7.3	18	17	6.6	13	46	16	14	37	18
CHLORIDE, TOTAL	mg/L	7.2	1.8	1.4	4.0	2.5	3.3	12	22	6.5	3.0	7.8	4.1
FLUORIDE, TOTAL	mg/L	0.036 J	0.050 J	0.053 J	0.081 J*	0.054 J	0.084 J	0.11	0.045 J	0.055 J	0.058 J	0.087 J	0.085 J
pH	S.U.	5.5	6.35	6.14	4.96	6.41	6.12	6.30	5.87	6.14	6.26	6.37	6.66
pH*	S.U.	--	--	--	6.36*	--	--	--	--	--	--	--	--
SULFATE, TOTAL	mg/L	1.3	< 0.76	< 0.76	0.79 J	< 0.76	< 0.76	3.5	140	11	< 0.76	27	9.7
TOTAL DISSOLVED SOLIDS	mg/L	55	100	94	150	130	89	130	370	160	130	240	150
STATE PARAMETERS													
ANTIMONY, TOTAL	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
ARSENIC, TOTAL	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	0.00081 J	< 0.00031
BARIUM, TOTAL	mg/L	0.010	0.023	0.029	0.049	0.048	0.019	0.049	0.036	0.054	0.036	0.026	0.023
BERYLLIUM, TOTAL	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	0.00022 J	< 0.00018	< 0.00018	< 0.00018	< 0.00018
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	< 0.0015	0.0059	0.0089	0.014	0.012	0.0085	0.0045	0.0053	0.0050	0.0092	< 0.0015	0.0077
COBALT, TOTAL	mg/L	0.0011 J	< 0.00013	< 0.00013	0.00025 J	0.00020 J	0.00067 J	< 0.00013	< 0.00013	< 0.00013	< 0.00013	0.0019 J	0.00013 J
COPPER, TOTAL	mg/L	< 0.00063	< 0.00063	< 0.00063	0.0011 J	0.00078 J	0.0019 J	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063
LEAD, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	0.00014 J	< 0.00013	< 0.00013	< 0.00013	0.00014 J	< 0.00013	< 0.00013
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
NICKEL, TOTAL	mg/L	0.00051 J	< 0.00034	< 0.00034	0.0017	0.0028	0.0029	0.00076 J	0.00061 J	0.00074 J	< 0.00034	0.0035	0.00045 J
SELENIUM, TOTAL	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0088	< 0.0015	< 0.0015	< 0.0015	< 0.0015
SILVER, TOTAL	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
THALLIUM, TOTAL	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00037 J	0.00020 J	0.00043 J	0.00043 J	0.00016 J
VANADIUM, TOTAL	mg/L	< 0.00099	0.0082	0.0055	0.018	0.016	0.0087	0.0070	0.0021	0.0099	0.013	< 0.00099	0.020
ZINC, TOTAL	mg/L	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	0.0035 J	< 0.0032	0.0034 J	< 0.0032	< 0.0032	< 0.0032	< 0.0032

NOTES:

1. mg/L - Milligrams per Liter; SU - Standard Units.
2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the method detection limit.
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
- 4 * indicates the analyte was resampled between October 7th and October 18th, 2021.

TABLE 1
ANALYTICAL DATA SUMMARY CELL 1- AUGUST 2021
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	GROUNDWATER MONITORING WELLS							
		GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
		8/17/2021	8/11/2021	8/11/2021	8/11/2021	8/11/2021	8/11/2021	8/11/2021	8/11/2021
APPENDIX III									
BORON, TOTAL	mg/L	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039
CALCIUM, TOTAL	mg/L	18	13	1.0	6.7	6.9	10	17 *	14
CHLORIDE, TOTAL	mg/L	3.1	1.8	1.8	1.6	3.7	2.9	2.8	2.1
FLUORIDE, TOTAL	mg/L	0.083 J	0.051 J	0.029 J	0.045 J	0.045 J	0.062 J	0.047 J	0.051 J
pH	S.U.	6.45	6.21	5.20	5.92	5.61	6.43	6.35	6.58
pH*	S.U.	6.25*	--	--	--	--	--	6.79*	--
SULFATE, TOTAL	mg/L	1.2	< 0.76	< 0.76	0.89 J	< 0.76	< 0.76	< 0.76	< 0.76
TOTAL DISSOLVED SOLIDS	mg/L	160	120	18	75	71	98	120	110
STATE PARAMETERS									
ANTIMONY, TOTAL	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
ARSENIC, TOTAL	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031
BARIIUM, TOTAL	mg/L	0.031*	0.017	0.018	0.037	0.012	0.037	0.031	0.031
BERYLLIUM, TOTAL	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	0.019*	0.0078	< 0.0015	0.0051	< 0.0015	0.014	0.013	0.0087
COBALT, TOTAL	mg/L	<0.00013*	< 0.00013	0.00033 J	< 0.00013	< 0.00013	0.00021 J	< 0.00013	< 0.00013
COPPER, TOTAL	mg/L	<0.00063*	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063
LEAD, TOTAL	mg/L	<0.00013*	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
NICKEL, TOTAL	mg/L	0.0020*	0.00060 J	0.00080 J	< 0.00034	< 0.00034	< 0.00034	< 0.00034	0.00056 J
SELENIUM, TOTAL	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
SILVER, TOTAL	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
THALLIUM, TOTAL	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
VANADIUM, TOTAL	mg/L	0.013*	0.011	< 0.00099	0.0013	0.0012	0.0080	0.0076	0.019
ZINC, TOTAL	mg/L	<0.0032*	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032

NOTES:

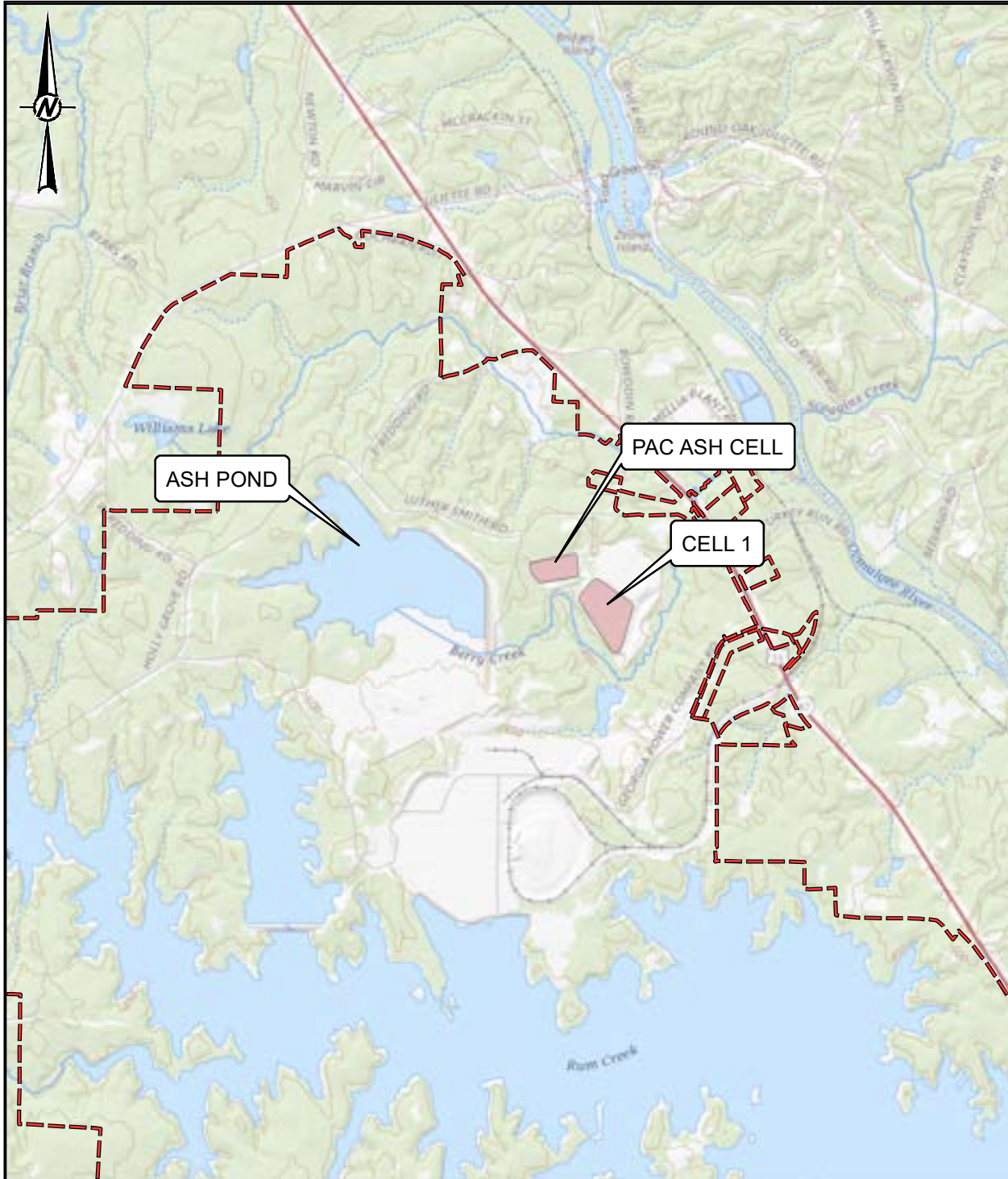
1. mg/L - Milligrams per Liter; SU - Standard Units.
2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the method detection limit.
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
- 4 * indicates the analyte was resampled between October 7th and October 18th, 2021.

TABLE 2
SUMMARY OF STATISTICALLY SIGNIFICANT INCREASES - AUGUST 2021
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

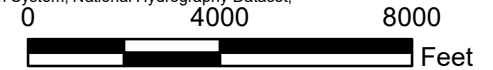
WELL ID	CONSTITUENT	Concentration (August 2021)	Intrawell Prediction Limit	Interwell Prediction Limit	SSI (Initial / Verified)	ASD Previously Submitted
		mg/L	mg/L	mg/L		
CELL 1						
GWC-19	Calcium	17	15.99	14	verified	YES ^[1]
GWC-2	Nickel	0.0028	0.0023	0.00202	Initial	NO

Notes:

[1] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2020 Second Semi-Annual Monitoring Event, April 23, 2021 (Golder, 2021b).



Service Layer Credits: USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset,



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER



PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL

TITLE
SITE LOCATION MAP

CONSULTANT	YYYY-MM-DD	2021-06-29
wsp GOLDER	PREPARED	DJC
	DESIGN	DH
	REVIEW	DLP
	APPROVED	RPK

PROJECT No. 166235021	CONTROL 16623521AD000-GIS.mxd	Rev. 0	FIGURE 1
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LEGEND

- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- CELL 3 MONITORING WELL
- PIEZOMETER
- SURFACE WATER SAMPLING LOCATION
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- STREAM
- PROPERTY BOUNDARY
- PONDS

NOTES

- GROUNDWATER ELEVATION MEASUREMENTS OBTAINED AUGUST 16, 2021 BY GOLDER ASSOCIATES.
- GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
- DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE GROUNDWATER CONTOURS.
- PZ-50D IS NOT SHOWN; ITS LOCATION IS BEYOND THE MAPPED LIMITS.

REFERENCE

- COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).
- MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER



PROJECT
 ALTERNATE SOURCE DEMONSTRATION CELL 1
 AND PAC ASH CELL

TITLE
POTENTIOMETRIC SURFACE MAP - CELL 1
AUGUST 16, 2021

CONSULTANT	DATE	REVISION
	YYYY-MM-DD	2021-09-29
	PREPARED	DJC
	DESIGN	DLP
	REVIEW	DLP
	APPROVED	RPK

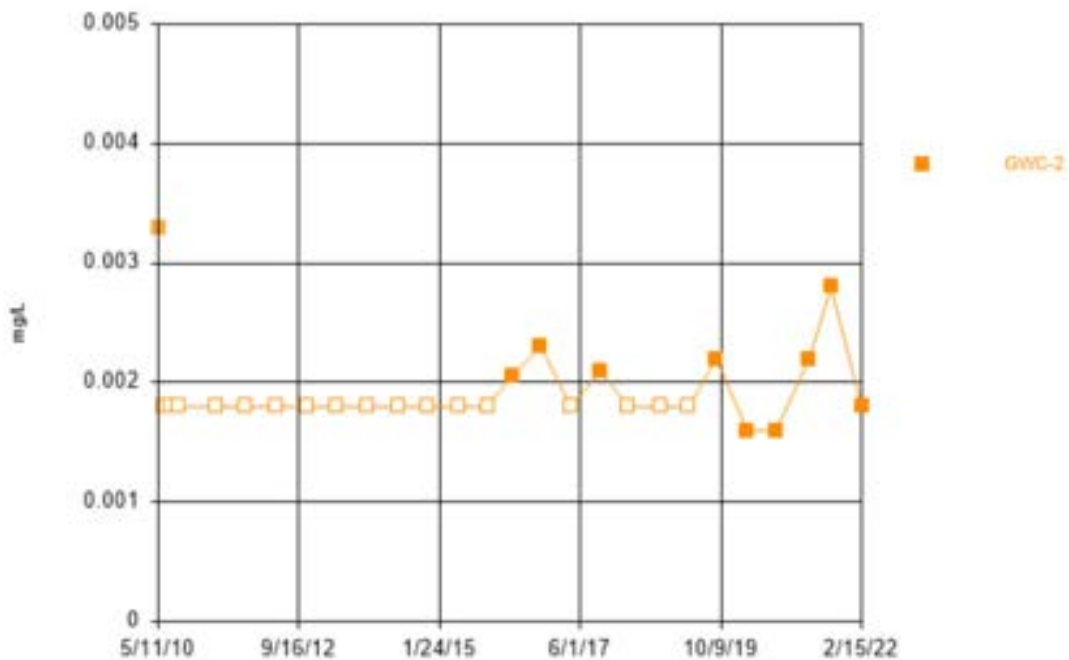


Path: H:\18k-Projects\166235021-Southern Company Services\gumaaf-gw\CONTOUR MAPS AUG 2021\166235021AF003-GIS.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM ANS/B

Santitas™ v 9.6.32 For the statistical analyses of ground water by Golder Associates only. UG
 Hollow symbols indicate censored values.

Time Series



Constituent: Nickel Analysis Run 3/21/2022 6:55 PM
 Scherer Client: Golder Associates Data: Scherer Cell 1 LF

CLIENT
 GEORGIA POWER COMPANY
 PLANT SCHERER

PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL

CONSULTANT

TITLE
NICKEL IN GROUNDWATER AT GWC-2



PROJECT NO.
 gl166235021

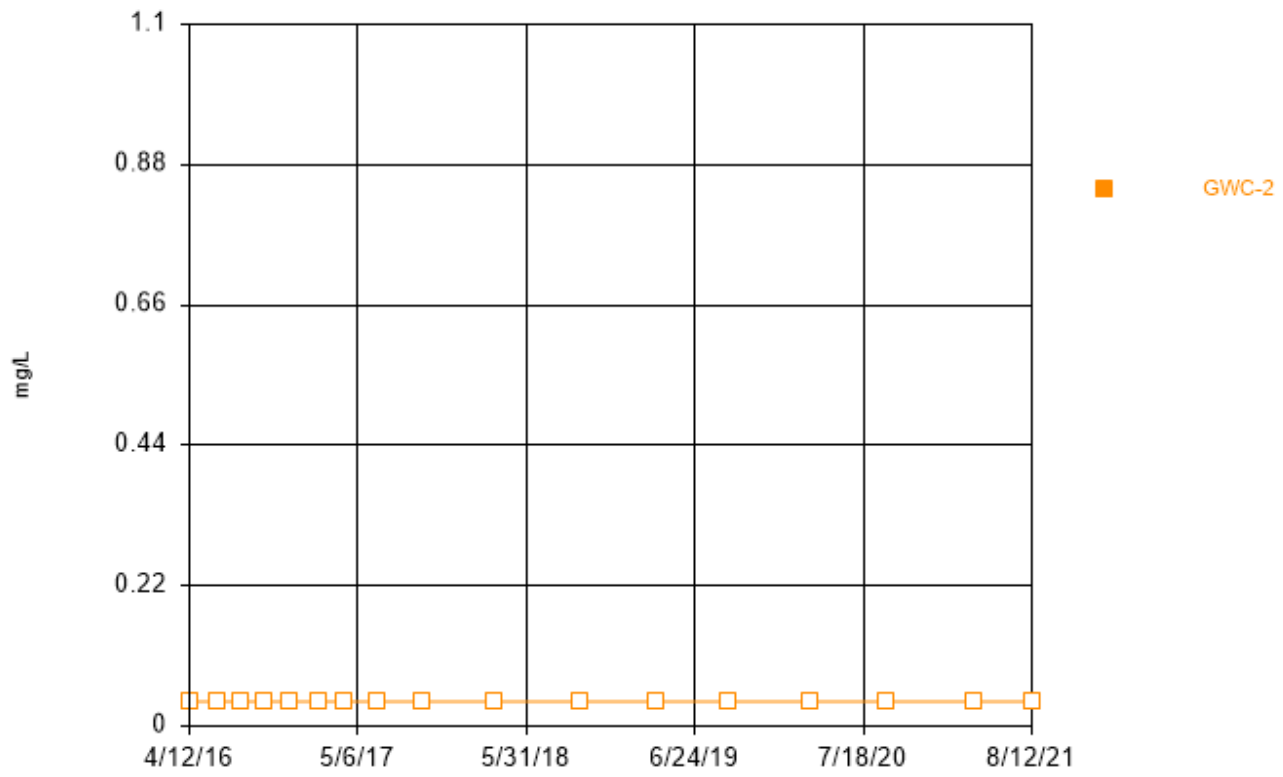
PHASE
 200-06

REV.
 A

FIGURE
3

Sanitas™ v.9.6.32 For the statistical analyses of ground water by Golder Associates only. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Boron Analysis Run 1/22/2022 1:04 PM
Scherer Client: Golder Associates Data: Scherer Cell 1 LF

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER

PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL

CONSULTANT

TITLE
BORON IN GROUNDWATER AT GWC-2



PROJECT NO.
gl166235021

PHASE
200-06

REV.
A

FIGURE
4

APPENDIX

ANALYTICAL DATA REPORTS

ANALYTICAL REPORT

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-133869-1
Client Project/Site: Plant Scherer Cell 1

For:
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
3/3/2022 9:48:48 PM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

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results through
Total Access

Have a Question?



Visit us at:
www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416

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Case Narrative

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Job ID: 180-133869-1

Laboratory: Eurofins Pittsburgh

Narrative

**Job Narrative
180-133869-1**

Comments

No additional comments.

Receipt

The samples were received on 2/17/2022 9:30 AM and 2/21/2022 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 3.2° C, 3.6° C, 4.1° C and 8.7° C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): GWC-3 (180-133869-3). The container labels list a sample id of GWC-15, while the COC lists GWC-3. The collections times matched therefore the ID on the COC was used.

The following samples were received at the laboratory outside the required temperature criteria in one cooler (8.7°C): GWC-13 (180-133984-3), GWC-14 (180-133984-4), GWC-19 (180-133984-6) and GWC-20 (180-133984-7). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to proceed with/cancel analysis.

GC Semi VOA

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 180-388878 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Field Service / Mobile Lab

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22
California	State	2891	04-30-22
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	06-30-22
Georgia	State	PA 02-00416	04-30-22
Illinois	NELAP	004375	06-30-22
Kansas	NELAP	E-10350	03-31-22
Kentucky (UST)	State	162013	04-30-22
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	12-31-22
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-05-22
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-02-22
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	04-30-22
Oregon	NELAP	PA-2151	02-06-22 *
Pennsylvania	NELAP	02-00416	04-30-22
Rhode Island	State	LAO00362	12-31-21 *
South Carolina	State	89014	06-30-22
Texas	NELAP	T104704528	03-31-22
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	05-31-22
Virginia	NELAP	10043	09-15-22
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-133869-1	GWC-1	Water	02/15/22 13:01	02/17/22 09:30
180-133869-2	GWC-2	Water	02/15/22 11:05	02/17/22 09:30
180-133869-3	GWC-3	Water	02/15/22 15:55	02/17/22 09:30
180-133869-4	GWC-4	Water	02/15/22 10:10	02/17/22 09:30
180-133869-5	GWC-5	Water	02/15/22 14:05	02/17/22 09:30
180-133869-6	GWC-6	Water	02/15/22 13:25	02/17/22 09:30
180-133869-7	GWC-7	Water	02/15/22 12:30	02/17/22 09:30
180-133869-8	GWC-8A	Water	02/15/22 09:30	02/17/22 09:30
180-133869-9	GWC-9	Water	02/15/22 10:50	02/17/22 09:30
180-133869-10	GWC-10	Water	02/15/22 15:05	02/17/22 09:30
180-133869-11	GWA-15	Water	02/15/22 12:35	02/17/22 09:30
180-133869-12	GWA-16	Water	02/15/22 13:38	02/17/22 09:30
180-133869-13	GWA-17	Water	02/15/22 14:35	02/17/22 09:30
180-133869-14	FB-6	Water	02/15/22 12:45	02/17/22 09:30
180-133869-15	FB-7	Water	02/15/22 14:55	02/17/22 09:30
180-133869-16	EB-6	Water	02/15/22 10:00	02/17/22 09:30
180-133869-17	EB-7	Water	02/15/22 15:15	02/17/22 09:30
180-133869-18	DUP-6	Water	02/15/22 00:00	02/17/22 09:30
180-133984-1	GWC-11	Water	02/16/22 11:55	02/21/22 09:30
180-133984-2	GWC-12	Water	02/16/22 12:56	02/21/22 09:30
180-133984-3	GWC-13	Water	02/16/22 09:25	02/21/22 09:30
180-133984-4	GWC-14	Water	02/16/22 11:19	02/21/22 09:30
180-133984-5	GWC-18	Water	02/16/22 11:35	02/21/22 09:30
180-133984-6	GWC-19	Water	02/16/22 10:36	02/21/22 09:30
180-133984-7	GWC-20	Water	02/16/22 09:48	02/21/22 09:30
180-133984-8	DUP-7	Water	02/16/22 00:00	02/21/22 09:30



Method Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PIT
SM2320 B	Alkalinity, Total	SM18	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-1
Date Collected: 02/15/22 13:01
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 12:30	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388850	02/19/22 10:29	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 12:49	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:08	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388814	02/18/22 15:20	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 22:18	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 13:01	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-2
Date Collected: 02/15/22 11:05
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 12:43	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388850	02/19/22 10:29	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 12:52	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:11	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388814	02/18/22 15:20	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 22:26	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 11:05	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-3
Date Collected: 02/15/22 15:55
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 12:57	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388850	02/19/22 10:29	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 12:54	RSK	TAL PIT
Instrument ID: NEMO										

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-3
Date Collected: 02/15/22 15:55
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:12	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 22:47	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 15:55	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-4
Date Collected: 02/15/22 10:10
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 13:11	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388850	02/19/22 10:29	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 12:57	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:13	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:01	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 10:10	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-5
Date Collected: 02/15/22 14:05
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 13:24	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:50	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:14	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-5
Date Collected: 02/15/22 14:05
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:08	CMT	TAL PIT
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 14:05	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-6
Date Collected: 02/15/22 13:25
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 14:05	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:02	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:15	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:22	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 13:25	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-7
Date Collected: 02/15/22 12:30
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 14:46	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:04	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:20	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:29	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 12:30	FDS	TAL PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-8A
Date Collected: 02/15/22 09:30
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 15:00	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:07	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:21	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:36	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 09:30	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-9
Date Collected: 02/15/22 10:50
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 15:13	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:14	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:22	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:44	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 10:50	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-10
Date Collected: 02/15/22 15:05
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 15:27	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:17	RSK	TAL PIT
Instrument ID: NEMO										

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Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-10
Date Collected: 02/15/22 15:05
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:23	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:51	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 15:05	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-15
Date Collected: 02/15/22 12:35
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 15:41	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:20	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:24	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 00:29	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 12:35	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-16
Date Collected: 02/15/22 13:38
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 15:54	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:22	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:25	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										

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Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWA-16
Date Collected: 02/15/22 13:38
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 00:44	CMT	TAL PIT
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 13:38	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-17
Date Collected: 02/15/22 14:35
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 16:08	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:25	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:26	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 00:51	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 14:35	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FB-6
Date Collected: 02/15/22 12:45
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 16:22	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:28	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:27	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 00:57	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: FB-7

Date Collected: 02/15/22 14:55

Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 17:30	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:30	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:28	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 01:01	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: EB-6

Date Collected: 02/15/22 10:00

Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 18:11	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	389665	02/26/22 08:56	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			390021	03/01/22 22:57	RSK	TAL PIT
Instrument ID: A										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:33	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:29	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 01:06	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: EB-7

Date Collected: 02/15/22 15:15

Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 18:24	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:35	RSK	TAL PIT
Instrument ID: NEMO										

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Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: EB-7

Lab Sample ID: 180-133869-17

Date Collected: 02/15/22 15:15

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:33	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389176	02/22/22 17:21	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 01:22	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: DUP-6

Lab Sample ID: 180-133869-18

Date Collected: 02/15/22 00:00

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 18:38	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:43	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:34	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 01:33	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: GWC-11

Lab Sample ID: 180-133984-1

Date Collected: 02/16/22 11:55

Matrix: Water

Date Received: 02/21/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 02:09	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:34	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:49	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389884	02/26/22 19:31	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 11:55	FDS	TAL PIT
Instrument ID: NOEQUIP										

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Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-12
Date Collected: 02/16/22 12:56
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	02/28/22 23:40	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:38	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:50	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389552	02/25/22 00:49	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 12:56	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-13
Date Collected: 02/16/22 09:25
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 00:05	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:42	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:51	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389552	02/25/22 02:36	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 09:25	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-14
Date Collected: 02/16/22 11:19
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 00:30	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:45	RSK	TAL PIT
Instrument ID: A										

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-14
Date Collected: 02/16/22 11:19
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:52	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389552	02/24/22 19:54	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 11:19	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-18
Date Collected: 02/16/22 11:35
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 00:54	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:49	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:53	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389552	02/24/22 20:01	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 11:35	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-19
Date Collected: 02/16/22 10:36
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 03:24	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:53	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:54	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-19
Date Collected: 02/16/22 10:36
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM2320 B		1			389552	02/24/22 20:42	CMT	TAL PIT
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 10:36	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-20
Date Collected: 02/16/22 09:48
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 03:39	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:56	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 14:16	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:55	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389184	02/22/22 17:45	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389884	02/26/22 19:38	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 09:48	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: DUP-7
Date Collected: 02/16/22 00:00
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389765	03/01/22 03:53	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 10:07	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 14:16	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:56	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389184	02/22/22 17:45	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389884	02/26/22 19:45	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Analyst References:

Lab: TAL PIT

Batch Type: Prep

KFS = Kelly Shannon

RJR = Ron Rosenbaum

Batch Type: Analysis

CMT = Cassandra Tlumac

FDS = Sampler Field

JCR = Jessica Rodgers

JRB = James Burzio

RJR = Ron Rosenbaum

RSK = Robert Kurtz



Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-1

Lab Sample ID: 180-133869-1

Date Collected: 02/15/22 13:01

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.71	mg/L			02/20/22 12:30	1
Fluoride	0.12		0.10	0.026	mg/L			02/20/22 12:30	1
Sulfate	1.5		1.0	0.76	mg/L			02/20/22 12:30	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:29	02/22/22 12:49	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:29	02/22/22 12:49	1
Barium	0.052		0.010	0.0031	mg/L		02/19/22 10:29	02/22/22 12:49	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:29	02/22/22 12:49	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:29	02/22/22 12:49	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:29	02/22/22 12:49	1
Calcium	16		0.50	0.13	mg/L		02/19/22 10:29	02/22/22 12:49	1
Chromium	0.011		0.0020	0.0015	mg/L		02/19/22 10:29	02/22/22 12:49	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:29	02/22/22 12:49	1
Copper	0.0013	J	0.0020	0.0011	mg/L		02/19/22 10:29	02/22/22 12:49	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:29	02/22/22 12:49	1
Nickel	0.00052	J	0.0010	0.00052	mg/L		02/19/22 10:29	02/22/22 12:49	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:29	02/22/22 12:49	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:29	02/22/22 12:49	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:29	02/22/22 12:49	1
Vanadium	0.018		0.0010	0.00078	mg/L		02/19/22 10:29	02/22/22 12:49	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:29	02/22/22 12:49	1
Sodium	12		0.50	0.18	mg/L		02/19/22 10:29	02/22/22 12:49	1
Potassium	0.95		0.50	0.16	mg/L		02/19/22 10:29	02/22/22 12:49	1
Magnesium	7.7		0.50	0.050	mg/L		02/19/22 10:29	02/22/22 12:49	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		10	10	mg/L			02/18/22 15:20	1
Total Alkalinity as CaCO3 to pH 4.5	98		5.0	5.0	mg/L			02/22/22 22:18	1
Bicarbonate Alkalinity as CaCO3	98		5.0	5.0	mg/L			02/22/22 22:18	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 22:18	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.83				SU			02/15/22 13:01	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-2

Lab Sample ID: 180-133869-2

Date Collected: 02/15/22 11:05

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.2		1.0	0.71	mg/L			02/20/22 12:43	1
Fluoride	0.072	J	0.10	0.026	mg/L			02/20/22 12:43	1
Sulfate	0.79	J	1.0	0.76	mg/L			02/20/22 12:43	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:29	02/22/22 12:52	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:29	02/22/22 12:52	1
Barium	0.048		0.010	0.0031	mg/L		02/19/22 10:29	02/22/22 12:52	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:29	02/22/22 12:52	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:29	02/22/22 12:52	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:29	02/22/22 12:52	1
Calcium	16		0.50	0.13	mg/L		02/19/22 10:29	02/22/22 12:52	1
Chromium	0.011		0.0020	0.0015	mg/L		02/19/22 10:29	02/22/22 12:52	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:29	02/22/22 12:52	1
Copper	0.0013	J	0.0020	0.0011	mg/L		02/19/22 10:29	02/22/22 12:52	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:29	02/22/22 12:52	1
Nickel	0.0018		0.0010	0.00052	mg/L		02/19/22 10:29	02/22/22 12:52	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:29	02/22/22 12:52	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:29	02/22/22 12:52	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:29	02/22/22 12:52	1
Vanadium	0.016		0.0010	0.00078	mg/L		02/19/22 10:29	02/22/22 12:52	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:29	02/22/22 12:52	1
Sodium	8.4		0.50	0.18	mg/L		02/19/22 10:29	02/22/22 12:52	1
Potassium	1.2		0.50	0.16	mg/L		02/19/22 10:29	02/22/22 12:52	1
Magnesium	7.3		0.50	0.050	mg/L		02/19/22 10:29	02/22/22 12:52	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		10	10	mg/L			02/18/22 15:20	1
Total Alkalinity as CaCO3 to pH 4.5	93		5.0	5.0	mg/L			02/22/22 22:26	1
Bicarbonate Alkalinity as CaCO3	93		5.0	5.0	mg/L			02/22/22 22:26	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 22:26	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.61				SU			02/15/22 11:05	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-3

Lab Sample ID: 180-133869-3

Date Collected: 02/15/22 15:55

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.71	mg/L			02/20/22 12:57	1
Fluoride	0.092	J	0.10	0.026	mg/L			02/20/22 12:57	1
Sulfate	0.91	J	1.0	0.76	mg/L			02/20/22 12:57	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:29	02/22/22 12:54	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:29	02/22/22 12:54	1
Barium	0.013		0.010	0.0031	mg/L		02/19/22 10:29	02/22/22 12:54	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:29	02/22/22 12:54	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:29	02/22/22 12:54	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:29	02/22/22 12:54	1
Calcium	6.0		0.50	0.13	mg/L		02/19/22 10:29	02/22/22 12:54	1
Chromium	0.0076		0.0020	0.0015	mg/L		02/19/22 10:29	02/22/22 12:54	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:29	02/22/22 12:54	1
Copper	0.0013	J	0.0020	0.0011	mg/L		02/19/22 10:29	02/22/22 12:54	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:29	02/22/22 12:54	1
Nickel	0.0013		0.0010	0.00052	mg/L		02/19/22 10:29	02/22/22 12:54	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:29	02/22/22 12:54	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:29	02/22/22 12:54	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:29	02/22/22 12:54	1
Vanadium	0.0064		0.0010	0.00078	mg/L		02/19/22 10:29	02/22/22 12:54	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:29	02/22/22 12:54	1
Sodium	5.0		0.50	0.18	mg/L		02/19/22 10:29	02/22/22 12:54	1
Potassium	0.73		0.50	0.16	mg/L		02/19/22 10:29	02/22/22 12:54	1
Magnesium	3.3		0.50	0.050	mg/L		02/19/22 10:29	02/22/22 12:54	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	53		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	38		5.0	5.0	mg/L			02/22/22 22:47	1
Bicarbonate Alkalinity as CaCO3	38		5.0	5.0	mg/L			02/22/22 22:47	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 22:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.87				SU			02/15/22 15:55	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-4

Lab Sample ID: 180-133869-4

Date Collected: 02/15/22 10:10

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.71	mg/L			02/20/22 13:11	1
Fluoride	0.13		0.10	0.026	mg/L			02/20/22 13:11	1
Sulfate	20		1.0	0.76	mg/L			02/20/22 13:11	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:29	02/22/22 12:57	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:29	02/22/22 12:57	1
Barium	0.055		0.010	0.0031	mg/L		02/19/22 10:29	02/22/22 12:57	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:29	02/22/22 12:57	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:29	02/22/22 12:57	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:29	02/22/22 12:57	1
Calcium	15		0.50	0.13	mg/L		02/19/22 10:29	02/22/22 12:57	1
Chromium	0.0041		0.0020	0.0015	mg/L		02/19/22 10:29	02/22/22 12:57	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:29	02/22/22 12:57	1
Copper	0.0011	J	0.0020	0.0011	mg/L		02/19/22 10:29	02/22/22 12:57	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:29	02/22/22 12:57	1
Nickel	0.00076	J	0.0010	0.00052	mg/L		02/19/22 10:29	02/22/22 12:57	1
Selenium	0.0013	J	0.0050	0.00074	mg/L		02/19/22 10:29	02/22/22 12:57	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:29	02/22/22 12:57	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:29	02/22/22 12:57	1
Vanadium	0.0059		0.0010	0.00078	mg/L		02/19/22 10:29	02/22/22 12:57	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:29	02/22/22 12:57	1
Sodium	11		0.50	0.18	mg/L		02/19/22 10:29	02/22/22 12:57	1
Potassium	1.4		0.50	0.16	mg/L		02/19/22 10:29	02/22/22 12:57	1
Magnesium	8.9		0.50	0.050	mg/L		02/19/22 10:29	02/22/22 12:57	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	70		5.0	5.0	mg/L			02/22/22 23:01	1
Bicarbonate Alkalinity as CaCO3	70		5.0	5.0	mg/L			02/22/22 23:01	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.37				SU			02/15/22 10:10	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-5

Lab Sample ID: 180-133869-5

Date Collected: 02/15/22 14:05

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16		1.0	0.71	mg/L			02/20/22 13:24	1
Fluoride	0.16		0.10	0.026	mg/L			02/20/22 13:24	1
Sulfate	100	F1	1.0	0.76	mg/L			02/20/22 13:24	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 14:50	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 14:50	1
Barium	0.038		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 14:50	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 14:50	1
Boron	0.19		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 14:50	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 14:50	1
Calcium	36		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 14:50	1
Chromium	0.0061		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 14:50	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 14:50	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 14:50	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 14:50	1
Nickel	0.0010		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 14:50	1
Selenium	0.0058		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 14:50	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 14:50	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 14:50	1
Vanadium	0.0026		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 14:50	1
Zinc	0.0034	J	0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 14:50	1
Sodium	13		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 14:50	1
Potassium	1.2		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 14:50	1
Magnesium	20		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 14:50	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	290		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	72		5.0	5.0	mg/L			02/22/22 23:08	1
Bicarbonate Alkalinity as CaCO3	72		5.0	5.0	mg/L			02/22/22 23:08	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.16				SU			02/15/22 14:05	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-6

Lab Sample ID: 180-133869-6

Date Collected: 02/15/22 13:25

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.1		1.0	0.71	mg/L			02/20/22 14:05	1
Fluoride	0.095	J	0.10	0.026	mg/L			02/20/22 14:05	1
Sulfate	13		1.0	0.76	mg/L			02/20/22 14:05	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:02	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:02	1
Barium	0.057		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:02	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:02	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:02	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:02	1
Calcium	15		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:02	1
Chromium	0.0046		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:02	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:02	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:02	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:02	1
Nickel	0.00089	J	0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:02	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:02	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:02	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:02	1
Vanadium	0.0094		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:02	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:02	1
Sodium	9.0		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:02	1
Potassium	1.7		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:02	1
Magnesium	7.5		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:02	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	77		5.0	5.0	mg/L			02/22/22 23:22	1
Bicarbonate Alkalinity as CaCO3	77		5.0	5.0	mg/L			02/22/22 23:22	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:22	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.10				SU			02/15/22 13:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-7

Lab Sample ID: 180-133869-7

Date Collected: 02/15/22 12:30

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.71	mg/L			02/20/22 14:46	1
Fluoride	0.083	J	0.10	0.026	mg/L			02/20/22 14:46	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 14:46	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:04	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:04	1
Barium	0.035		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:04	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:04	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:04	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:04	1
Calcium	13		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:04	1
Chromium	0.0088		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:04	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:04	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:04	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:04	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:04	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:04	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:04	1
Vanadium	0.013		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:04	1
Zinc	0.0037	J	0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:04	1
Sodium	7.6		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:04	1
Potassium	1.0		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:04	1
Magnesium	6.1		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:04	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	80		5.0	5.0	mg/L			02/22/22 23:29	1
Bicarbonate Alkalinity as CaCO3	80		5.0	5.0	mg/L			02/22/22 23:29	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:29	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.22				SU			02/15/22 12:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-8A

Lab Sample ID: 180-133869-8

Date Collected: 02/15/22 09:30

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.1		1.0	0.71	mg/L			02/20/22 15:00	1
Fluoride	0.096	J	0.10	0.026	mg/L			02/20/22 15:00	1
Sulfate	11		1.0	0.76	mg/L			02/20/22 15:00	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:07	1
Arsenic	0.00047	J	0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:07	1
Barium	0.048		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:07	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:07	1
Boron	0.13		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:07	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:07	1
Calcium	49		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:07	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:07	1
Cobalt	0.0037		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:07	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:07	1
Nickel	0.0055		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:07	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:07	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:07	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:07	1
Vanadium	0.00079	J	0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:07	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:07	1
Sodium	14		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:07	1
Potassium	2.3		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:07	1
Magnesium	24		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:07	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	330		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	260		5.0	5.0	mg/L			02/22/22 23:36	1
Bicarbonate Alkalinity as CaCO3	260		5.0	5.0	mg/L			02/22/22 23:36	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.34				SU			02/15/22 09:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-9

Lab Sample ID: 180-133869-9

Date Collected: 02/15/22 10:50

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.7		1.0	0.71	mg/L			02/20/22 15:13	1
Fluoride	0.096	J	0.10	0.026	mg/L			02/20/22 15:13	1
Sulfate	7.2		1.0	0.76	mg/L			02/20/22 15:13	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:14	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:14	1
Barium	0.023		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:14	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:14	1
Boron	0.070	J	0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:14	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:14	1
Calcium	16		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:14	1
Chromium	0.0079		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:14	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:14	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:14	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:14	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:14	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:14	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:14	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:14	1
Vanadium	0.017		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:14	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:14	1
Sodium	7.9		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:14	1
Potassium	1.1		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:14	1
Magnesium	8.0		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:14	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	88		5.0	5.0	mg/L			02/22/22 23:44	1
Bicarbonate Alkalinity as CaCO3	88		5.0	5.0	mg/L			02/22/22 23:44	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:44	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.61				SU			02/15/22 10:50	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-10

Lab Sample ID: 180-133869-10

Date Collected: 02/15/22 15:05

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.6		1.0	0.71	mg/L			02/20/22 15:27	1
Fluoride	0.099	J	0.10	0.026	mg/L			02/20/22 15:27	1
Sulfate	3.5		1.0	0.76	mg/L			02/20/22 15:27	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:17	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:17	1
Barium	0.036		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:17	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:17	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:17	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:17	1
Calcium	17		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:17	1
Chromium	0.021		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:17	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:17	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:17	1
Nickel	0.0022		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:17	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:17	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:17	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:17	1
Vanadium	0.012		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:17	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:17	1
Sodium	7.9		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:17	1
Potassium	0.96		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:17	1
Magnesium	8.9		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:17	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	150		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	98		5.0	5.0	mg/L			02/22/22 23:51	1
Bicarbonate Alkalinity as CaCO3	98		5.0	5.0	mg/L			02/22/22 23:51	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.48				SU			02/15/22 15:05	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWA-15

Lab Sample ID: 180-133869-11

Date Collected: 02/15/22 12:35

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.5		1.0	0.71	mg/L			02/20/22 15:41	1
Fluoride	0.054	J	0.10	0.026	mg/L			02/20/22 15:41	1
Sulfate	2.6		1.0	0.76	mg/L			02/20/22 15:41	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:20	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:20	1
Barium	0.012		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:20	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:20	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:20	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:20	1
Calcium	3.6		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:20	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:20	1
Cobalt	0.0029		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:20	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:20	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:20	1
Nickel	0.00065	J	0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:20	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:20	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:20	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:20	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:20	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:20	1
Sodium	5.0		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:20	1
Potassium	0.24	J	0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:20	1
Magnesium	2.0		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:20	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	42		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	21		5.0	5.0	mg/L			02/23/22 00:29	1
Bicarbonate Alkalinity as CaCO3	21		5.0	5.0	mg/L			02/23/22 00:29	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:29	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.40				SU			02/15/22 12:35	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWA-16

Lab Sample ID: 180-133869-12

Date Collected: 02/15/22 13:38

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.71	mg/L			02/20/22 15:54	1
Fluoride	0.079	J	0.10	0.026	mg/L			02/20/22 15:54	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 15:54	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:22	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:22	1
Barium	0.024		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:22	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:22	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:22	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:22	1
Calcium	10		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:22	1
Chromium	0.0056		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:22	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:22	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:22	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:22	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:22	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:22	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:22	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:22	1
Vanadium	0.0077		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:22	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:22	1
Sodium	7.5		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:22	1
Potassium	0.87		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:22	1
Magnesium	3.3		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:22	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	99		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	61		5.0	5.0	mg/L			02/23/22 00:44	1
Bicarbonate Alkalinity as CaCO3	61		5.0	5.0	mg/L			02/23/22 00:44	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:44	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.46				SU			02/15/22 13:38	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWA-17

Lab Sample ID: 180-133869-13

Date Collected: 02/15/22 14:35

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.71	mg/L			02/20/22 16:08	1
Fluoride	0.083	J	0.10	0.026	mg/L			02/20/22 16:08	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 16:08	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:25	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:25	1
Barium	0.031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:25	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:25	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:25	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:25	1
Calcium	7.1		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:25	1
Chromium	0.0084		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:25	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:25	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:25	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:25	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:25	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:25	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:25	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:25	1
Vanadium	0.0052		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:25	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:25	1
Sodium	8.5		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:25	1
Potassium	1.0		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:25	1
Magnesium	2.8		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:25	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	79		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	51		5.0	5.0	mg/L			02/23/22 00:51	1
Bicarbonate Alkalinity as CaCO3	51		5.0	5.0	mg/L			02/23/22 00:51	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.20				SU			02/15/22 14:35	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: FB-6

Lab Sample ID: 180-133869-14

Date Collected: 02/15/22 12:45

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 16:22	1
Fluoride	0.043	J	0.10	0.026	mg/L			02/20/22 16:22	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 16:22	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:28	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:28	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:28	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:28	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:28	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:28	1
Calcium	<0.13		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:28	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:28	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:28	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:28	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:28	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:28	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:28	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:28	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:28	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:28	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:28	1
Sodium	<0.18		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:28	1
Potassium	<0.16		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:28	1
Magnesium	<0.050		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:28	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 00:57	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:57	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:57	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: FB-7

Lab Sample ID: 180-133869-15

Date Collected: 02/15/22 14:55

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 17:30	1
Fluoride	<0.026		0.10	0.026	mg/L			02/20/22 17:30	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 17:30	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:30	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:30	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:30	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:30	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:30	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:30	1
Calcium	<0.13		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:30	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:30	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:30	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:30	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:30	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:30	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:30	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:30	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:30	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:30	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:30	1
Sodium	<0.18		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:30	1
Potassium	<0.16		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:30	1
Magnesium	<0.050		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:30	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 01:01	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:01	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:01	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: EB-6

Lab Sample ID: 180-133869-16

Date Collected: 02/15/22 10:00

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 18:11	1
Fluoride	<0.026		0.10	0.026	mg/L			02/20/22 18:11	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 18:11	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:33	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:33	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:33	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:33	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:33	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:33	1
Calcium	<0.13		0.50	0.13	mg/L		02/26/22 08:56	03/01/22 22:57	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:33	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:33	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:33	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:33	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:33	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:33	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:33	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:33	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:33	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/26/22 08:56	03/01/22 22:57	1
Sodium	<0.18		0.50	0.18	mg/L		02/26/22 08:56	03/01/22 22:57	1
Potassium	<0.16		0.50	0.16	mg/L		02/26/22 08:56	03/01/22 22:57	1
Magnesium	<0.050		0.50	0.050	mg/L		02/26/22 08:56	03/01/22 22:57	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 01:06	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:06	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:06	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: EB-7

Lab Sample ID: 180-133869-17

Date Collected: 02/15/22 15:15

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 18:24	1
Fluoride	0.030	J	0.10	0.026	mg/L			02/20/22 18:24	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 18:24	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:35	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:35	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:35	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:35	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:35	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:35	1
Calcium	0.14	J	0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:35	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:35	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:35	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:35	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:35	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:35	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:35	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:35	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:35	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:35	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:35	1
Sodium	<0.18		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:35	1
Potassium	<0.16		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:35	1
Magnesium	<0.050		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:35	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/22/22 17:21	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 01:22	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:22	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:22	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: DUP-6

Lab Sample ID: 180-133869-18

Date Collected: 02/15/22 00:00

Matrix: Water

Date Received: 02/17/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.8		1.0	0.71	mg/L			02/20/22 18:38	1
Fluoride	0.10		0.10	0.026	mg/L			02/20/22 18:38	1
Sulfate	11		1.0	0.76	mg/L			02/20/22 18:38	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:43	1
Arsenic	0.00049	J	0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:43	1
Barium	0.051		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:43	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:43	1
Boron	0.12		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:43	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:43	1
Calcium	51		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:43	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:43	1
Cobalt	0.0038		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:43	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:43	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:43	1
Nickel	0.0056		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:43	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:43	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:43	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:43	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:43	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:43	1
Sodium	14		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:43	1
Potassium	2.4		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:43	1
Magnesium	25		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:43	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	350		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	260		5.0	5.0	mg/L			02/23/22 01:33	1
Bicarbonate Alkalinity as CaCO3	260		5.0	5.0	mg/L			02/23/22 01:33	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:33	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-11

Lab Sample ID: 180-133984-1

Date Collected: 02/16/22 11:55

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.71	mg/L			03/01/22 02:09	1
Fluoride	<0.026		0.10	0.026	mg/L			03/01/22 02:09	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 02:09	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:34	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:34	1
Barium	0.018		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:34	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:34	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:34	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:34	1
Calcium	12		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:34	1
Chromium	0.0074		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:34	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:34	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:34	1
Nickel	0.00070	J	0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:34	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:34	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:34	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:34	1
Vanadium	0.0099		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:34	1
Zinc	0.0034	J	0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:34	1
Sodium	4.7		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:34	1
Potassium	0.81		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:34	1
Magnesium	6.5		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:34	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	79		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	72		5.0	5.0	mg/L			02/26/22 19:31	1
Bicarbonate Alkalinity as CaCO3	72		5.0	5.0	mg/L			02/26/22 19:31	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 19:31	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.16				SU			02/16/22 11:55	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-12

Lab Sample ID: 180-133984-2

Date Collected: 02/16/22 12:56

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.71	mg/L			02/28/22 23:40	1
Fluoride	<0.026		0.10	0.026	mg/L			02/28/22 23:40	1
Sulfate	<0.76		1.0	0.76	mg/L			02/28/22 23:40	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:38	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:38	1
Barium	0.018		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:38	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:38	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:38	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:38	1
Calcium	1.1		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:38	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:38	1
Cobalt	0.00033	J	0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:38	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:38	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:38	1
Nickel	0.00076	J	0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:38	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:38	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:38	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:38	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:38	1
Zinc	0.0032	J	0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:38	1
Sodium	2.5		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:38	1
Potassium	0.37	J	0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:38	1
Magnesium	0.90		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:38	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	16		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	9.8		5.0	5.0	mg/L			02/25/22 00:49	1
Bicarbonate Alkalinity as CaCO3	9.8		5.0	5.0	mg/L			02/25/22 00:49	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/22 00:49	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.11				SU			02/16/22 12:56	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-13

Lab Sample ID: 180-133984-3

Date Collected: 02/16/22 09:25

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.71	mg/L			03/01/22 00:05	1
Fluoride	<0.0026		0.10	0.026	mg/L			03/01/22 00:05	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 00:05	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:42	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:42	1
Barium	0.035		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:42	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:42	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:42	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:42	1
Calcium	6.7		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:42	1
Chromium	0.0050		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:42	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:42	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:42	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:42	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:42	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:42	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:42	1
Vanadium	0.0011		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:42	1
Zinc	0.0040 J		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:42	1
Sodium	5.7		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:42	1
Potassium	0.53		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:42	1
Magnesium	4.3		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:42	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	55		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	47		5.0	5.0	mg/L			02/25/22 02:36	1
Bicarbonate Alkalinity as CaCO3	47		5.0	5.0	mg/L			02/25/22 02:36	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/22 02:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.79				SU			02/16/22 09:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-14

Lab Sample ID: 180-133984-4

Date Collected: 02/16/22 11:19

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.2		1.0	0.71	mg/L			03/01/22 00:30	1
Fluoride	<0.026		0.10	0.026	mg/L			03/01/22 00:30	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 00:30	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:45	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:45	1
Barium	0.011		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:45	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:45	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:45	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:45	1
Calcium	6.3		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:45	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:45	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:45	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:45	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:45	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:45	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:45	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:45	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:45	1
Vanadium	0.00091	J	0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:45	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:45	1
Sodium	3.3		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:45	1
Potassium	0.47	J	0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:45	1
Magnesium	3.3		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:45	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	46		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	34		5.0	5.0	mg/L			02/24/22 19:54	1
Bicarbonate Alkalinity as CaCO3	34		5.0	5.0	mg/L			02/24/22 19:54	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 19:54	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.60				SU			02/16/22 11:19	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-18

Lab Sample ID: 180-133984-5

Date Collected: 02/16/22 11:35

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.71	mg/L			03/01/22 00:54	1
Fluoride	0.034	J	0.10	0.026	mg/L			03/01/22 00:54	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 00:54	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:49	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:49	1
Barium	0.034		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:49	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:49	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:49	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:49	1
Calcium	9.7		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:49	1
Chromium	0.012		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:49	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:49	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:49	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:49	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:49	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:49	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:49	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:49	1
Vanadium	0.0066		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:49	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:49	1
Sodium	7.1		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:49	1
Potassium	0.72		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:49	1
Magnesium	4.8		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:49	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	70		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	62		5.0	5.0	mg/L			02/24/22 20:01	1
Bicarbonate Alkalinity as CaCO3	62		5.0	5.0	mg/L			02/24/22 20:01	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 20:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.54				SU			02/16/22 11:35	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-19

Lab Sample ID: 180-133984-6

Date Collected: 02/16/22 10:36

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.4		1.0	0.71	mg/L			03/01/22 03:24	1
Fluoride	0.028	J	0.10	0.026	mg/L			03/01/22 03:24	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 03:24	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:53	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:53	1
Barium	0.027		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:53	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:53	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:53	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:53	1
Calcium	15		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:53	1
Chromium	0.011		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:53	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:53	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:53	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:53	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:53	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:53	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:53	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:53	1
Vanadium	0.0068		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:53	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:53	1
Sodium	8.4		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:53	1
Potassium	1.2		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:53	1
Magnesium	7.6		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:53	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	93		5.0	5.0	mg/L			02/24/22 20:42	1
Bicarbonate Alkalinity as CaCO3	93		5.0	5.0	mg/L			02/24/22 20:42	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 20:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.47				SU			02/16/22 10:36	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-20

Lab Sample ID: 180-133984-7

Date Collected: 02/16/22 09:48

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.71	mg/L			03/01/22 03:39	1
Fluoride	<0.026		0.10	0.026	mg/L			03/01/22 03:39	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 03:39	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:56	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:56	1
Barium	0.030		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:56	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:56	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:56	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:56	1
Calcium	13		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:56	1
Chromium	0.0081		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:56	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:56	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:56	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:56	1
Nickel	0.00055	J	0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:56	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:56	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:56	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:56	1
Vanadium	0.018		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:56	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:56	1
Sodium	6.5		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:56	1
Potassium	1.0		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:56	1
Magnesium	6.1		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:56	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	J	0.00020	0.00013	mg/L		03/01/22 14:16	03/01/22 19:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		10	10	mg/L			02/22/22 17:45	1
Total Alkalinity as CaCO3 to pH 4.5	72		5.0	5.0	mg/L			02/26/22 19:38	1
Bicarbonate Alkalinity as CaCO3	72		5.0	5.0	mg/L			02/26/22 19:38	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 19:38	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.71				SU			02/16/22 09:48	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: DUP-7

Lab Sample ID: 180-133984-8

Date Collected: 02/16/22 00:00

Matrix: Water

Date Received: 02/21/22 09:30

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.4		1.0	0.71	mg/L			03/01/22 03:53	1
Fluoride	<0.026		0.10	0.026	mg/L			03/01/22 03:53	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 03:53	1

Method: EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00054	J	0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 10:07	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 10:07	1
Barium	0.029		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 10:07	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 10:07	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 10:07	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 10:07	1
Calcium	16		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 10:07	1
Chromium	0.011		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 10:07	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 10:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 10:07	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 10:07	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 10:07	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 10:07	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 10:07	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 10:07	1
Vanadium	0.0070		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 10:07	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 10:07	1
Sodium	8.6		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 10:07	1
Potassium	1.2		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 10:07	1
Magnesium	7.8		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 10:07	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00044		0.00020	0.00013	mg/L		03/01/22 14:16	03/01/22 19:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		10	10	mg/L			02/22/22 17:45	1
Total Alkalinity as CaCO3 to pH 4.5	95		5.0	5.0	mg/L			02/26/22 19:45	1
Bicarbonate Alkalinity as CaCO3	95		5.0	5.0	mg/L			02/26/22 19:45	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 19:45	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 180-388878/41
Matrix: Water
Analysis Batch: 388878

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 17:16	1
Fluoride	<0.026		0.10	0.026	mg/L			02/20/22 17:16	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 17:16	1

Lab Sample ID: MB 180-388878/7
Matrix: Water
Analysis Batch: 388878

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 06:58	1
Fluoride	<0.026		0.10	0.026	mg/L			02/20/22 06:58	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 06:58	1

Lab Sample ID: LCS 180-388878/40
Matrix: Water
Analysis Batch: 388878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	51.2		mg/L		102	90 - 110
Fluoride	2.50	2.69		mg/L		108	90 - 110
Sulfate	50.0	51.1		mg/L		102	90 - 110

Lab Sample ID: LCS 180-388878/6
Matrix: Water
Analysis Batch: 388878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	49.7		mg/L		99	90 - 110
Fluoride	2.50	2.63		mg/L		105	90 - 110
Sulfate	50.0	49.8		mg/L		100	90 - 110

Lab Sample ID: 180-133869-5 MS
Matrix: Water
Analysis Batch: 388878

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	16		50.0	61.8		mg/L		93	90 - 110
Fluoride	0.16		2.50	2.43		mg/L		91	90 - 110
Sulfate	100	F1	50.0	146	F1	mg/L		88	90 - 110

Lab Sample ID: 180-133869-5 MSD
Matrix: Water
Analysis Batch: 388878

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	16		50.0	60.9		mg/L		91	90 - 110	1	20
Fluoride	0.16		2.50	2.42		mg/L		90	90 - 110	1	20
Sulfate	100	F1	50.0	145	F1	mg/L		85	90 - 110	1	20

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 180-133869-15 MS

Matrix: Water

Analysis Batch: 388878

Client Sample ID: FB-7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<0.71		50.0	48.2		mg/L		96	90 - 110
Fluoride	<0.026		2.50	2.52		mg/L		101	90 - 110
Sulfate	<0.76		50.0	48.5		mg/L		97	90 - 110

Lab Sample ID: 180-133869-15 MSD

Matrix: Water

Analysis Batch: 388878

Client Sample ID: FB-7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<0.71		50.0	48.9		mg/L		98	90 - 110	1	20
Fluoride	<0.026		2.50	2.56		mg/L		103	90 - 110	2	20
Sulfate	<0.76		50.0	51.6		mg/L		103	90 - 110	6	20

Lab Sample ID: MB 180-389765/7

Matrix: Water

Analysis Batch: 389765

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/28/22 13:21	1
Fluoride	<0.026		0.10	0.026	mg/L			02/28/22 13:21	1
Sulfate	<0.76		1.0	0.76	mg/L			02/28/22 13:21	1

Lab Sample ID: LCS 180-389765/6

Matrix: Water

Analysis Batch: 389765

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	49.7		mg/L		99	90 - 110
Fluoride	2.50	2.55		mg/L		102	90 - 110
Sulfate	50.0	50.7		mg/L		101	90 - 110

Lab Sample ID: 180-133984-1 MS

Matrix: Water

Analysis Batch: 389765

Client Sample ID: GWC-11

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.7		50.0	50.0		mg/L		97	90 - 110
Fluoride	<0.026		2.50	2.48		mg/L		99	90 - 110
Sulfate	<0.76		50.0	49.4		mg/L		99	90 - 110

Lab Sample ID: 180-133984-1 MSD

Matrix: Water

Analysis Batch: 389765

Client Sample ID: GWC-11

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.7		50.0	49.9		mg/L		97	90 - 110	0	20
Fluoride	<0.026		2.50	2.48		mg/L		99	90 - 110	0	20
Sulfate	<0.76		50.0	49.4		mg/L		99	90 - 110	0	20

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 180-134279-B-1 MS
Matrix: Water
Analysis Batch: 389765

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	72		250	309		mg/L		95	90 - 110
Fluoride	<0.13		12.5	12.3		mg/L		98	90 - 110
Sulfate	66		250	308		mg/L		97	90 - 110

Lab Sample ID: 180-134279-B-1 MSD
Matrix: Water
Analysis Batch: 389765

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	72		250	317		mg/L		98	90 - 110	3	20
Fluoride	<0.13		12.5	12.7		mg/L		101	90 - 110	3	20
Sulfate	66		250	317		mg/L		100	90 - 110	3	20

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-388850/1-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:29	02/22/22 14:29	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:29	02/22/22 14:29	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:29	02/22/22 14:29	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:29	02/22/22 14:29	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:29	02/22/22 14:29	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:29	02/22/22 14:29	1
Calcium	<0.13		0.50	0.13	mg/L		02/19/22 10:29	02/22/22 14:29	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:29	02/22/22 14:29	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:29	02/22/22 14:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:29	02/22/22 14:29	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:29	02/22/22 14:29	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:29	02/22/22 14:29	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:29	02/22/22 14:29	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:29	02/22/22 14:29	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:29	02/22/22 14:29	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:29	02/22/22 14:29	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:29	02/22/22 14:29	1
Sodium	<0.18		0.50	0.18	mg/L		02/19/22 10:29	02/22/22 14:29	1
Potassium	<0.16		0.50	0.16	mg/L		02/19/22 10:29	02/22/22 14:29	1
Magnesium	<0.050		0.50	0.050	mg/L		02/19/22 10:29	02/22/22 14:29	1

Lab Sample ID: LCS 180-388850/2-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 388850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.252		mg/L		101	80 - 120
Arsenic	1.00	1.00		mg/L		100	80 - 120
Barium	1.00	1.05		mg/L		105	80 - 120

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-388850/2-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 388850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.500	0.508		mg/L		102	80 - 120
Boron	1.25	1.20		mg/L		96	80 - 120
Cadmium	0.500	0.532		mg/L		106	80 - 120
Calcium	25.0	25.5		mg/L		102	80 - 120
Chromium	0.500	0.526		mg/L		105	80 - 120
Cobalt	0.500	0.511		mg/L		102	80 - 120
Copper	0.500	0.496		mg/L		99	80 - 120
Lead	0.500	0.531		mg/L		106	80 - 120
Nickel	0.500	0.514		mg/L		103	80 - 120
Selenium	1.00	1.01		mg/L		101	80 - 120
Silver	0.250	0.270		mg/L		108	80 - 120
Thallium	1.00	1.05		mg/L		105	80 - 120
Vanadium	0.500	0.529		mg/L		106	80 - 120
Zinc	0.250	0.242		mg/L		97	80 - 120
Sodium	25.0	24.2		mg/L		97	80 - 120
Potassium	25.0	25.8		mg/L		103	80 - 120
Magnesium	25.0	23.2		mg/L		93	80 - 120

Lab Sample ID: 180-133727-B-1-A MS
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 388850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00051		0.250	0.257		mg/L		103	75 - 125
Arsenic	<0.00028		1.00	1.05		mg/L		105	75 - 125
Barium	0.24		1.00	1.36		mg/L		112	75 - 125
Beryllium	<0.00027		0.500	0.566		mg/L		113	75 - 125
Boron	0.072	J	1.25	1.36		mg/L		103	75 - 125
Cadmium	<0.00022		0.500	0.553		mg/L		111	75 - 125
Calcium	62		25.0	91.5		mg/L		117	75 - 125
Chromium	<0.0015		0.500	0.536		mg/L		107	75 - 125
Cobalt	<0.00026		0.500	0.528		mg/L		106	75 - 125
Copper	<0.0011		0.500	0.504		mg/L		101	75 - 125
Lead	<0.00017		0.500	0.542		mg/L		108	75 - 125
Nickel	<0.00052		0.500	0.527		mg/L		105	75 - 125
Selenium	<0.00074		1.00	1.04		mg/L		104	75 - 125
Silver	<0.00022		0.250	0.268		mg/L		107	75 - 125
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125
Vanadium	<0.00078		0.500	0.553		mg/L		111	75 - 125
Zinc	<0.0029		0.250	0.246		mg/L		99	75 - 125
Sodium	7.1		25.0	31.8		mg/L		99	75 - 125
Potassium	1.7		25.0	28.6		mg/L		108	75 - 125
Magnesium	18		25.0	43.0		mg/L		101	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-133727-B-1-B MSD
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 388850

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00051		0.250	0.255		mg/L		102	75 - 125	1	20
Arsenic	<0.00028		1.00	1.08		mg/L		108	75 - 125	2	20
Barium	0.24		1.00	1.34		mg/L		111	75 - 125	1	20
Beryllium	<0.00027		0.500	0.516		mg/L		103	75 - 125	9	20
Boron	0.072	J	1.25	1.27		mg/L		96	75 - 125	7	20
Cadmium	<0.00022		0.500	0.555		mg/L		111	75 - 125	0	20
Calcium	62		25.0	93.0		mg/L		123	75 - 125	2	20
Chromium	<0.0015		0.500	0.549		mg/L		110	75 - 125	2	20
Cobalt	<0.00026		0.500	0.523		mg/L		105	75 - 125	1	20
Copper	<0.0011		0.500	0.518		mg/L		104	75 - 125	3	20
Lead	<0.00017		0.500	0.541		mg/L		108	75 - 125	0	20
Nickel	<0.00052		0.500	0.539		mg/L		108	75 - 125	2	20
Selenium	<0.00074		1.00	1.04		mg/L		104	75 - 125	1	20
Silver	<0.00022		0.250	0.269		mg/L		108	75 - 125	0	20
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125	0	20
Vanadium	<0.00078		0.500	0.548		mg/L		110	75 - 125	1	20
Zinc	<0.0029		0.250	0.249		mg/L		100	75 - 125	1	20
Sodium	7.1		25.0	33.0		mg/L		104	75 - 125	4	20
Potassium	1.7		25.0	27.4		mg/L		103	75 - 125	4	20
Magnesium	18		25.0	43.4		mg/L		103	75 - 125	1	20

Lab Sample ID: MB 180-388851/1-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388851

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 16:52	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 16:52	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 16:52	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 16:52	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 16:52	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 16:52	1
Calcium	<0.13		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 16:52	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 16:52	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 16:52	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 16:52	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 16:52	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 16:52	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 16:52	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 16:52	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 16:52	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 16:52	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 16:52	1
Sodium	<0.18		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 16:52	1
Potassium	<0.16		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 16:52	1
Magnesium	<0.050		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 16:52	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-388851/2-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 388851

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.250	0.256		mg/L		102	80 - 120
Arsenic	1.00	1.00		mg/L		100	80 - 120
Barium	1.00	1.08		mg/L		108	80 - 120
Beryllium	0.500	0.522		mg/L		104	80 - 120
Boron	1.25	1.25		mg/L		100	80 - 120
Cadmium	0.500	0.551		mg/L		110	80 - 120
Calcium	25.0	24.9		mg/L		100	80 - 120
Chromium	0.500	0.537		mg/L		107	80 - 120
Cobalt	0.500	0.504		mg/L		101	80 - 120
Copper	0.500	0.486		mg/L		97	80 - 120
Lead	0.500	0.540		mg/L		108	80 - 120
Nickel	0.500	0.506		mg/L		101	80 - 120
Selenium	1.00	1.05		mg/L		105	80 - 120
Silver	0.250	0.264		mg/L		106	80 - 120
Thallium	1.00	1.09		mg/L		109	80 - 120
Vanadium	0.500	0.536		mg/L		107	80 - 120
Zinc	0.250	0.238		mg/L		95	80 - 120
Sodium	25.0	23.4		mg/L		94	80 - 120
Potassium	25.0	25.9		mg/L		104	80 - 120
Magnesium	25.0	22.8		mg/L		91	80 - 120

Lab Sample ID: 180-133869-5 MS
Matrix: Water
Analysis Batch: 389213

Client Sample ID: GWC-5
Prep Type: Total Recoverable
Prep Batch: 388851

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Antimony	<0.00051		0.250	0.255		mg/L		102	75 - 125
Arsenic	<0.00028		1.00	1.03		mg/L		103	75 - 125
Barium	0.038		1.00	1.13		mg/L		110	75 - 125
Beryllium	<0.00027		0.500	0.472		mg/L		94	75 - 125
Boron	0.19		1.25	1.29		mg/L		89	75 - 125
Cadmium	<0.00022		0.500	0.545		mg/L		109	75 - 125
Calcium	36		25.0	62.2		mg/L		103	75 - 125
Chromium	0.0061		0.500	0.551		mg/L		109	75 - 125
Cobalt	<0.00026		0.500	0.512		mg/L		102	75 - 125
Copper	<0.0011		0.500	0.501		mg/L		100	75 - 125
Lead	<0.00017		0.500	0.551		mg/L		110	75 - 125
Nickel	0.0010		0.500	0.513		mg/L		102	75 - 125
Selenium	0.0058		1.00	1.08		mg/L		107	75 - 125
Silver	<0.00022		0.250	0.267		mg/L		107	75 - 125
Thallium	<0.00047		1.00	1.11		mg/L		111	75 - 125
Vanadium	0.0026		0.500	0.550		mg/L		110	75 - 125
Zinc	0.0034	J	0.250	0.242		mg/L		95	75 - 125
Sodium	13		25.0	36.6		mg/L		95	75 - 125
Potassium	1.2		25.0	26.9		mg/L		103	75 - 125
Magnesium	20		25.0	44.0		mg/L		95	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-133869-5 MSD
Matrix: Water
Analysis Batch: 389213

Client Sample ID: GWC-5
Prep Type: Total Recoverable
Prep Batch: 388851

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00051		0.250	0.260		mg/L		104	75 - 125	2	20
Arsenic	<0.00028		1.00	1.03		mg/L		103	75 - 125	0	20
Barium	0.038		1.00	1.15		mg/L		111	75 - 125	2	20
Beryllium	<0.00027		0.500	0.507		mg/L		101	75 - 125	7	20
Boron	0.19		1.25	1.43		mg/L		99	75 - 125	10	20
Cadmium	<0.00022		0.500	0.562		mg/L		112	75 - 125	3	20
Calcium	36		25.0	61.1		mg/L		99	75 - 125	2	20
Chromium	0.0061		0.500	0.543		mg/L		107	75 - 125	2	20
Cobalt	<0.00026		0.500	0.507		mg/L		101	75 - 125	1	20
Copper	<0.0011		0.500	0.495		mg/L		99	75 - 125	1	20
Lead	<0.00017		0.500	0.539		mg/L		108	75 - 125	2	20
Nickel	0.0010		0.500	0.511		mg/L		102	75 - 125	0	20
Selenium	0.0058		1.00	1.07		mg/L		107	75 - 125	1	20
Silver	<0.00022		0.250	0.265		mg/L		106	75 - 125	0	20
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125	3	20
Vanadium	0.0026		0.500	0.553		mg/L		110	75 - 125	0	20
Zinc	0.0034	J	0.250	0.242		mg/L		95	75 - 125	0	20
Sodium	13		25.0	36.8		mg/L		96	75 - 125	1	20
Potassium	1.2		25.0	27.0		mg/L		103	75 - 125	0	20
Magnesium	20		25.0	42.8		mg/L		90	75 - 125	3	20

Lab Sample ID: MB 180-389538/1-A
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:11	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:11	1
Barium	<0.0031		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:11	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:11	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:11	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:11	1
Calcium	<0.13		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:11	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:11	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:11	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:11	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:11	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:11	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:11	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:11	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:11	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:11	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:11	1
Sodium	<0.18		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:11	1
Potassium	<0.16		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:11	1
Magnesium	<0.050		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:11	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-389538/2-A
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.250	0.242		mg/L		97	80 - 120
Arsenic	1.00	0.948		mg/L		95	80 - 120
Barium	1.00	0.957		mg/L		96	80 - 120
Beryllium	0.500	0.498		mg/L		100	80 - 120
Boron	1.25	1.12		mg/L		89	80 - 120
Cadmium	0.500	0.480		mg/L		96	80 - 120
Calcium	25.0	25.7		mg/L		103	80 - 120
Chromium	0.500	0.478		mg/L		96	80 - 120
Cobalt	0.500	0.477		mg/L		95	80 - 120
Copper	0.500	0.462		mg/L		92	80 - 120
Lead	0.500	0.488		mg/L		98	80 - 120
Nickel	0.500	0.479		mg/L		96	80 - 120
Selenium	1.00	0.954		mg/L		95	80 - 120
Silver	0.250	0.240		mg/L		96	80 - 120
Thallium	1.00	0.971		mg/L		97	80 - 120
Vanadium	0.500	0.478		mg/L		96	80 - 120
Zinc	0.250	0.242		mg/L		97	80 - 120
Sodium	25.0	24.9		mg/L		100	80 - 120
Potassium	25.0	24.6		mg/L		98	80 - 120
Magnesium	25.0	24.4		mg/L		98	80 - 120

Lab Sample ID: 180-134138-E-1-B MS
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Antimony	<0.00051		0.250	0.247		mg/L		99	75 - 125
Arsenic	0.00060	J	1.00	0.934		mg/L		93	75 - 125
Barium	0.024		1.00	1.00		mg/L		98	75 - 125
Beryllium	<0.00027		0.500	0.479		mg/L		96	75 - 125
Boron	1.3		1.25	2.28		mg/L		80	75 - 125
Cadmium	<0.00022		0.500	0.476		mg/L		95	75 - 125
Calcium	340		25.0	366	4	mg/L		118	75 - 125
Chromium	<0.0015		0.500	0.480		mg/L		96	75 - 125
Cobalt	0.021		0.500	0.488		mg/L		93	75 - 125
Copper	<0.0011		0.500	0.453		mg/L		91	75 - 125
Lead	<0.00017		0.500	0.479		mg/L		96	75 - 125
Nickel	0.0064		0.500	0.471		mg/L		93	75 - 125
Selenium	<0.00074		1.00	0.927		mg/L		93	75 - 125
Silver	<0.00022		0.250	0.239		mg/L		95	75 - 125
Thallium	<0.00047		1.00	0.962		mg/L		96	75 - 125
Vanadium	<0.00078		0.500	0.484		mg/L		97	75 - 125
Zinc	0.0090		0.250	0.238		mg/L		91	75 - 125
Sodium	9.5		25.0	32.8		mg/L		93	75 - 125
Potassium	11		25.0	34.6		mg/L		95	75 - 125
Magnesium	58		25.0	81.3		mg/L		91	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-134138-E-1-C MSD
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00051		0.250	0.244		mg/L		98	75 - 125	1	20
Arsenic	0.00060	J	1.00	0.998		mg/L		100	75 - 125	7	20
Barium	0.024		1.00	1.03		mg/L		101	75 - 125	3	20
Beryllium	<0.00027		0.500	0.514		mg/L		103	75 - 125	7	20
Boron	1.3		1.25	2.30		mg/L		82	75 - 125	1	20
Cadmium	<0.00022		0.500	0.504		mg/L		101	75 - 125	6	20
Calcium	340		25.0	371	4	mg/L		137	75 - 125	1	20
Chromium	<0.0015		0.500	0.511		mg/L		102	75 - 125	6	20
Cobalt	0.021		0.500	0.514		mg/L		99	75 - 125	5	20
Copper	<0.0011		0.500	0.479		mg/L		96	75 - 125	6	20
Lead	<0.00017		0.500	0.505		mg/L		101	75 - 125	5	20
Nickel	0.0064		0.500	0.498		mg/L		98	75 - 125	6	20
Selenium	<0.00074		1.00	0.978		mg/L		98	75 - 125	5	20
Silver	<0.00022		0.250	0.241		mg/L		96	75 - 125	1	20
Thallium	<0.00047		1.00	1.01		mg/L		101	75 - 125	5	20
Vanadium	<0.00078		0.500	0.512		mg/L		102	75 - 125	6	20
Zinc	0.0090		0.250	0.242		mg/L		93	75 - 125	2	20
Sodium	9.5		25.0	34.1		mg/L		98	75 - 125	4	20
Potassium	11		25.0	35.8		mg/L		100	75 - 125	3	20
Magnesium	58		25.0	82.3		mg/L		95	75 - 125	1	20

Lab Sample ID: MB 180-389665/1-A
Matrix: Water
Analysis Batch: 390021

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 389665

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		02/26/22 08:56	03/01/22 20:51	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/26/22 08:56	03/01/22 20:51	1
Barium	<0.0031		0.010	0.0031	mg/L		02/26/22 08:56	03/01/22 20:51	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/26/22 08:56	03/01/22 20:51	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/26/22 08:56	03/01/22 20:51	1
Calcium	<0.13		0.50	0.13	mg/L		02/26/22 08:56	03/01/22 20:51	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/26/22 08:56	03/01/22 20:51	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/26/22 08:56	03/01/22 20:51	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/22 08:56	03/01/22 20:51	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/26/22 08:56	03/01/22 20:51	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/26/22 08:56	03/01/22 20:51	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/26/22 08:56	03/01/22 20:51	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/26/22 08:56	03/01/22 20:51	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/26/22 08:56	03/01/22 20:51	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/26/22 08:56	03/01/22 20:51	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/26/22 08:56	03/01/22 20:51	1
Sodium	0.194	J	0.50	0.18	mg/L		02/26/22 08:56	03/01/22 20:51	1
Potassium	<0.16		0.50	0.16	mg/L		02/26/22 08:56	03/01/22 20:51	1
Magnesium	<0.050		0.50	0.050	mg/L		02/26/22 08:56	03/01/22 20:51	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-389665/2-A
Matrix: Water
Analysis Batch: 390021

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 389665

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.250	0.261		mg/L		105	80 - 120
Arsenic	1.00	0.926		mg/L		93	80 - 120
Barium	1.00	0.997		mg/L		100	80 - 120
Beryllium	0.500	0.480		mg/L		96	80 - 120
Cadmium	0.500	0.486		mg/L		97	80 - 120
Calcium	25.0	24.8		mg/L		99	80 - 120
Chromium	0.500	0.505		mg/L		101	80 - 120
Cobalt	0.500	0.470		mg/L		94	80 - 120
Copper	0.500	0.460		mg/L		92	80 - 120
Lead	0.500	0.499		mg/L		100	80 - 120
Nickel	0.500	0.470		mg/L		94	80 - 120
Selenium	1.00	0.993		mg/L		99	80 - 120
Silver	0.250	0.257		mg/L		103	80 - 120
Thallium	1.00	1.03		mg/L		103	80 - 120
Vanadium	0.500	0.505		mg/L		101	80 - 120
Zinc	0.250	0.246		mg/L		98	80 - 120
Sodium	25.0	23.3		mg/L		93	80 - 120
Potassium	25.0	24.9		mg/L		99	80 - 120
Magnesium	25.0	25.5		mg/L		102	80 - 120

Lab Sample ID: 180-134242-C-3-B MS
Matrix: Water
Analysis Batch: 390021

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 389665

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Antimony	<0.00051		0.250	0.262		mg/L		105	75 - 125
Arsenic	0.0032		1.00	0.939		mg/L		94	75 - 125
Barium	0.074		1.00	1.11		mg/L		104	75 - 125
Beryllium	<0.00027		0.500	0.492		mg/L		98	75 - 125
Cadmium	<0.00022		0.500	0.501		mg/L		100	75 - 125
Calcium	58		25.0	83.5		mg/L		103	75 - 125
Chromium	<0.0015		0.500	0.519		mg/L		104	75 - 125
Cobalt	0.0012	J	0.500	0.476		mg/L		95	75 - 125
Copper	0.0020		0.500	0.469		mg/L		93	75 - 125
Lead	0.00034	J	0.500	0.516		mg/L		103	75 - 125
Nickel	0.0020		0.500	0.475		mg/L		95	75 - 125
Selenium	<0.00074		1.00	1.02		mg/L		102	75 - 125
Silver	<0.00022		0.250	0.254		mg/L		102	75 - 125
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125
Vanadium	0.0034		0.500	0.523		mg/L		104	75 - 125
Zinc	0.011		0.250	0.247		mg/L		95	75 - 125
Sodium	30	B	25.0	53.3		mg/L		94	75 - 125
Potassium	1.6		25.0	26.7		mg/L		101	75 - 125
Magnesium	3.9		25.0	29.9		mg/L		104	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-134242-C-3-C MSD
Matrix: Water
Analysis Batch: 390021

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 389665

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Antimony	<0.00051		0.250	0.270		mg/L		108	75 - 125	3	20	
Arsenic	0.0032		1.00	0.969		mg/L		97	75 - 125	3	20	
Barium	0.074		1.00	1.13		mg/L		106	75 - 125	2	20	
Beryllium	<0.00027		0.500	0.497		mg/L		99	75 - 125	1	20	
Cadmium	<0.00022		0.500	0.505		mg/L		101	75 - 125	1	20	
Calcium	58		25.0	85.3		mg/L		110	75 - 125	2	20	
Chromium	<0.0015		0.500	0.525		mg/L		105	75 - 125	1	20	
Cobalt	0.0012	J	0.500	0.487		mg/L		97	75 - 125	2	20	
Copper	0.0020		0.500	0.482		mg/L		96	75 - 125	3	20	
Lead	0.00034	J	0.500	0.521		mg/L		104	75 - 125	1	20	
Nickel	0.0020		0.500	0.489		mg/L		97	75 - 125	3	20	
Selenium	<0.00074		1.00	1.03		mg/L		103	75 - 125	0	20	
Silver	<0.00022		0.250	0.265		mg/L		106	75 - 125	4	20	
Thallium	<0.00047		1.00	1.10		mg/L		110	75 - 125	2	20	
Vanadium	0.0034		0.500	0.527		mg/L		105	75 - 125	1	20	
Zinc	0.011		0.250	0.261		mg/L		100	75 - 125	5	20	
Sodium	30	B	25.0	53.7		mg/L		96	75 - 125	1	20	
Potassium	1.6		25.0	27.3		mg/L		103	75 - 125	2	20	
Magnesium	3.9		25.0	30.6		mg/L		107	75 - 125	2	20	

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-389781/1-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389781

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:06	1

Lab Sample ID: LCS 180-389781/2-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389781

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits

Lab Sample ID: 180-133869-1 MS
Matrix: Water
Analysis Batch: 390002

Client Sample ID: GWC-1
Prep Type: Total/NA
Prep Batch: 389781

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Mercury	<0.00013		0.00100	0.000985		mg/L		99	75 - 125	

Lab Sample ID: 180-133869-1 MSD
Matrix: Water
Analysis Batch: 390002

Client Sample ID: GWC-1
Prep Type: Total/NA
Prep Batch: 389781

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Mercury	<0.00013		0.00100	0.000977		mg/L		98	75 - 125	1	20	

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: EPA 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 180-389940/1-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:35	1

Lab Sample ID: LCS 180-389940/2-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389940

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00266		mg/L		106	80 - 120

Lab Sample ID: 180-134011-B-1-C MS
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 389940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.00013		0.00100	0.000859		mg/L		86	75 - 125

Lab Sample ID: 180-134011-B-1-D MSD
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 389940

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.000827		mg/L		83	75 - 125	4	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-388814/2
Matrix: Water
Analysis Batch: 388814

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 15:20	1

Lab Sample ID: LCS 180-388814/1
Matrix: Water
Analysis Batch: 388814

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	422		mg/L		90	85 - 115

Lab Sample ID: 180-133727-C-1 DU
Matrix: Water
Analysis Batch: 388814

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	270		274		mg/L		0.4	10

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 180-388829/2
Matrix: Water
Analysis Batch: 388829

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 18:15	1

Lab Sample ID: LCS 180-388829/1
Matrix: Water
Analysis Batch: 388829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	436		mg/L		93	85 - 115

Lab Sample ID: 180-133869-4 DU
Matrix: Water
Analysis Batch: 388829

Client Sample ID: GWC-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	140		139		mg/L		2	10

Lab Sample ID: 180-133869-13 DU
Matrix: Water
Analysis Batch: 388829

Client Sample ID: GWA-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	79		74.0		mg/L		7	10

Lab Sample ID: MB 180-389176/2
Matrix: Water
Analysis Batch: 389176

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/22/22 17:21	1

Lab Sample ID: LCS 180-389176/1
Matrix: Water
Analysis Batch: 389176

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	454		mg/L		97	85 - 115

Lab Sample ID: 180-134015-D-2 DU
Matrix: Water
Analysis Batch: 389176

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	390		390		mg/L		0.5	10

Lab Sample ID: MB 180-389182/2
Matrix: Water
Analysis Batch: 389182

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/22/22 17:41	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: LCS 180-389182/1
Matrix: Water
Analysis Batch: 389182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	432		mg/L		92	85 - 115

Lab Sample ID: 180-133982-A-6 DU
Matrix: Water
Analysis Batch: 389182

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	66		65.0		mg/L		2	10

Lab Sample ID: MB 180-389184/2
Matrix: Water
Analysis Batch: 389184

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/22/22 17:45	1

Lab Sample ID: LCS 180-389184/1
Matrix: Water
Analysis Batch: 389184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	469	452		mg/L		96	85 - 115

Lab Sample ID: 180-133984-8 DU
Matrix: Water
Analysis Batch: 389184

Client Sample ID: DUP-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	120		125		mg/L		4	10

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-389234/30
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1

Lab Sample ID: MB 180-389234/54
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: MB 180-389234/78
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 00:23	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:23	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:23	1

Lab Sample ID: LCS 180-389234/53
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	244		mg/L		92	90 - 110

Lab Sample ID: LCS 180-389234/77
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	240		mg/L		91	90 - 110

Lab Sample ID: LLCS 180-389234/52
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	13.6		mg/L		85	75 - 125

Lab Sample ID: LLCS 180-389234/76
Matrix: Water
Analysis Batch: 389234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	13.9		mg/L		87	75 - 125

Lab Sample ID: 180-133869-3 DU
Matrix: Water
Analysis Batch: 389234

Client Sample ID: GWC-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	38		39.4		mg/L		3	20
Bicarbonate Alkalinity as CaCO3	38		39.4		mg/L		3	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: 180-133869-11 DU
Matrix: Water
Analysis Batch: 389234

Client Sample ID: GWA-15
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	21		20.3		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	21		20.3		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-133869-17 DU
Matrix: Water
Analysis Batch: 389234

Client Sample ID: EB-7
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	<5.0		<5.0		mg/L		NC	20
Bicarbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 180-389552/30
Matrix: Water
Analysis Batch: 389552

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/24/22 20:35	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 20:35	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 20:35	1

Lab Sample ID: MB 180-389552/54
Matrix: Water
Analysis Batch: 389552

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/24/22 23:34	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 23:34	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 23:34	1

Lab Sample ID: MB 180-389552/6
Matrix: Water
Analysis Batch: 389552

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/24/22 17:45	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 17:45	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 17:45	1

Lab Sample ID: MB 180-389552/78
Matrix: Water
Analysis Batch: 389552

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/25/22 02:29	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/22 02:29	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/22 02:29	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-389552/29
Matrix: Water
Analysis Batch: 389552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	242		mg/L		92	90 - 110

Lab Sample ID: LCS 180-389552/5
Matrix: Water
Analysis Batch: 389552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	240		mg/L		91	90 - 110

Lab Sample ID: LCS 180-389552/53
Matrix: Water
Analysis Batch: 389552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	247		mg/L		93	90 - 110

Lab Sample ID: LCS 180-389552/77
Matrix: Water
Analysis Batch: 389552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	245		mg/L		92	90 - 110

Lab Sample ID: LLCS 180-389552/28
Matrix: Water
Analysis Batch: 389552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	13.6		mg/L		86	75 - 125

Lab Sample ID: LLCS 180-389552/4
Matrix: Water
Analysis Batch: 389552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.1		mg/L		89	75 - 125

Lab Sample ID: LLCS 180-389552/52
Matrix: Water
Analysis Batch: 389552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	13.7		mg/L		86	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LLCS 180-389552/76
Matrix: Water
Analysis Batch: 389552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.1		mg/L		88	75 - 125

Lab Sample ID: 180-133984-2 DU
Matrix: Water
Analysis Batch: 389552

Client Sample ID: GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	9.8		9.36		mg/L		4	20
Bicarbonate Alkalinity as CaCO3	9.8		9.36		mg/L		4	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-133984-3 DU
Matrix: Water
Analysis Batch: 389552

Client Sample ID: GWC-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	47		48.4		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	47		48.4		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-133984-6 DU
Matrix: Water
Analysis Batch: 389552

Client Sample ID: GWC-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	93		92.0		mg/L		1	20
Bicarbonate Alkalinity as CaCO3	93		92.0		mg/L		1	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 180-389884/30
Matrix: Water
Analysis Batch: 389884

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/26/22 14:54	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 14:54	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 14:54	1

Lab Sample ID: MB 180-389884/54
Matrix: Water
Analysis Batch: 389884

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/26/22 17:46	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 17:46	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 17:46	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-389884/53
Matrix: Water
Analysis Batch: 389884

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	265	250		mg/L		94	90 - 110

Lab Sample ID: LLCS 180-389884/52
Matrix: Water
Analysis Batch: 389884

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.4		mg/L		91	75 - 125

Lab Sample ID: 180-134251-C-6 DU
Matrix: Water
Analysis Batch: 389884

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	32		31.9		mg/L		0.8	20
Bicarbonate Alkalinity as CaCO3	32		31.9		mg/L		0.8	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

HPLC/IC

Analysis Batch: 388878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	EPA 300.0 R2.1	
180-133869-2	GWC-2	Total/NA	Water	EPA 300.0 R2.1	
180-133869-3	GWC-3	Total/NA	Water	EPA 300.0 R2.1	
180-133869-4	GWC-4	Total/NA	Water	EPA 300.0 R2.1	
180-133869-5	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-133869-6	GWC-6	Total/NA	Water	EPA 300.0 R2.1	
180-133869-7	GWC-7	Total/NA	Water	EPA 300.0 R2.1	
180-133869-8	GWC-8A	Total/NA	Water	EPA 300.0 R2.1	
180-133869-9	GWC-9	Total/NA	Water	EPA 300.0 R2.1	
180-133869-10	GWC-10	Total/NA	Water	EPA 300.0 R2.1	
180-133869-11	GWA-15	Total/NA	Water	EPA 300.0 R2.1	
180-133869-12	GWA-16	Total/NA	Water	EPA 300.0 R2.1	
180-133869-13	GWA-17	Total/NA	Water	EPA 300.0 R2.1	
180-133869-14	FB-6	Total/NA	Water	EPA 300.0 R2.1	
180-133869-15	FB-7	Total/NA	Water	EPA 300.0 R2.1	
180-133869-16	EB-6	Total/NA	Water	EPA 300.0 R2.1	
180-133869-17	EB-7	Total/NA	Water	EPA 300.0 R2.1	
180-133869-18	DUP-6	Total/NA	Water	EPA 300.0 R2.1	
MB 180-388878/41	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-388878/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-388878/40	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-388878/6	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-133869-5 MS	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-133869-5 MSD	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-133869-15 MS	FB-7	Total/NA	Water	EPA 300.0 R2.1	
180-133869-15 MSD	FB-7	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 389765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
180-133984-2	GWC-12	Total/NA	Water	EPA 300.0 R2.1	
180-133984-3	GWC-13	Total/NA	Water	EPA 300.0 R2.1	
180-133984-4	GWC-14	Total/NA	Water	EPA 300.0 R2.1	
180-133984-5	GWC-18	Total/NA	Water	EPA 300.0 R2.1	
180-133984-6	GWC-19	Total/NA	Water	EPA 300.0 R2.1	
180-133984-7	GWC-20	Total/NA	Water	EPA 300.0 R2.1	
180-133984-8	DUP-7	Total/NA	Water	EPA 300.0 R2.1	
MB 180-389765/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-389765/6	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-133984-1 MS	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
180-133984-1 MSD	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
180-134279-B-1 MS	Matrix Spike	Total/NA	Water	EPA 300.0 R2.1	
180-134279-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 388850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total Recoverable	Water	3005A	
180-133869-2	GWC-2	Total Recoverable	Water	3005A	
180-133869-3	GWC-3	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Metals (Continued)

Prep Batch: 388850 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-4	GWC-4	Total Recoverable	Water	3005A	
MB 180-388850/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-388850/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-133727-B-1-A MS	Matrix Spike	Total Recoverable	Water	3005A	
180-133727-B-1-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 388851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-5	GWC-5	Total Recoverable	Water	3005A	
180-133869-6	GWC-6	Total Recoverable	Water	3005A	
180-133869-7	GWC-7	Total Recoverable	Water	3005A	
180-133869-8	GWC-8A	Total Recoverable	Water	3005A	
180-133869-9	GWC-9	Total Recoverable	Water	3005A	
180-133869-10	GWC-10	Total Recoverable	Water	3005A	
180-133869-11	GWA-15	Total Recoverable	Water	3005A	
180-133869-12	GWA-16	Total Recoverable	Water	3005A	
180-133869-13	GWA-17	Total Recoverable	Water	3005A	
180-133869-14	FB-6	Total Recoverable	Water	3005A	
180-133869-15	FB-7	Total Recoverable	Water	3005A	
180-133869-16	EB-6	Total Recoverable	Water	3005A	
180-133869-17	EB-7	Total Recoverable	Water	3005A	
180-133869-18	DUP-6	Total Recoverable	Water	3005A	
MB 180-388851/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-388851/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-133869-5 MS	GWC-5	Total Recoverable	Water	3005A	
180-133869-5 MSD	GWC-5	Total Recoverable	Water	3005A	

Analysis Batch: 389213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total Recoverable	Water	EPA 6020B	388850
180-133869-2	GWC-2	Total Recoverable	Water	EPA 6020B	388850
180-133869-3	GWC-3	Total Recoverable	Water	EPA 6020B	388850
180-133869-4	GWC-4	Total Recoverable	Water	EPA 6020B	388850
180-133869-5	GWC-5	Total Recoverable	Water	EPA 6020B	388851
180-133869-6	GWC-6	Total Recoverable	Water	EPA 6020B	388851
180-133869-7	GWC-7	Total Recoverable	Water	EPA 6020B	388851
180-133869-8	GWC-8A	Total Recoverable	Water	EPA 6020B	388851
180-133869-9	GWC-9	Total Recoverable	Water	EPA 6020B	388851
180-133869-10	GWC-10	Total Recoverable	Water	EPA 6020B	388851
180-133869-11	GWA-15	Total Recoverable	Water	EPA 6020B	388851
180-133869-12	GWA-16	Total Recoverable	Water	EPA 6020B	388851
180-133869-13	GWA-17	Total Recoverable	Water	EPA 6020B	388851
180-133869-14	FB-6	Total Recoverable	Water	EPA 6020B	388851
180-133869-15	FB-7	Total Recoverable	Water	EPA 6020B	388851
180-133869-16	EB-6	Total Recoverable	Water	EPA 6020B	388851
180-133869-17	EB-7	Total Recoverable	Water	EPA 6020B	388851
180-133869-18	DUP-6	Total Recoverable	Water	EPA 6020B	388851
MB 180-388850/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	388850
MB 180-388851/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	388851
LCS 180-388850/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	388850
LCS 180-388851/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	388851

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Metals (Continued)

Analysis Batch: 389213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133727-B-1-A MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	388850
180-133727-B-1-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	388850
180-133869-5 MS	GWC-5	Total Recoverable	Water	EPA 6020B	388851
180-133869-5 MSD	GWC-5	Total Recoverable	Water	EPA 6020B	388851

Prep Batch: 389538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total Recoverable	Water	3005A	
180-133984-2	GWC-12	Total Recoverable	Water	3005A	
180-133984-3	GWC-13	Total Recoverable	Water	3005A	
180-133984-4	GWC-14	Total Recoverable	Water	3005A	
180-133984-5	GWC-18	Total Recoverable	Water	3005A	
180-133984-6	GWC-19	Total Recoverable	Water	3005A	
180-133984-7	GWC-20	Total Recoverable	Water	3005A	
180-133984-8	DUP-7	Total Recoverable	Water	3005A	
MB 180-389538/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-389538/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-134138-E-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-134138-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 389665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-16	EB-6	Total Recoverable	Water	3005A	
MB 180-389665/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-389665/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-134242-C-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-134242-C-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 389781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	7470A	
180-133869-2	GWC-2	Total/NA	Water	7470A	
180-133869-3	GWC-3	Total/NA	Water	7470A	
180-133869-4	GWC-4	Total/NA	Water	7470A	
180-133869-5	GWC-5	Total/NA	Water	7470A	
180-133869-6	GWC-6	Total/NA	Water	7470A	
180-133869-7	GWC-7	Total/NA	Water	7470A	
180-133869-8	GWC-8A	Total/NA	Water	7470A	
180-133869-9	GWC-9	Total/NA	Water	7470A	
180-133869-10	GWC-10	Total/NA	Water	7470A	
180-133869-11	GWA-15	Total/NA	Water	7470A	
180-133869-12	GWA-16	Total/NA	Water	7470A	
180-133869-13	GWA-17	Total/NA	Water	7470A	
180-133869-14	FB-6	Total/NA	Water	7470A	
180-133869-15	FB-7	Total/NA	Water	7470A	
180-133869-16	EB-6	Total/NA	Water	7470A	
180-133869-17	EB-7	Total/NA	Water	7470A	
180-133869-18	DUP-6	Total/NA	Water	7470A	
MB 180-389781/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389781/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-133869-1 MS	GWC-1	Total/NA	Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Metals (Continued)

Prep Batch: 389781 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1 MSD	GWC-1	Total/NA	Water	7470A	

Analysis Batch: 389850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total Recoverable	Water	EPA 6020B	389538
180-133984-2	GWC-12	Total Recoverable	Water	EPA 6020B	389538
180-133984-3	GWC-13	Total Recoverable	Water	EPA 6020B	389538
180-133984-4	GWC-14	Total Recoverable	Water	EPA 6020B	389538
180-133984-5	GWC-18	Total Recoverable	Water	EPA 6020B	389538
180-133984-6	GWC-19	Total Recoverable	Water	EPA 6020B	389538
180-133984-7	GWC-20	Total Recoverable	Water	EPA 6020B	389538
180-133984-8	DUP-7	Total Recoverable	Water	EPA 6020B	389538
MB 180-389538/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	389538
LCS 180-389538/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	389538
180-134138-E-1-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	389538
180-134138-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	389538

Prep Batch: 389940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	7470A	
180-133984-2	GWC-12	Total/NA	Water	7470A	
180-133984-3	GWC-13	Total/NA	Water	7470A	
180-133984-4	GWC-14	Total/NA	Water	7470A	
180-133984-5	GWC-18	Total/NA	Water	7470A	
180-133984-6	GWC-19	Total/NA	Water	7470A	
180-133984-7	GWC-20	Total/NA	Water	7470A	
180-133984-8	DUP-7	Total/NA	Water	7470A	
MB 180-389940/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	7470A	
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 390002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	EPA 7470A	389781
180-133869-2	GWC-2	Total/NA	Water	EPA 7470A	389781
180-133869-3	GWC-3	Total/NA	Water	EPA 7470A	389781
180-133869-4	GWC-4	Total/NA	Water	EPA 7470A	389781
180-133869-5	GWC-5	Total/NA	Water	EPA 7470A	389781
180-133869-6	GWC-6	Total/NA	Water	EPA 7470A	389781
180-133869-7	GWC-7	Total/NA	Water	EPA 7470A	389781
180-133869-8	GWC-8A	Total/NA	Water	EPA 7470A	389781
180-133869-9	GWC-9	Total/NA	Water	EPA 7470A	389781
180-133869-10	GWC-10	Total/NA	Water	EPA 7470A	389781
180-133869-11	GWA-15	Total/NA	Water	EPA 7470A	389781
180-133869-12	GWA-16	Total/NA	Water	EPA 7470A	389781
180-133869-13	GWA-17	Total/NA	Water	EPA 7470A	389781
180-133869-14	FB-6	Total/NA	Water	EPA 7470A	389781
180-133869-15	FB-7	Total/NA	Water	EPA 7470A	389781
180-133869-16	EB-6	Total/NA	Water	EPA 7470A	389781
180-133869-17	EB-7	Total/NA	Water	EPA 7470A	389781

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Metals (Continued)

Analysis Batch: 390002 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-18	DUP-6	Total/NA	Water	EPA 7470A	389781
180-133984-1	GWC-11	Total/NA	Water	EPA 7470A	389940
180-133984-2	GWC-12	Total/NA	Water	EPA 7470A	389940
180-133984-3	GWC-13	Total/NA	Water	EPA 7470A	389940
180-133984-4	GWC-14	Total/NA	Water	EPA 7470A	389940
180-133984-5	GWC-18	Total/NA	Water	EPA 7470A	389940
180-133984-6	GWC-19	Total/NA	Water	EPA 7470A	389940
180-133984-7	GWC-20	Total/NA	Water	EPA 7470A	389940
180-133984-8	DUP-7	Total/NA	Water	EPA 7470A	389940
MB 180-389781/1-A	Method Blank	Total/NA	Water	EPA 7470A	389781
MB 180-389940/1-A	Method Blank	Total/NA	Water	EPA 7470A	389940
LCS 180-389781/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389781
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389940
180-133869-1 MS	GWC-1	Total/NA	Water	EPA 7470A	389781
180-133869-1 MSD	GWC-1	Total/NA	Water	EPA 7470A	389781
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	EPA 7470A	389940
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	389940

Analysis Batch: 390021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-16	EB-6	Total Recoverable	Water	EPA 6020B	389665
MB 180-389665/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	389665
LCS 180-389665/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	389665
180-134242-C-3-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	389665
180-134242-C-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	389665

General Chemistry

Analysis Batch: 388814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	SM 2540C	
180-133869-2	GWC-2	Total/NA	Water	SM 2540C	
MB 180-388814/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-388814/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133727-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 388829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-3	GWC-3	Total/NA	Water	SM 2540C	
180-133869-4	GWC-4	Total/NA	Water	SM 2540C	
180-133869-5	GWC-5	Total/NA	Water	SM 2540C	
180-133869-6	GWC-6	Total/NA	Water	SM 2540C	
180-133869-7	GWC-7	Total/NA	Water	SM 2540C	
180-133869-8	GWC-8A	Total/NA	Water	SM 2540C	
180-133869-9	GWC-9	Total/NA	Water	SM 2540C	
180-133869-10	GWC-10	Total/NA	Water	SM 2540C	
180-133869-11	GWA-15	Total/NA	Water	SM 2540C	
180-133869-12	GWA-16	Total/NA	Water	SM 2540C	
180-133869-13	GWA-17	Total/NA	Water	SM 2540C	
180-133869-14	FB-6	Total/NA	Water	SM 2540C	
180-133869-15	FB-7	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

General Chemistry (Continued)

Analysis Batch: 388829 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-16	EB-6	Total/NA	Water	SM 2540C	
180-133869-18	DUP-6	Total/NA	Water	SM 2540C	
MB 180-388829/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-388829/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133869-4 DU	GWC-4	Total/NA	Water	SM 2540C	
180-133869-13 DU	GWA-17	Total/NA	Water	SM 2540C	

Analysis Batch: 389176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-17	EB-7	Total/NA	Water	SM 2540C	
MB 180-389176/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389176/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-134015-D-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 389182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	SM 2540C	
180-133984-2	GWC-12	Total/NA	Water	SM 2540C	
180-133984-3	GWC-13	Total/NA	Water	SM 2540C	
180-133984-4	GWC-14	Total/NA	Water	SM 2540C	
180-133984-5	GWC-18	Total/NA	Water	SM 2540C	
180-133984-6	GWC-19	Total/NA	Water	SM 2540C	
MB 180-389182/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389182/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133982-A-6 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 389184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-7	GWC-20	Total/NA	Water	SM 2540C	
180-133984-8	DUP-7	Total/NA	Water	SM 2540C	
MB 180-389184/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389184/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133984-8 DU	DUP-7	Total/NA	Water	SM 2540C	

Analysis Batch: 389234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	SM2320 B	
180-133869-2	GWC-2	Total/NA	Water	SM2320 B	
180-133869-3	GWC-3	Total/NA	Water	SM2320 B	
180-133869-4	GWC-4	Total/NA	Water	SM2320 B	
180-133869-5	GWC-5	Total/NA	Water	SM2320 B	
180-133869-6	GWC-6	Total/NA	Water	SM2320 B	
180-133869-7	GWC-7	Total/NA	Water	SM2320 B	
180-133869-8	GWC-8A	Total/NA	Water	SM2320 B	
180-133869-9	GWC-9	Total/NA	Water	SM2320 B	
180-133869-10	GWC-10	Total/NA	Water	SM2320 B	
180-133869-11	GWA-15	Total/NA	Water	SM2320 B	
180-133869-12	GWA-16	Total/NA	Water	SM2320 B	
180-133869-13	GWA-17	Total/NA	Water	SM2320 B	
180-133869-14	FB-6	Total/NA	Water	SM2320 B	
180-133869-15	FB-7	Total/NA	Water	SM2320 B	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

General Chemistry (Continued)

Analysis Batch: 389234 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-16	EB-6	Total/NA	Water	SM2320 B	
180-133869-17	EB-7	Total/NA	Water	SM2320 B	
180-133869-18	DUP-6	Total/NA	Water	SM2320 B	
MB 180-389234/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389234/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389234/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-133869-3 DU	GWC-3	Total/NA	Water	SM2320 B	
180-133869-11 DU	GWA-15	Total/NA	Water	SM2320 B	
180-133869-17 DU	EB-7	Total/NA	Water	SM2320 B	

Analysis Batch: 389552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-2	GWC-12	Total/NA	Water	SM2320 B	
180-133984-3	GWC-13	Total/NA	Water	SM2320 B	
180-133984-4	GWC-14	Total/NA	Water	SM2320 B	
180-133984-5	GWC-18	Total/NA	Water	SM2320 B	
180-133984-6	GWC-19	Total/NA	Water	SM2320 B	
MB 180-389552/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389552/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389552/6	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389552/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389552/29	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389552/5	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389552/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389552/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389552/28	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389552/4	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389552/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389552/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-133984-2 DU	GWC-12	Total/NA	Water	SM2320 B	
180-133984-3 DU	GWC-13	Total/NA	Water	SM2320 B	
180-133984-6 DU	GWC-19	Total/NA	Water	SM2320 B	

Analysis Batch: 389884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	SM2320 B	
180-133984-7	GWC-20	Total/NA	Water	SM2320 B	
180-133984-8	DUP-7	Total/NA	Water	SM2320 B	
MB 180-389884/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389884/54	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389884/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389884/52	Lab Control Sample	Total/NA	Water	SM2320 B	
180-134251-C-6 DU	Duplicate	Total/NA	Water	SM2320 B	

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Field Service / Mobile Lab

Analysis Batch: 389613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	Field Sampling	
180-133869-2	GWC-2	Total/NA	Water	Field Sampling	
180-133869-3	GWC-3	Total/NA	Water	Field Sampling	
180-133869-4	GWC-4	Total/NA	Water	Field Sampling	
180-133869-5	GWC-5	Total/NA	Water	Field Sampling	
180-133869-6	GWC-6	Total/NA	Water	Field Sampling	
180-133869-7	GWC-7	Total/NA	Water	Field Sampling	
180-133869-8	GWC-8A	Total/NA	Water	Field Sampling	
180-133869-9	GWC-9	Total/NA	Water	Field Sampling	
180-133869-10	GWC-10	Total/NA	Water	Field Sampling	
180-133869-11	GWA-15	Total/NA	Water	Field Sampling	
180-133869-12	GWA-16	Total/NA	Water	Field Sampling	
180-133869-13	GWA-17	Total/NA	Water	Field Sampling	

Analysis Batch: 389904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	Field Sampling	
180-133984-2	GWC-12	Total/NA	Water	Field Sampling	
180-133984-3	GWC-13	Total/NA	Water	Field Sampling	
180-133984-4	GWC-14	Total/NA	Water	Field Sampling	
180-133984-5	GWC-18	Total/NA	Water	Field Sampling	
180-133984-6	GWC-19	Total/NA	Water	Field Sampling	
180-133984-7	GWC-20	Total/NA	Water	Field Sampling	

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Chain of Custody



TestAmerica

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TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Ot

180-133869 Chain of Custody

Client Contact Joju Abraham Southern Company 241 Ralph McGill Blvd SE B10185 Atlanta, GA 30308 JAbraham@southernco.com	Project Manager: Dawn Prell Tel/Fax: 248-536-5445	Site Contact: Dawn Prell Lab Contact: Shali Brown	Carrier: 1 of 2 COCs
Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below ___ 3-5 days ___ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: SDG No.:	
Project Name: CCR - Plant Scherer Cell 1 Site: Georgia P O #			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Tl, Vn, Zn	Cations: Na, Mg, K	Cl, F, So4, TDS	Alkalinity (total, CO3, HCO3)	Sample Specific Notes:
GWC-1	2/15/2022	13:01	G	GW	2			X	X	X	X	pH= 6.83
GWC-2	2/15/2022	11:05	G	GW	2			X	X	X	X	pH= 6.61
GWC-3	2/15/2022	15:55	G	GW	2			X	X	X	X	pH= 5.87
GWC-4	2/15/2022	10:10	G	GW	2			X	X	X	X	pH= 6.37
GWC-5	2/15/2022	14:05	G	GW	2			X	X	X	X	pH= 6.16
GWC-6	2/15/2022	13:25	G	GW	2			X	X	X	X	pH= 6.10
GWC-7	2/15/2022	12:30	G	GW	2			X	X	X	X	pH= 6.22
GWC-8A	2/15/2022	9:30	G	GW	2			X	X	X	X	pH= 6.34
GWC-9	2/15/2022	10:50	G	GW	2			X	X	X	X	pH= 6.61
GWC-10	2/15/2022	15:05	G	GW	2			X	X	X	X	pH= 6.48
GWA-15	2/15/2022	12:35	G	GW	2			X	X	X	X	pH= 5.40
GWA-16	2/15/2022	13:38	G	GW	2			X	X	X	X	pH= 6.46

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: <i>Dawn Prell</i>	Company: <i>WSP-brown</i>	Date/Time: <i>2/16/22 9:58</i>	Received by: <i>Elaine Cook</i>	Company: <i>Courier Now</i>	Date/Time: <i>2/16/22</i>
Relinquished by: <i>Elaine Cook</i>	Company: <i>Courier Now</i>	Date/Time: <i>2/16/22 9:58</i>	Received by: <i>Michael Maskel</i>	Company: <i>ASTA</i>	Date/Time: <i>2-17-22 9:58</i>
Relinquished by: <i>Michael Maskel</i>	Company: <i>ASTA</i>	Date/Time: <i>2-16-22 9:58</i>	Received in Laboratory by: <i>J. Watson</i>	Company: <i>ASTA</i>	Date/Time: <i>2-17-22 9:30</i>

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Chain of Custody Record

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TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Dawn Prell		Site Contact: Dawn Prell		Date: 2/15/2022		COC No:						
Joju Abraham		Tel/Fax: 248-536-5445		Lab Contact: Shali Brown		Carrier:		2 of 2 COCs						
Southern Company		Analysis Turnaround Time												
241 Ralph McGill Blvd SE B10185		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS												
Atlanta, GA 30308		TAT if different from Below ___3-5 days___												
JAbraham@southernco.com		<input type="checkbox"/> 2 weeks												
Project Name: CCR - Plant Scherer Cell 1		<input type="checkbox"/> 1 week												
Site: Georgia		<input type="checkbox"/> 2 days												
P O #		<input type="checkbox"/> 1 day												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	8020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn	Cations: Na, Mg, K	Cl, F, So4, PO4	Alkalinity (Total, CO3, HCO3)	Sample Specific Notes:	

244 ATLANTA

GWA-17	2/15/2022	14:35	G	GW	2		X	X	X	X			pH= 6.20
FB-6	2/15/2022	12:45	G	GW	2		X	X	X	X			
FB-7	2/15/2022	14:55	G	GW	2		X	X	X	X			
EB-6	2/15/2022	10:00	G	GW	2		X	X	X	X			
EB-7	2/15/2022	15:15	G	GW	2		X	X	X	X			
DUP-6	2/15/2022	-	G	GW	2		X	X	X	X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable S Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Therm ID No.:
Relinquished by: <i>Wsa Bowen</i>	Company: <i>Wsa Bowen</i>	Date/Time: <i>2/16/22 8:00</i>	Received by: <i>Elaine Cook</i>	Company: <i>Courier Now</i>
Relinquished by: <i>Elaine Cook</i>	Company: <i>Courier Now</i>	Date/Time: <i>2/16/22 9:58</i>	Received by: <i>Michael Masked</i>	Company: <i>Watom</i>
Relinquished by: <i>Michael Masked</i>	Company: <i>Watom</i>	Date/Time: <i>2/16/22 9:58</i>	Received in Laboratory by: <i>Watom</i>	Company: <i>Watom</i>

Form No. CA-C-WI-002, Rev. 4.20, dated 2/28/2019

9:30

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Chain of Custody Record

ATLANTA-244

TestAmerica
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TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact	Project Manager: Dawn Prell	Site Contact: Dawn Prell	Date: 2/17/2022	COC No:
Joju Abraham	Tel/Fax: 248-536-5445	Lab Contact: Shali Brown	Carrier:	__1__ of __1__ COCs
Southern Company	Analysis Turnaround Time			Sampler:
241 Ralph McGill Blvd SE B10185	<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS			For Lab Use Only:
Atlanta, GA 30308	TAT if different from Below __3-5 days__			Walk-in Client:
JAbraham@southernco.com	<input type="checkbox"/> 2 weeks			Lab Sampling:
Project Name: CCR - Plant Scherer Cell 1	<input type="checkbox"/> 1 week			Job / SDG No.:
Site: Georgia	<input type="checkbox"/> 2 days			
P O #	<input type="checkbox"/> 1 day			

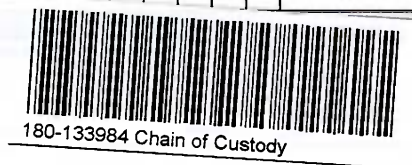
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vh, Zn	Cations: Na, Mg, K	Cl, F, So4, TDS	Alkalinity (total, CO3, HCO3)	Sample Specific Notes:
GWC-11	2/16/2022	11:55	G	GW	2			X	X	X	X	pH= 6.16
GWC-12	2/16/2022	12:56	G	GW	2			X	X	X	X	pH= 5.11
GWC-13	2/16/2022	9:25	G	GW	2			X	X	X	X	pH= 5.79
GWC-14	2/16/2022	11:19	G	GW	2			X	X	X	X	pH= 5.60
GWC-18	2/16/2022	11:35	G	GW	2			X	X	X	X	pH= 6.54
GWC-19	2/16/2022	10:36	G	GW	2			X	X	X	X	pH= 6.47
GWC-20	2/16/2022	9:48	G	GW	2			X	X	X	X	pH= 6.71
DUP-7	2/16/2022	--	G	GW	2			X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Poison B Unknown

Sample Disposal (A fee may be assessed if) Return to Client C



Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: <i>[Signature]</i>	Company: <i>Goldor</i>	Date/Time: <i>2-17-22/10:30</i>	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: <i>2-17-22 10:30</i>
Relinquished by: <i>[Signature]</i>	Company:	Date/Time: <i>2-17-22 9:30</i>	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: <i>2-17-22 9:30</i>
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133869-1

Login Number: 133869

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133869-1

Login Number: 133984

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Kovitch, Christina M

Question	Answer	Comment
Radioactivity wasn't checked or is < /= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	COOLER 3042 8.7
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





golder.com

REPORT

Alternate Source Demonstration

*Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI)
2022 First Semi-Annual Event*

Submitted to:



Georgia Power Company

241 Ralph McGill Boulevard NE, Atlanta, Georgia 30308

Submitted by:

Golder Associates USA Inc.

5170 Peachtree Road Building 100 Suite 300, Atlanta, Georgia, USA 30341

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November 29, 2022



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Figure 7: GWC-4 and Upgradient Groundwater Geochemistry Piper Trilinear Diagram

Figure 8: Boron and Chloride in Groundwater at GWC-4

Appendix

Appendix: Analytical Data Reports

Certification

This *Alternate Source Demonstration, Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI), 2022 First Semi-Annual Monitoring Event*, has been prepared in compliance with 40 CFR § 257.94(e)(2) of the Federal Coal Combustion Residuals (CCR) Rule and §391-3-4-.14(23)(c) Georgia Solid Waste Management Rule by a qualified groundwater scientist or engineer with Golder Associates USA Inc. References to the appropriate 391-3-4 Rules are incorporated throughout this document.

Golder Associates USA Inc.



Dawn L. Prell, CPG
Senior Hydrogeologist



Rachel P. Kirkman, PG
Registered Professional Geologist No. 1756

I hereby certify that the information used in this *Alternate Source Demonstration, Georgia Power Company Plant Scherer Cell 1 2022 First Semi-Annual Monitoring Event*, is accurate pursuant to the requirements of 40 CFR §257.94(e)(2).



Todd H. Rees, PE
Georgia Registered Professional Engineer No. 047845

1.0 INTRODUCTION

This alternate source demonstration (ASD) has been prepared on behalf of Georgia Power Company (Georgia Power) by Golder Associates USA Inc., a member of WSP (WSP Golder), in accordance with 40 CFR § 257.94(e)(2) of the Federal Coal Combustion Residuals (CCR) Rule and § 391-3-4-.14(23)(c) of the Georgia (GA) Solid Waste Management Rules to address the statistically significant increases (SSIs) of constituents over background concentrations.

These SSIs were reported in the *2022 Semi-Annual Groundwater Monitoring and Corrective Action Report* dated August 31, 2022, for the February 2022 semi-annual groundwater sampling event at Georgia Power's Plant Scherer (Scherer) Cell 1 and Powdered Activated Carbon (PAC) Ash Cell (Golder, 2022). Within 90 days of the reported SSIs in compliance with 391-3-.14, this report describes an alternate source for the reported SSIs and demonstrates that the SSIs are not the result of a release from Cell 1 or PAC Ash Cell, but rather due to natural variability in groundwater chemistry.

Semi-annual groundwater quality monitoring and reporting for the landfill units at Plant Scherer are performed in accordance with the Solid Waste Permit 102-009D(LI); and the *Groundwater Monitoring Plan Narrative of the Design & Operations Plan for Georgia Power Company's, Plant Scherer CCB Disposal Facility*, prepared by Southern Company Generation Engineering and Construction Services, February 26, 2010 and the CCR Rule 40 CFR § 257.90-98. The following sections address the statistical exceedances noted following the 2022 first semi-annual monitoring event and provides evidence that demonstrates an alternate source for these exceedances.

2.0 SITE DESCRIPTION

Plant Scherer is a coal-fired power generation facility located in northeast Monroe County approximately 5 miles south of Juliette, GA. The property occupies approximately 13,000 acres and is bounded on the south by Lake Juliette. The plant is primarily surrounded by agricultural and residential use. Figure 1 depicts the location of Plant Scherer relative to the surrounding area.

The Plant Scherer Landfill consists of a two active cells, namely, Cell 1 and PAC Ash Cell (Figure 1). The two active cells have been utilized since 2011 for the disposal of CCR. Figure 2, depicts the general configuration of the Cell 1 and site monitoring wells along with the potentiometric surface from February 2022.

The site is located within the Piedmont Physiographic Province of central Georgia, which is characterized by gently rolling hills and narrow valleys, with locally pronounced linear ridges (Golder, 2021a). Overall, the property slopes gently south towards Lake Juliette and east toward the Ocmulgee River (Figure 1). The landfill is situated east/southeast of the ash pond which is in a topographically high area on the property. The landfill cells have a geosynthetic clay liner and a geomembrane, and a leachate collection and removal system.

3.0 EVALUATION OF ANALYTICAL RESULTS & STATISTICAL ANALYSES

As presented in the 2022 *Semi-Annual Groundwater Monitoring and Corrective Action Report*, analytical results show that concentrations of target constituents are below the established prediction limits (PLs) in groundwater samples collected during the February 2022 sampling event with exception of barium and sulfate at GWC-4 and calcium at GWC-8A. Verification samples to confirm barium and sulfate concentrations at GWC-4 were collected May 12, 2022, and statistical exceedance were confirmed. Table 1 presents a summary of the February 2022 monitoring results.

An Alternate Source Demonstration (ASD) has been prepared to address the SSIs over background. Table 2 summarizes the statistical exceedances following the February 2022 sampling event, the upper PLs, and whether each statistical exceedance is verified from the previous (August/September 2021) event or an initial control limit exceedance. The SSI for calcium at well GWC-8A is a verified exceedance, whereas the SSI for sulfate at well GWC-4 and for barium at well GWC-4 is an initial exceedance.

3.1 Statistical Analysis Method

The selected statistical method for Cell 1 and PAC Ash Cell was developed using methodology presented in *Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance*, March 2009, USEPA 530/R-09-007 (Unified Guidance). The Sanitas groundwater statistical software was used to perform the statistical analyses. Sanitas is a decision-support software package that incorporates the statistical tests required of Subtitle C and D facilities by United States Environmental Protection Agency (USEPA) regulations and guidance as recommended in the USEPA Unified Guidance (2009) document.

During detection monitoring at the site, groundwater quality data are evaluated using a two-step statistical approach (i.e., intrawell followed by interwell PLs). The statistical method(s) use an optional 1-of-2 verification resample plan. An initial exceedance occurs when any downgradient well data exceed both intra- and inter-well PLs.

4.0 ALTERNATE SOURCE DEMONSTRATION

In accordance with Rule and § 391-3-4-.14(23)(c) and 40 CFR § 257.94(e)(2), the following discussion provides a demonstration that the SSIs identified following the February 2022 sampling event are not the result of a release from Cell 1 or the PAC Ash Cell.

4.1 Calcium (GWC-8A)

An ASD for calcium at GWC-8A was previously submitted (Golder, 2021b). The concentration of calcium at GWC-8A for the February 2022 event is similar to historical concentrations as shown in Figure 3; therefore, the previously submitted ASD is still applicable. The calcium concentration at GWC-8A for the February 2022 sampling event is 49 milligrams per liter (mg/L), which is slightly above the upper prediction limit (UPL) of 45.47 mg/L. During the subsequent sampling event in August 2022, calcium at GWC-8A was reported at 39 mg/L which is below the PL (Figure 3a). As shown on Figure 3b, an inverse relationship is observed between calcium and sulfate. This further substantiates that natural variability is the source of the observed calcium concentrations in groundwater at the site, as impacts from Cell 1 would demonstrate a calcium sulfate (gypsum) chemistry. General chemistry at GWC-8A compared to upgradient groundwater monitoring wells is shown on a piper trilinear diagram presented as Figure 4. Review of the piper diagram shows that GWC-8A plots consistent with upgradient groundwater quality and does not suggest influence of another source (i.e., Cell 1). The variations in

calcium in groundwater at GWC-8A are due to natural variations in groundwater quality related to mineral saturation and solubility.

4.2 Barium and Sulfate (GWC-4)

The concentration of barium at GWC-4 for the February 2022 event is similar to historical concentrations as shown in Figure 5. The barium concentration at GWC-4 for the February 2022 sampling event is 0.055 mg/L, which is slightly above PL of 0.051 mg/L. A subsequent sample taken in May 2022 has the concentration of barium at 0.060 mg/L while the August 2022 concentration decreased to 0.054 mg/L. The variations in barium in groundwater at GWC-4 are due to natural variations in groundwater quality related to mineral saturation and solubility. Barium concentrations at well GWC-4 are comparable to the reported range of barium concentrations (0.02 to 0.12 mg/L) in the crystalline rock aquifers of the Piedmont. Naturally-occurring minerals such as barite are fairly common in the Piedmont and barite is easily dissolved under most geochemical conditions (USGS, 2013).

The sulfate concentration at GWC-4 for the February 2022 sampling event is 20 mg/L, and for the May 2022 resample it is 33 mg/L. Subsequent sampling during August 2022 reported a concentration of 19 mg/L. Each of these concentrations are above the PL (6.29 mg/L). Figure 6 shows a time line trend of sulfate concentrations at GWC-4 as well as site wide sulfate concentrations. While the February 2022 concentration are elevated compared to historical values, the recent reported concentration (19 mg/L) is within the range observed across the site and is within range (12 - 29 mg/L) for fractured bedrock aquifers in the Piedmont of southeastern US (USGS, 2013). General chemistry at GWC-4 compared to upgradient groundwater monitoring wells is shown on a piper trilinear diagram presented as Figure 7. Review of the piper diagram shows that GWC-4 plots consistent with upgradient groundwater quality and does not suggest influence of another source (i.e., Cell 1).

Boron and chloride and primary indicator parameters in groundwater flow through CCR units (e.g. Ruhl 2014). Boron is not present at GWC-4 above the method detection limit (<0.060 mg/L, Figure 8a) throughout the monitored history and chloride concentrations at GWC-4 are stable and do not indicate any trend (Figure 8b). If the SSIs of barium or sulfate were due to a release from the landfill we would expect to see an increase in multiple indicator parameters, notably boron and chloride, which is not observed. The increase in barium and sulfate concentrations at GWC-4 are attributed to natural variations in groundwater chemistry.

5.0 CONCLUSIONS

This ASD has been prepared in response to apparent statistical exceedances presented in the *2022 Semi-Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell, Permit No. 102.009D(LI)*, dated August 31, 2022. In accordance with 40 CFR § 257.94(e)(2) and §391-3-4-.14.(23)(c) of the GA Solid Waste Management Rules, this ASD along with the previously submitted ASD for calcium at GWC-8A (Golder, 2021b) addresses each of the SSIs noted following the August 2022 sampling event.

Based on the data presented herein, SSIs from the August 2022 monitoring event are not the result of a release from the lined landfill unit, but rather natural variability in groundwater quality. The lines of evidence include:

- The reported concentrations of calcium, barium and sulfate are within the range of concentrations expected in the regolith – fractured bedrock aquifers in samples from the Piedmont of southeastern US (USGS, 2009; USGS, 2013).

- The chemical composition of groundwater in well GWC-8A is similar to upgradient groundwater (Figure 4). As such, calcium concentrations in groundwater in GWC-8A are controlled by the natural mineral content in the aquifer materials and not a result of a release from Cell 1.
- Based on the August 2022 sample results, the concentration of calcium at GWC-8A does not represent confirmed SSIs.
- Calcium and sulfate have an inverse relationship in GWC-8A (Figure 3b) that is not representative of a release from Cell 1. Further a downward trend for sulfate is present at monitoring well GWC-8A.
- Based on major relative ion abundance (Figure 7), groundwater from GWC-4 is similar to upgradient well results and does not appear to suggest a release from the landfill unit.
- Boron, a primary indicator parameter for CCR, is not present above the method detection limit (<0.060 mg/L) at GWC-4. Barium and sulfate represent the only SSIs for GWC-4; no other primary indicator parameters for CCR exceed the prediction limits at well GWC-4.

Based on the findings presented herein, Georgia Power will continue with detection groundwater monitoring at Cell 1 and PAC Ash Cell. A copy of this ASD will be included with the forthcoming Annual report.

6.0 REFERENCES

Golder, 2021. *Alternate Source Demonstration*, Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell, Permit No. 102.009D(LI), First Semi-Annual 2022 Monitoring Event, Golder Associates Inc., January 31, 2021.

Golder, 2022a. *Hydrogeologic Assessment Report, Plant Scherer Ash Pond 1*, Golder Associates Inc., August 2022.

Golder, 2022b. *2022 Semi-Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Plant Scherer Cell 1 and PAC Ash Cello*, Permit No. 102.009D(LI), Golder Associates USA Inc., August 31, 2022.

Ruhl, 2014, Boron and Strontium Isotopic Characterization of Coal Combustion Residuals: Validation of New Environmental Tracers, *Environ. Sci. Technol.* 2014, 48, 24, 14790-14798, Laura S. Ruhl, Gary S. Dwyer, Heileen Hsu-KiJames C. Hower, and Avner Vengosh, November 24, 2014

USEPA, 2009, *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance*. Office of Resource Conservation and Recovery – Program Implementation and Information Division, March 2009.

USGS, 2009. *Characterization of Groundwater Quality Based on Regional Geologic Setting in the Piedmont and Blue Ridge Physiographic Provinces, North Carolina*, Scientific Investigations Report 2009-5149, 2009.

USGS, 2013. *Natural Occurring Contaminants in the Piedmont and Blue Ridge Crystalline-Rock Aquifers and Piedmont Early Mesozoic Basin Siliciclastic-Rock Aquifers, Eastern United States, 1994-2008*, Scientific Investigations Report 2013-5072, 2013.

Tables & Figures

TABLE 1
ANALYTICAL DATA SUMMARY - CELL 1- FEBRUARY 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	GROUNDWATER MONITORING WELLS											
		GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
		2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022
APPENDIX III													
BORON, TOTAL	mg/L	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	0.19	< 0.060	< 0.060	0.13	0.070 J
CALCIUM, TOTAL	mg/L	3.6	10	7.1	16	16	6.0	15	36	15	13	49	16
CHLORIDE, TOTAL	mg/L	6.5	1.6	1.4	4.0	2.2	2.7	11	16	6.1	2.7	9.1	3.7
FLUORIDE, TOTAL	mg/L	0.054 J	0.079 J	0.083 J	0.12 / 0.048 J*	0.072 J	0.092 J	0.13	0.16 / 0.03 J*	0.095 J	0.083 J	0.096 J	0.096 J
pH	S.U.	5.40	6.46	6.20	6.83 / 6.55*	6.61	5.87	6.37 / 6.19 *	6.16 / 5.99*	6.10	6.22	6.34	6.61
SULFATE, TOTAL	mg/L	2.6	< 0.76	< 0.76	1.5	0.79 J	0.91 J	20 / 33*	100	13	< 0.76	11	7.2
TOTAL DISSOLVED SOLIDS	mg/L	42	99	79	120	120	53	140	290	140	140	330	140
STATE PARAMETERS													
ANTIMONY, TOTAL	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
ARSENIC, TOTAL	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	0.00047 J	< 0.00028
BARIUM, TOTAL	mg/L	0.012	0.024	0.031	0.052	0.048	0.013	0.055 / 0.060*	0.038	0.057	0.035	0.048	0.023
BERYLLIUM, TOTAL	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	< 0.0015	0.0056	0.0084	0.011	0.011	0.0076	0.0041	0.0061	0.0046	0.0088	< 0.0015	0.0079
COBALT, TOTAL	mg/L	0.0029	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	0.0037	< 0.00026
COPPER, TOTAL	mg/L	< 0.0011	< 0.0011	< 0.0011	0.0013 J	0.0013 J	0.0013 J	0.0011 J	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
LEAD, TOTAL	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
NICKEL, TOTAL	mg/L	0.00065 J	< 0.00052	< 0.00052	0.00052 J	0.0018	0.0013	0.00076 J	0.0010	0.00089 J	< 0.00052	0.0055	< 0.00052
SELENIUM, TOTAL	mg/L	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	0.0013 J	0.0058	< 0.00074	< 0.00074	< 0.00074	< 0.00074
SILVER, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
THALLIUM, TOTAL	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
VANADIUM, TOTAL	mg/L	< 0.00078	0.0077	0.0052	0.018	0.016	0.0064	0.0059	0.0026	0.0094	0.013	0.00079 J	0.017
ZINC, TOTAL	mg/L	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	0.0034 J	< 0.0029	0.0037 J	< 0.0029	< 0.0029

- NOTES:**
1. mg/L - Milligrams per Liter; SU - Standard Units.
 2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the MDL.
 3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
 - 4 * indicates the analyte was resampled on May 12, 2022. Both the February and May 2022 sample results are shown.

TABLE 1
ANALYTICAL DATA SUMMARY - CELL 1- FEBRUARY 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	GROUNDWATER MONITORING WELLS							
		GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
		2/15/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022
APPENDIX III									
BORON, TOTAL	mg/L	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
CALCIUM, TOTAL	mg/L	17	12	1.1	6.7	6.3	9.7	15	13
CHLORIDE, TOTAL	mg/L	4.6	1.7	1.9	1.5	3.2	2.7	2.4	2.0
FLUORIDE, TOTAL	mg/L	0.099 J	< 0.026	< 0.026	< 0.026	< 0.026	0.034 J	0.028 J	< 0.026
pH	S.U.	6.48 / 6.31	6.16	5.11	5.79	5.60	6.54 / 6.39*	6.47	6.71 / 6.52*
SULFATE, TOTAL	mg/L	3.5 / 2.7*	< 0.76	< 0.76	< 0.76	< 0.76	< 0.76	< 0.76	< 0.76
TOTAL DISSOLVED SO	mg/L	150	79	16	55	46	70	110	110
STATE PARAMETERS									
ANTIMONY, TOTAL	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
ARSENIC, TOTAL	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
BARIUM, TOTAL	mg/L	0.036	0.018	0.018	0.035	0.011	0.034	0.027	0.030
BERYLLIUM, TOTAL	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	0.021	0.0074	< 0.0015	0.0050	< 0.0015	0.012	0.011	0.0081
COBALT, TOTAL	mg/L	< 0.00026	< 0.00026	0.00033 J	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
COPPER, TOTAL	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
LEAD, TOTAL	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	0.00015 J
NICKEL, TOTAL	mg/L	0.0022	0.00070 J	0.00076 J	< 0.00052	< 0.00052	< 0.00052	< 0.00052	0.00055 J
SELENIUM, TOTAL	mg/L	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
SILVER, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
THALLIUM, TOTAL	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
VANADIUM, TOTAL	mg/L	0.012	0.0099	< 0.00078	0.0011	0.00091 J	0.0066	0.0068	0.018
ZINC, TOTAL	mg/L	< 0.0029	0.0034 J	0.0032 J	0.0040 J	< 0.0029	< 0.0029	< 0.0029	< 0.0029

NOTES:

1. mg/L - Milligrams per Liter; SU - Standard Units.
2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the MDL.
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
- 4 * indicates the analyte was resampled on May 12, 2022. Both the February and May 2022 sample results are shown.

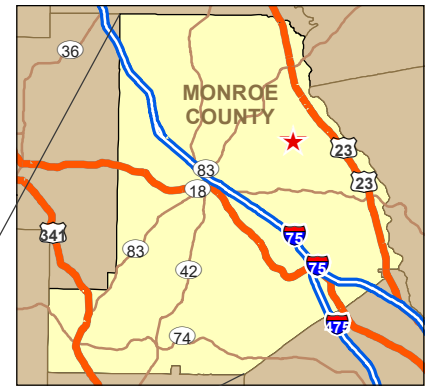
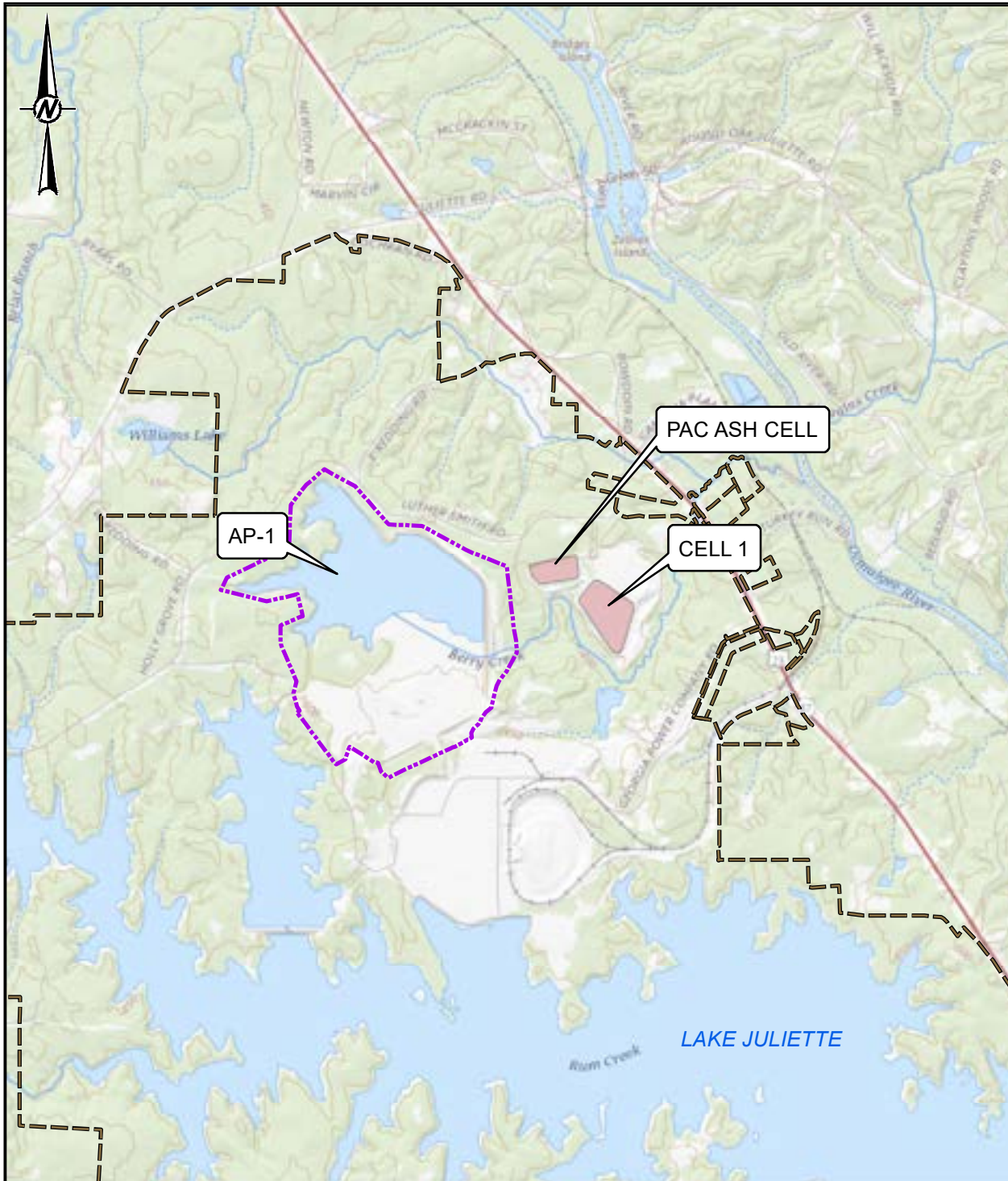
TABLE 2
SUMMARY OF STATISTICALLY SIGNIFICANT INCREASES - FEBRUARY 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

WELL ID	CONSTITUENT	Concentration (February 2022)	Intrawell Prediction Limit	Interwell Prediction Limit	SSI (Initial / Verified)	ASD Previously Submitted
		mg/L	mg/L	mg/L		
CELL 1						
GWC-8A	Calcium	49	45.47	14	Initial	YES ^[1]
GWC-4	Barium	0.055	0.05378	0.051	Initial	No
GWC-4	Sulfate	20	6.288	3.1	Initial	No

Notes:

[1] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2021 First Semi-Annual Monitoring Event, November 19, 2021 (Golder, 2021b).

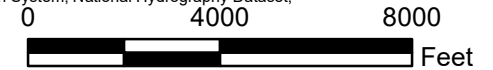
During the subsequent sampling event in August 2022, calcium at GWC-8A was reported at 39 mg/L which is below the PL (Figure 3a).



LEGEND

- PROPERTY BOUNDARY
- AP-1 PERMIT BOUNDARY

Service Layer Credits: USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset,



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER
 JULIETTE, GEORGIA



PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 PLANT SCHERER - CELL 1 AND PAC ASH CELL PERMIT NO
 102.009D(LI) 2022 FIRST SEMI-ANNUAL EVENT

TITLE
SITE LOCATION MAP

CONSULTANT



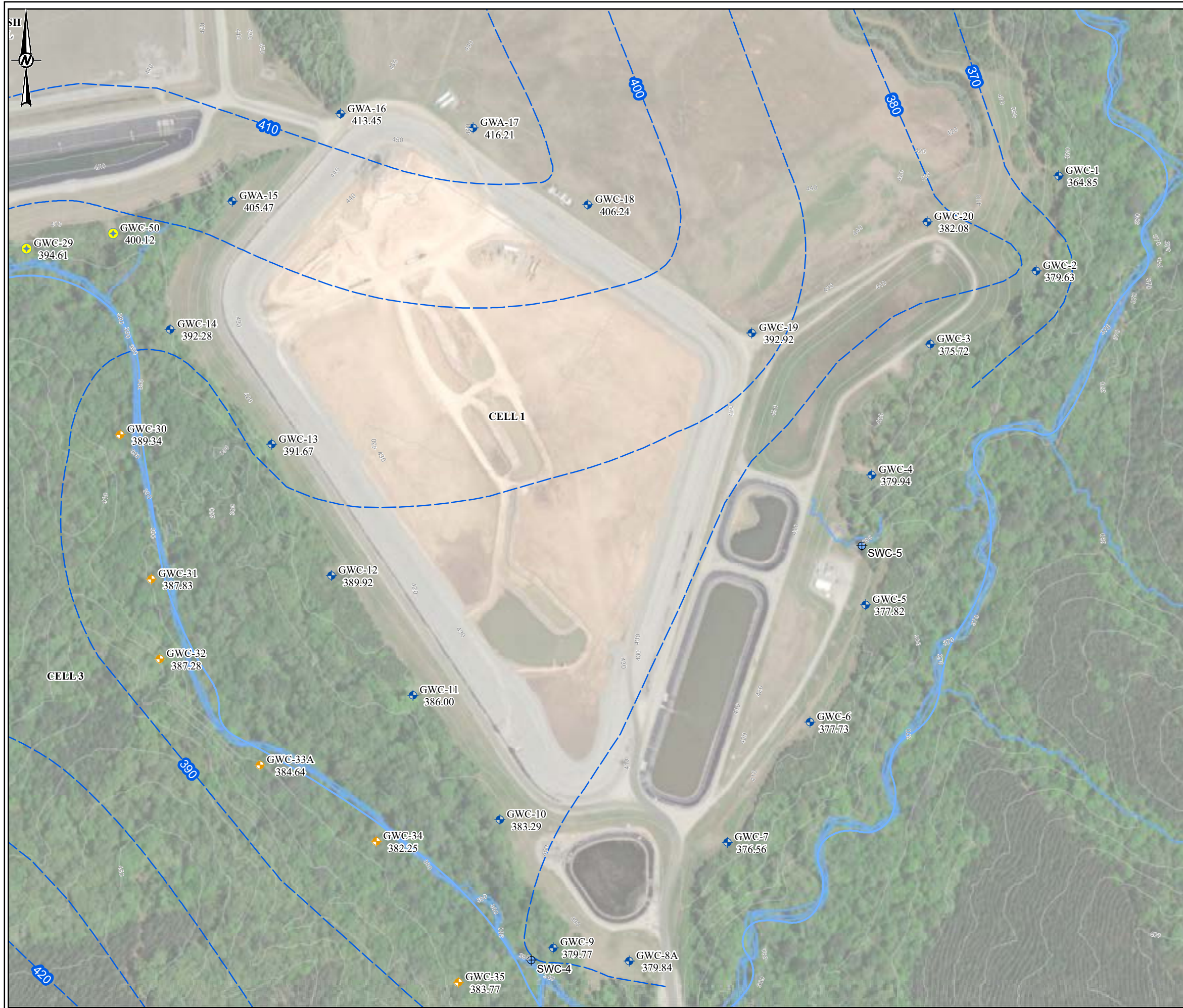
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PREPARED	DJC
DESIGN	DJC
CHECKED	DLP
REVIEWED/APPROVED	RPK

PROJECT No.
 166235021

CONTROL
 166235021AE000-GIS.mxd

Rev.
 0

FIGURE
 1




- LEGEND**
- ◆ CELL 1 LANDFILL MONITORING WELL
 - ◆ CELL 3 LANDFILL MONITORING WELL
 - ◆ PAC ASH LANDFILL MONITORING WELL
 - ⊕ SURFACE WATER SAMPLING LOCATION
 - INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
 - STREAM
 - PROPERTY BOUNDARY
 - PONDS

- NOTES**
1. GROUNDWATER ELEVATION MEASUREMENTS OBTAINED FEBRUARY 8, 2021 BY GOLDER ASSOCIATES.
 2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN

- REFERENCE**
1. COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).
 2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.




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 PLANT SCHERER
 JULIETTE, GEORGIA



PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 PLANT SCHERER - CELL 1 AND PAC ASH CELL PERMIT NO
 102.009D(LI) 2022 FIRST SEMI-ANNUAL EVENT

TITLE
POTENTIOMETRIC SURFACE MAP - CELL 1 FEBRUARY 8, 2022

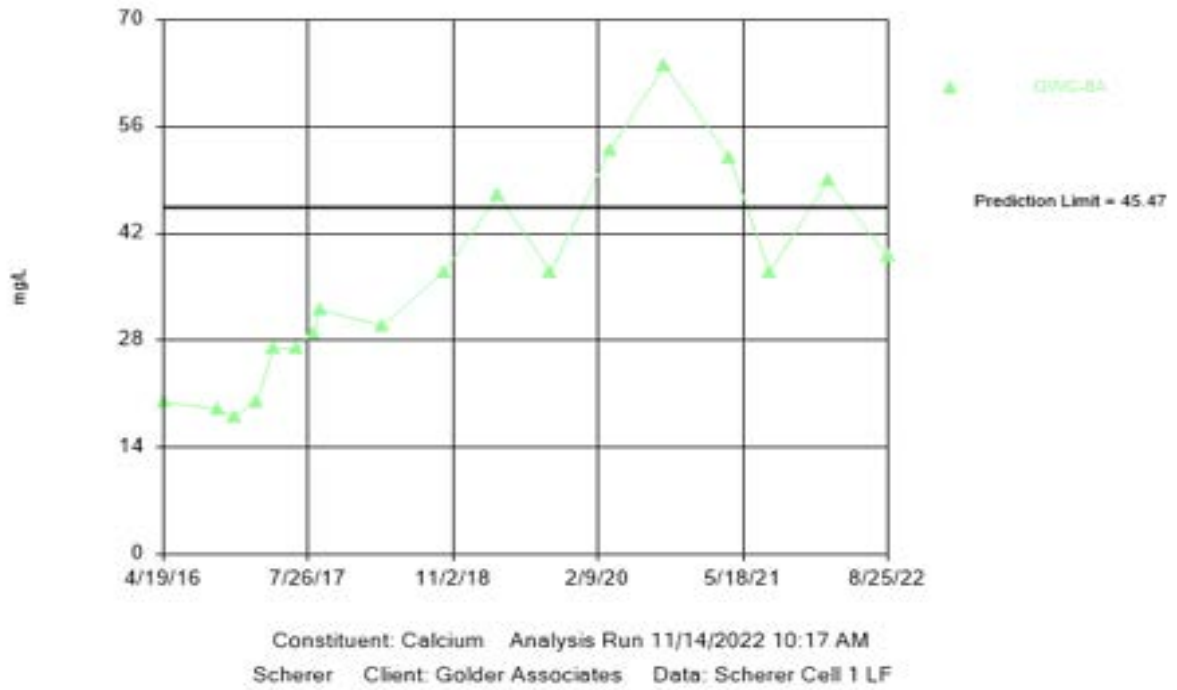
CONSULTANT	YYYY-MM-DD	2022-02-22
	PREPARED	DJC
	DESIGN	DLP
	REVIEW	DLP
	APPROVED	RPK

PROJECT No. GL166235021 CONTROL GL166235021A003-GIS.mxd Rev. 0 FIGURE 2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM ANS/B

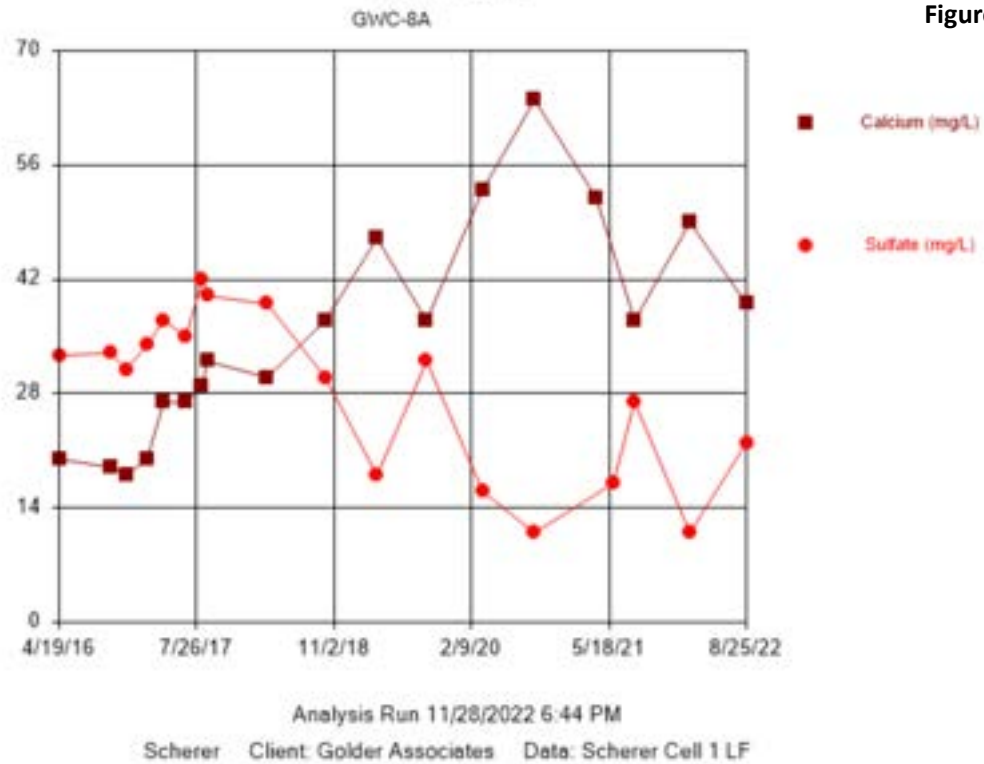
Time Series

Figure 3a



Time Series

Figure 3b



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PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO. 102.009D(LI)
 2022 FIRST SEMI-ANNUAL EVENT

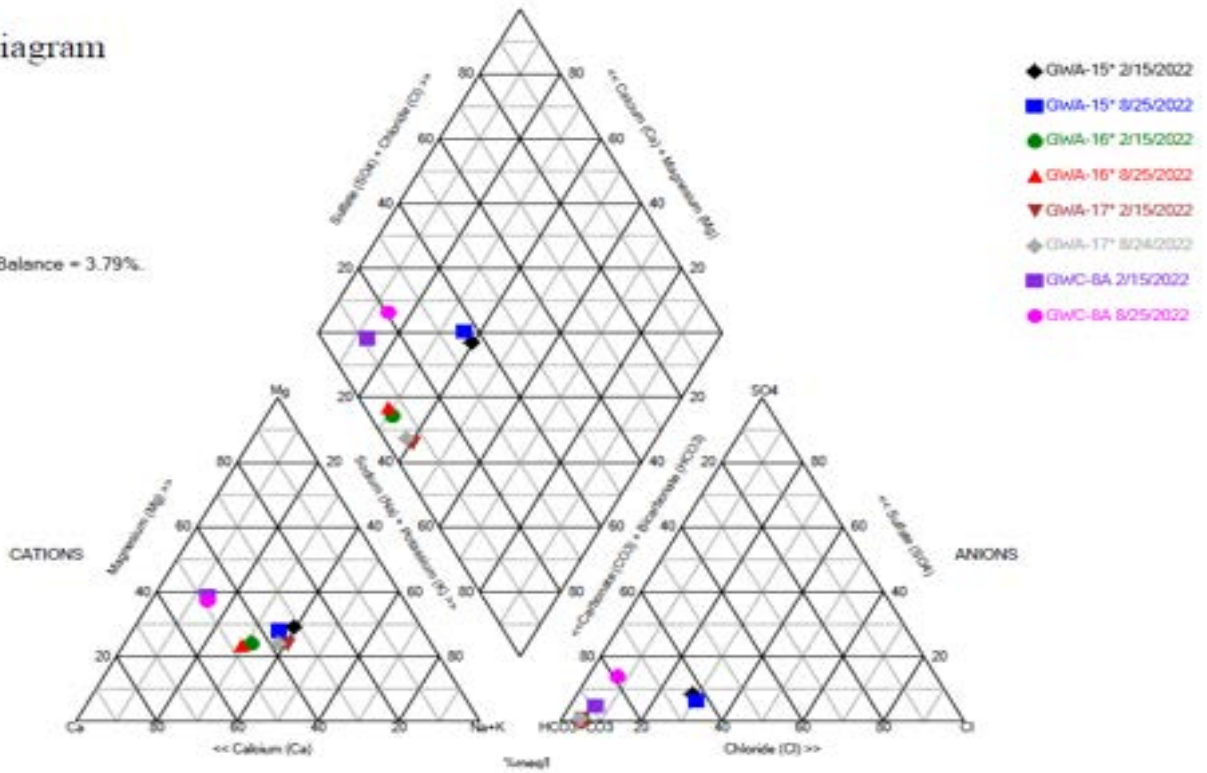
CONSULTANT

TITLE
CALCIUM IN GROUNDWATER AT GWC-8A



Piper Diagram

Cation-Anion Balance = 3.79%



Analysis Run 11/14/2022 11:42 AM

Scherer Client: Golder Associates Data: Scherer Cell 1 LF

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PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 PLANT SCHERER - CELL 1 AND PAC ASH CELL PERMIT NO 102.009D(LI)
 2022 FIRST SEMI-ANNUAL EVENT

TITLE
**GWC-8A AND UPGRADIENT GROUNDWATER CHEMISTRY
 PIPER TRILINEAR DIAGRAM**

PROJECT NO.
 gl166235021

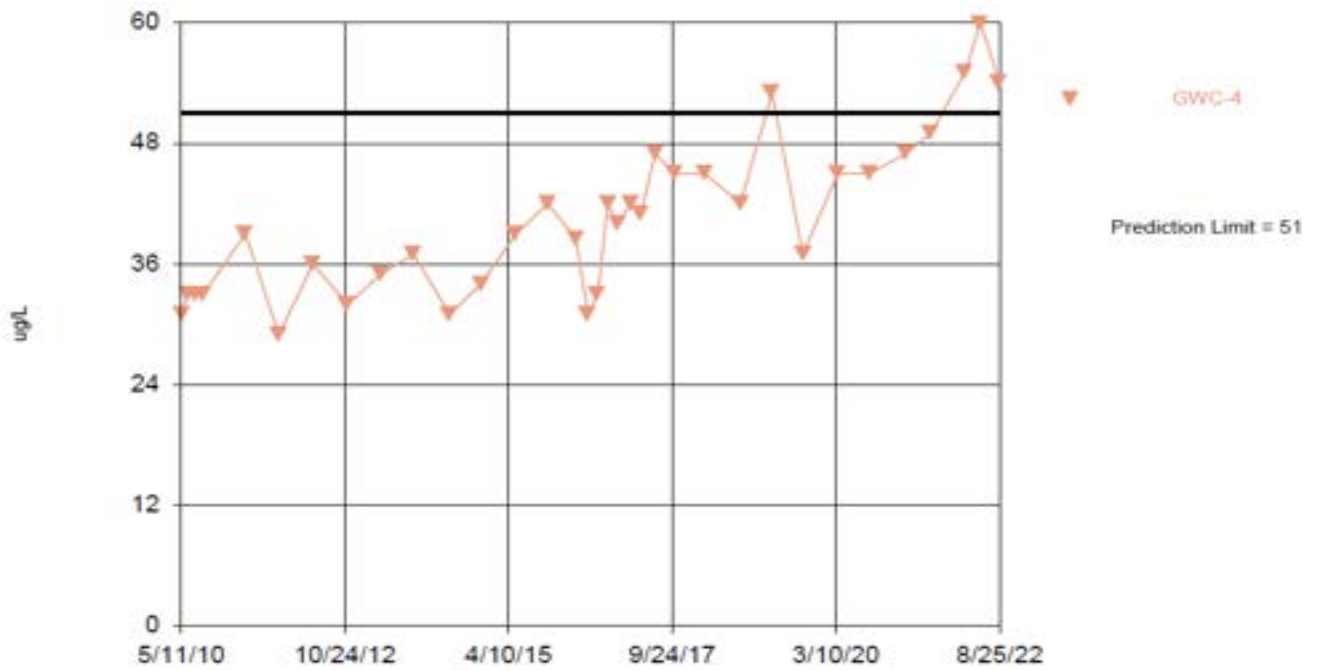
PHASE
 200-06

REV.
 A

FIGURE
 4

Sanitas™ v.9.6.35 For the statistical analysis of ground water by Golder Associates only. UG

Time Series



Constituent: Barium, Total Analysis Run 11/14/2022 1:33 PM
Scherer Client: Golder Associates Data: Scherer Cell 1 LF

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER

CONSULTANT



PROJECT
ALTERNATE SOURCE DEMONSTRATION
PLANT SCHERER - CELL 1 AND PAC ASH CELL PERMIT NO 102.009D(LI)
2022 FIRST SEMI-ANNUAL EVENT

TITLE
BARIUM IN GROUNDWATER AT GWC-4

PROJECT NO.
gl166235021

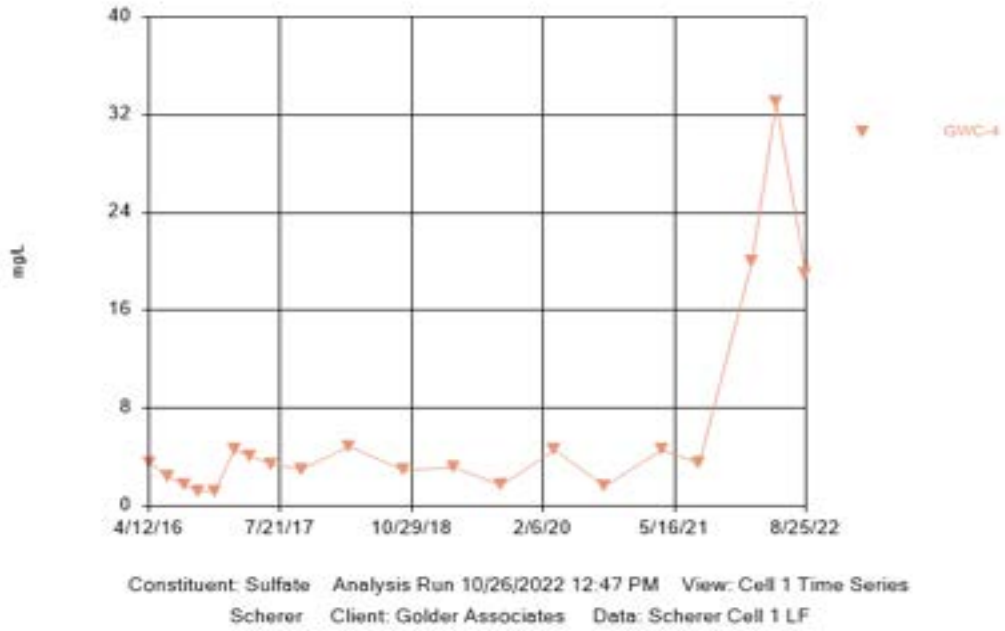
PHASE
200-06

REV.
A

FIGURE
5

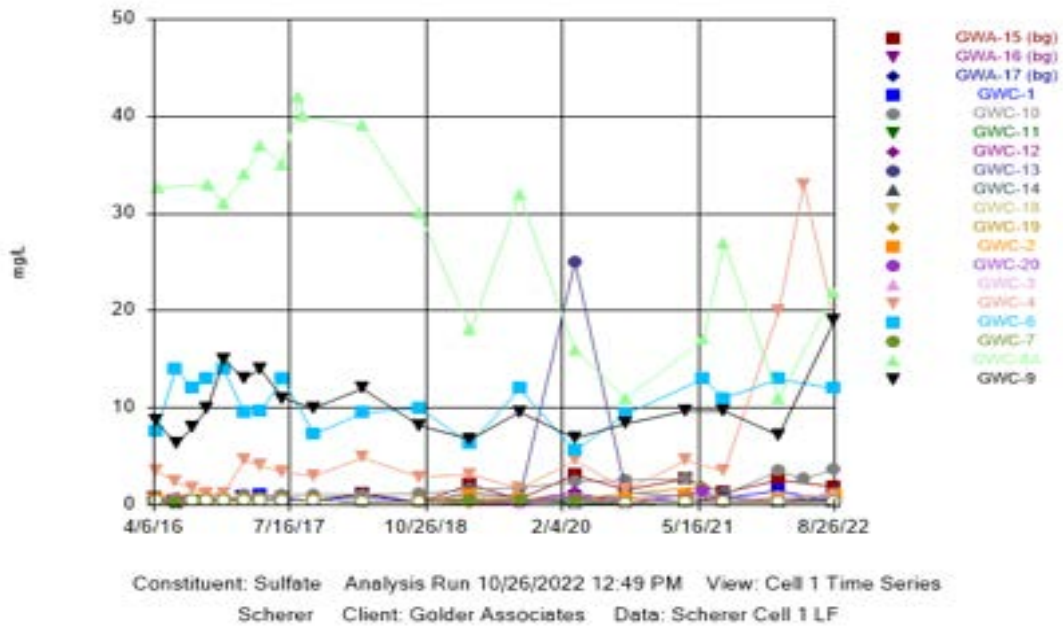
Sulfate (mg/L) at GWC-4

Figure 6a



Sulfate (mg/L) at Cell 1 Monitoring Wells

Figure 6b



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 GEORGIA POWER COMPANY
 PLANT SCHERER

CONSULTANT

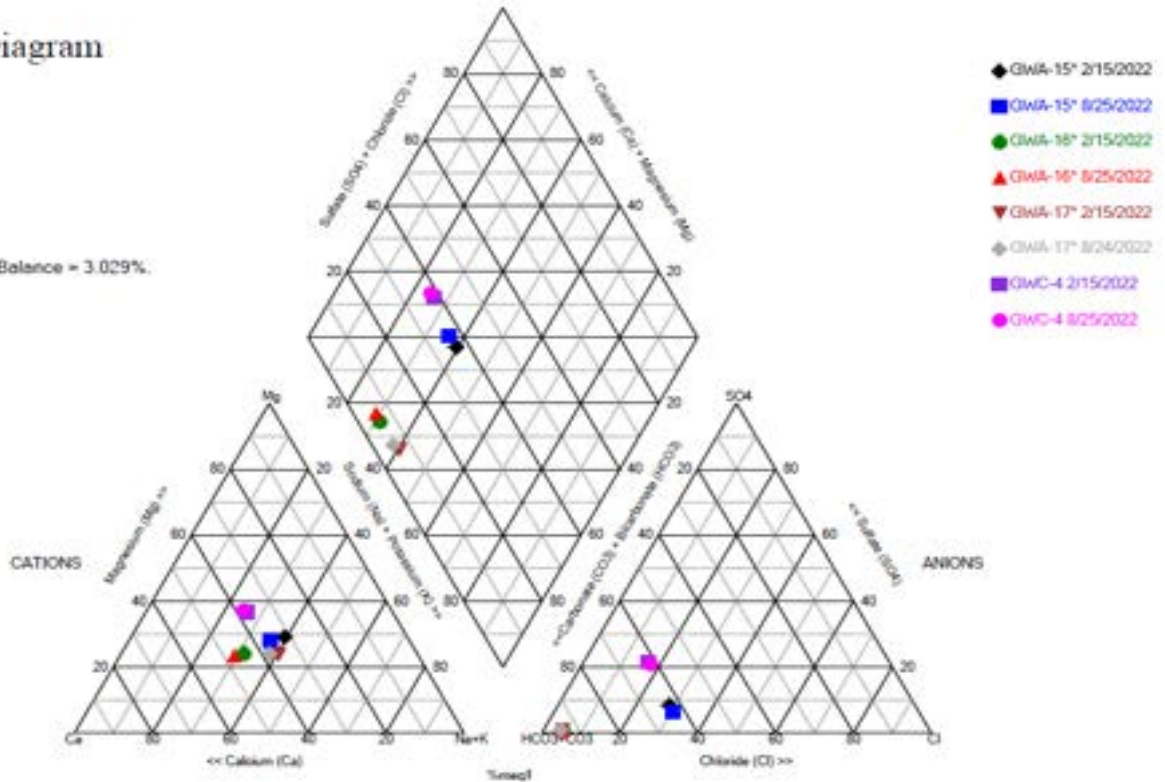
PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO. 102.009D(LI)
 2022 FIRST SEMI-ANNUAL EVENT

TITLE
SULFATE IN GROUNDWATER AT GWC-4



Piper Diagram

Cation-Anion Balance = 3.029%



Analysis Run 11/14/2022 10:34 AM

Scherer Client: Golder Associates Data: Scherer Cell 1 LF

CLIENT
 GEORGIA POWER COMPANY
 PLANT SCHERER

CONSULTANT



PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 PLANT SCHERER - CELL 1 AND PAC ASH CELL PERMIT NO 102.009D(LI)
 2022 FIRST SEMI-ANNUAL EVENT

TITLE
**GWC-4 AND UPGRADIENT GROUNDWATER CHEMISTRY
 PIPER TRILINEAR DIAGRAM**

PROJECT NO.
 gl166235021

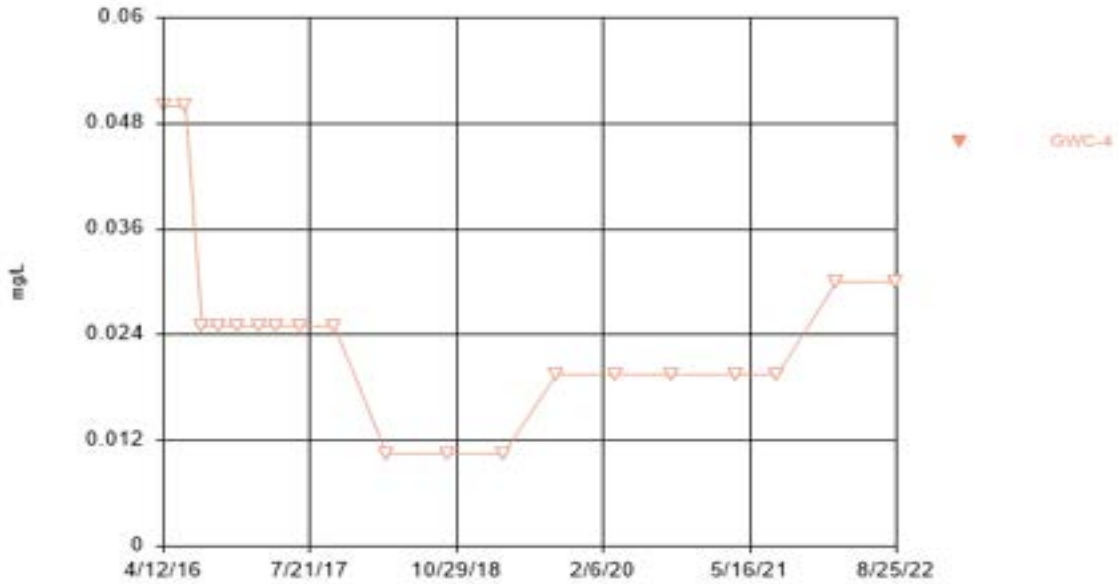
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FIGURE
 7

Boron (mg/L) at GWC-4

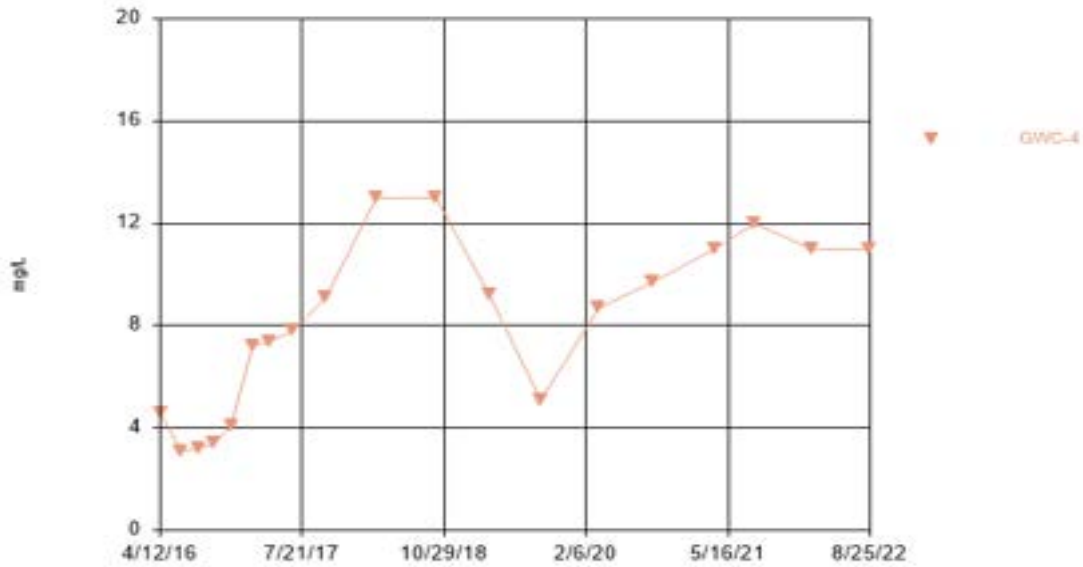
Figure 8a



Constituent: Boron Analysis Run 10/26/2022 2:48 PM View: Cell 1 Time Series
 Scherer Client: Golder Associates Data: Scherer Cell 1 LF

Chloride (mg/L) at GWC-4

Figure 8b



Constituent: Chloride Analysis Run 10/26/2022 2:43 PM View: Cell 1 Time Series
 Scherer Client: Golder Associates Data: Scherer Cell 1 LF

CLIENT
 GEORGIA POWER COMPANY
 PLANT SCHERER

CONSULTANT

PROJECT
 ALTERNATE SOURCE DEMONSTRATION
 CELL 1 AND PAC ASH CELL PERMIT NO. 102.009D(LI)
 2022 FIRST SEMI-ANNUAL EVENT

TITLE
 BORON AND CHLORIDE IN GROUNDWATER AT GWC-4



APPENDIX

ANALYTICAL DATA REPORTS

ANALYTICAL REPORT

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-220259-1

Client Project/Site: CCR - Plant Scherer Cell 1

For:

Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
10/17/2022 4:31:00 PM

David Fuller, Project Manager
(770)344-8986

David.Fuller@et.eurofinsus.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^6+	Interference Check Standard (ICSA and/or ICSAB) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
*+	LCS and/or LCSDB is outside acceptance limits, high biased.
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Savannah

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-220259-1	GWA-17	Water	08/24/22 16:45	08/26/22 09:00
680-220259-2	GWC-1	Water	08/24/22 15:49	08/26/22 09:00
680-220259-3	DUP-4	Water	08/24/22 00:00	08/26/22 09:00
680-220282-1	GWC-3	Water	08/25/22 14:00	08/27/22 09:00
680-220282-2	GWC-4	Water	08/25/22 10:45	08/27/22 09:00
680-220282-3	GWC-5	Water	08/25/22 09:07	08/27/22 09:00
680-220282-4	GWC-6	Water	08/25/22 10:14	08/27/22 09:00
680-220282-5	GWC-7	Water	08/25/22 11:07	08/27/22 09:00
680-220282-6	GWC-8A	Water	08/25/22 12:34	08/27/22 09:00
680-220282-7	GWC-9	Water	08/25/22 13:38	08/27/22 09:00
680-220282-8	GWC-10	Water	08/25/22 09:35	08/27/22 09:00
680-220282-9	GWC-11	Water	08/25/22 15:41	08/27/22 09:00
680-220282-10	GWA-15	Water	08/25/22 15:08	08/27/22 09:00
680-220282-11	GWA-16	Water	08/25/22 13:40	08/27/22 09:00
680-220282-12	GWC-18	Water	08/25/22 11:57	08/27/22 09:00
680-220282-13	GWC-19	Water	08/25/22 09:09	08/27/22 09:00
680-220282-14	GWC-20	Water	08/25/22 10:43	08/27/22 09:00
680-220282-15	FB-4	Water	08/25/22 09:22	08/27/22 09:00
680-220282-16	EB-4	Water	08/25/22 09:30	08/27/22 09:00
680-220282-17	FB-5	Water	08/25/22 15:18	08/27/22 09:00
680-220282-18	DUP-5	Water	08/25/22 00:00	08/27/22 09:00
680-220286-1	GWC-2	Water	08/26/22 08:56	08/27/22 09:00
680-220286-2	GWC-12	Water	08/26/22 09:51	08/27/22 09:00
680-220286-3	GWC-13	Water	08/26/22 08:45	08/27/22 09:00
680-220286-4	GWC-14	Water	08/26/22 09:25	08/27/22 09:00
680-220286-5	EB-5	Water	08/26/22 09:40	08/27/22 09:00

Case Narrative

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Job ID: 680-220259-1

Laboratory: Eurofins Savannah

Narrative

Job Narrative 680-220259-1

Receipt

The samples were received on 8/26/2022 9:00 AM and 8/27/2022 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 0.4°C, 0.5°C, 1.6°C, 2.4°C, 2.7°C, 2.7°C, 2.9°C, 5.7°C and 5.8°C

HPLC/IC

Method 300_ORGFM_28D: The method blank for analytical batch 180-410671 contained Fluoride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6020B: The continuing calibration verification (CCV) associated with batch 180-412385 recovered above the upper control limit for antimony. The samples associated with this CCV were non-detects/batch QC for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 180-412385/151) and (LCS 180-412195/2-A).

Method 6020B: The continuing calibration verification (CCV) associated with batch 180-412391 recovered above the upper control limit for boron. The samples associated with this CCV were batch QC for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 180-412391/86), (180-143834-J-1-C MSD) and (180-143834-J-1-A PDS).

Method 6020B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 180-412195 and analytical batch 180-412385 were outside control limits for multiple analytes. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2320B: The following samples were analyzed outside of analytical holding time due to mechanical and technical difficulties GWA-17 (680-220259-1), GWC-1 (680-220259-2), DUP-4 (680-220259-3), GWC-2 (680-220286-1), GWC-13 (680-220286-3), GWC-14 (680-220286-4) and EB-5 (680-220286-5).

Method 2320B: The lower laboratory control sample (LLCS) for analytical batch 180-411525 recovered outside control limits for the following analytes: Alkalinity . These analytes were biased high in the LLCS. All samples associated with this LLCS were either ND or contained results greater than 20 mg/L ; therefore, re-analysis of samples was not performed.

Method 2540C_Calcd: Reanalysis of the following sample was performed outside of the analytical holding time due to conductivity being too different compared to the Total Dissolved Solids (TDS) : EB-4 (680-220282-16).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWA-17

Lab Sample ID: 680-220259-1

Date Collected: 08/24/22 16:45

Matrix: Water

Date Received: 08/26/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.71	mg/L			09/01/22 08:15	1
Fluoride	0.047	J B	0.10	0.026	mg/L			09/01/22 08:15	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 08:15	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 17:47	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 17:47	1
Barium	0.031		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 17:47	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 17:47	1
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 13:45	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 17:47	1
Calcium	8.9		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 17:47	1
Chromium	0.0076		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 17:47	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 17:47	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 17:47	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 17:47	1
Magnesium	3.4		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 17:47	1
Nickel	0.00082	J B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 17:47	1
Potassium	1.0		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 17:47	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 17:47	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 17:47	1
Sodium	9.7		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 17:47	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 17:47	1
Vanadium	0.0051		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 17:47	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 17:47	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:53	09/13/22 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110		10	10	mg/L			08/30/22 16:47	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	54	H	10	10	mg/L			09/08/22 08:37	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	54	H	10	10	mg/L			09/08/22 08:37	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<10	H	10	10	mg/L			09/08/22 08:37	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.22				SU			08/24/22 16:45	1

Client Sample ID: GWC-1

Lab Sample ID: 680-220259-2

Date Collected: 08/24/22 15:49

Matrix: Water

Date Received: 08/26/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.6		1.0	0.71	mg/L			09/01/22 08:31	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-1

Lab Sample ID: 680-220259-2

Date Collected: 08/24/22 15:49

Matrix: Water

Date Received: 08/26/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.075	J B	0.10	0.026	mg/L			09/01/22 08:31	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 08:31	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 17:51	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 17:51	1
Barium	0.043		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 17:51	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 17:51	1
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 13:48	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 17:51	1
Calcium	17		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 17:51	1
Chromium	0.014		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 17:51	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 17:51	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 17:51	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 17:51	1
Magnesium	8.8		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 17:51	1
Nickel	0.00086	J B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 17:51	1
Potassium	0.82		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 17:51	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 17:51	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 17:51	1
Sodium	9.3		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 17:51	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 17:51	1
Vanadium	0.017		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 17:51	1
Zinc	0.0039	J	0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 17:51	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:53	09/13/22 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	160		10	10	mg/L			08/30/22 16:47	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	98	H	10	10	mg/L			09/08/22 08:37	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	98	H	10	10	mg/L			09/08/22 08:37	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<10	H	10	10	mg/L			09/08/22 08:37	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.42				SU			08/24/22 15:49	1

Client Sample ID: DUP-4

Lab Sample ID: 680-220259-3

Date Collected: 08/24/22 00:00

Matrix: Water

Date Received: 08/26/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.8		1.0	0.71	mg/L			09/01/22 08:45	1
Fluoride	0.075	J B	0.10	0.026	mg/L			09/01/22 08:45	1

Eurofins Savannah

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: DUP-4

Lab Sample ID: 680-220259-3

Date Collected: 08/24/22 00:00

Matrix: Water

Date Received: 08/26/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 08:45	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 17:54	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 17:54	1
Barium	0.044		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 17:54	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 17:54	1
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 13:51	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 17:54	1
Calcium	17		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 17:54	1
Chromium	0.014		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 17:54	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 17:54	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 17:54	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 17:54	1
Magnesium	8.7		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 17:54	1
Nickel	0.0012	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 17:54	1
Potassium	0.81		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 17:54	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 17:54	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 17:54	1
Sodium	9.2		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 17:54	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 17:54	1
Vanadium	0.017		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 17:54	1
Zinc	0.0058		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 17:54	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:53	09/13/22 15:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	150		10	10	mg/L			08/31/22 13:46	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	92	H	5.0	5.0	mg/L			09/21/22 19:35	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	92	H	5.0	5.0	mg/L			09/21/22 19:35	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/21/22 19:35	1

Client Sample ID: GWC-3

Lab Sample ID: 680-220282-1

Date Collected: 08/25/22 14:00

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.2		1.0	0.71	mg/L			09/01/22 15:37	1
Fluoride	0.059	J	0.10	0.026	mg/L			09/01/22 15:37	1
Sulfate	0.99	J	1.0	0.76	mg/L			09/01/22 15:37	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:12	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-3

Lab Sample ID: 680-220282-1

Date Collected: 08/25/22 14:00

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:12	1
Barium	0.013		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:12	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:12	1
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 14:02	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:12	1
Calcium	5.5		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:12	1
Chromium	0.0072		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:12	1
Cobalt	0.00046	J	0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:12	1
Copper	0.0013	J	0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:12	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:12	1
Magnesium	3.2		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:12	1
Nickel	0.0024	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:12	1
Potassium	0.63		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:12	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:12	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:12	1
Sodium	4.7		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:12	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:12	1
Vanadium	0.0072		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:12	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:12	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	32		5.0	5.0	mg/L			09/08/22 18:13	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	32		5.0	5.0	mg/L			09/08/22 18:13	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 18:13	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.99				SU			08/25/22 14:00	1

Client Sample ID: GWC-4

Lab Sample ID: 680-220282-2

Date Collected: 08/25/22 10:45

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.71	mg/L			09/01/22 15:51	1
Fluoride	0.077	J	0.10	0.026	mg/L			09/01/22 15:51	1
Sulfate	19		1.0	0.76	mg/L			09/01/22 15:51	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00058	J B	0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:08	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:08	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-4

Lab Sample ID: 680-220282-2

Date Collected: 08/25/22 10:45

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.054		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:08	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:08	1
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 13:59	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:08	1
Calcium	17		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:08	1
Chromium	0.0038		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:08	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:08	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:08	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:08	1
Magnesium	10		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:08	1
Nickel	0.0015	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:08	1
Potassium	1.4		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:08	1
Selenium	0.0012	J	0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:08	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:08	1
Sodium	12		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:08	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:08	1
Vanadium	0.0059		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:08	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:08	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	170		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	67		5.0	5.0	mg/L			09/08/22 19:41	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	67		5.0	5.0	mg/L			09/08/22 19:41	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 19:41	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.19				SU			08/25/22 10:45	1

Client Sample ID: GWC-5

Lab Sample ID: 680-220282-3

Date Collected: 08/25/22 09:07

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		1.0	0.71	mg/L			09/01/22 16:06	1
Fluoride	0.047	J	0.10	0.026	mg/L			09/01/22 16:06	1
Sulfate	100		1.0	0.76	mg/L			09/01/22 16:06	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:15	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:15	1
Barium	0.031		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:15	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-5

Lab Sample ID: 680-220282-3

Date Collected: 08/25/22 09:07

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:15	1
Boron	0.19	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 14:05	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:15	1
Calcium	37		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:15	1
Chromium	0.0058		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:15	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:15	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:15	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:15	1
Magnesium	19		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:15	1
Nickel	0.00071	J B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:15	1
Potassium	1.0		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:15	1
Selenium	0.0043	J	0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:15	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:15	1
Sodium	13		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:15	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:15	1
Vanadium	0.0026		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:15	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:15	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	290		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	68		5.0	5.0	mg/L			09/08/22 18:20	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	68		5.0	5.0	mg/L			09/08/22 18:20	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 18:20	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.96				SU			08/25/22 09:07	1

Client Sample ID: GWC-6

Lab Sample ID: 680-220282-4

Date Collected: 08/25/22 10:14

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.2		1.0	0.71	mg/L			09/01/22 16:21	1
Fluoride	0.058	J	0.10	0.026	mg/L			09/01/22 16:21	1
Sulfate	12		1.0	0.76	mg/L			09/01/22 16:21	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:19	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:19	1
Barium	0.055		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:19	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:19	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-6

Date Collected: 08/25/22 10:14

Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-4

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 14:08	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:19	1
Calcium	19		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:19	1
Chromium	0.0046		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:19	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:19	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:19	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:19	1
Magnesium	8.9		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:19	1
Nickel	0.0013	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:19	1
Potassium	1.6		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:19	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:19	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:19	1
Sodium	11		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:19	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:19	1
Vanadium	0.011		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:19	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:19	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	170		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	75		5.0	5.0	mg/L			09/08/22 18:07	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	75		5.0	5.0	mg/L			09/08/22 18:07	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 18:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.13				SU			08/25/22 10:14	1

Client Sample ID: GWC-7

Date Collected: 08/25/22 11:07

Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-5

Matrix: Water

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.0		1.0	0.71	mg/L			09/01/22 17:06	1
Fluoride	0.051	J	0.10	0.026	mg/L			09/01/22 17:06	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 17:06	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:22	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:22	1
Barium	0.035		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:22	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:22	1
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 14:11	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-7

Lab Sample ID: 680-220282-5

Date Collected: 08/25/22 11:07

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:22	1
Calcium	16		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:22	1
Chromium	0.0085		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:22	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:22	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:22	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:22	1
Magnesium	7.3		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:22	1
Nickel	0.0015	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:22	1
Potassium	1.1		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:22	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:22	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:22	1
Sodium	8.8		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:22	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:22	1
Vanadium	0.014		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:22	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:22	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	150		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	76	+	5.0	5.0	mg/L			09/08/22 12:29	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	76		5.0	5.0	mg/L			09/08/22 12:29	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 12:29	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.31				SU			08/25/22 11:07	1

Client Sample ID: GWC-8A

Lab Sample ID: 680-220282-6

Date Collected: 08/25/22 12:34

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.5		1.0	0.71	mg/L			09/01/22 17:21	1
Fluoride	0.059	J	0.10	0.026	mg/L			09/01/22 17:21	1
Sulfate	22		1.0	0.76	mg/L			09/01/22 17:21	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:26	1
Arsenic	0.00048	J	0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:26	1
Barium	0.030		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:26	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:26	1
Boron	0.18	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 14:13	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:26	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-8A

Lab Sample ID: 680-220282-6

Date Collected: 08/25/22 12:34

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	39		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:26	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:26	1
Cobalt	0.0021	J	0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:26	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:26	1
Magnesium	18		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:26	1
Nickel	0.0053	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:26	1
Potassium	1.9		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:26	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:26	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:26	1
Sodium	12		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:26	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:26	1
Vanadium	0.0023		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:26	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:26	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	270		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	160	*+	5.0	5.0	mg/L			09/08/22 12:22	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	160		5.0	5.0	mg/L			09/08/22 12:22	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 12:22	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.29				SU			08/25/22 12:34	1

Client Sample ID: GWC-9

Lab Sample ID: 680-220282-7

Date Collected: 08/25/22 13:38

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.2		1.0	0.71	mg/L			09/01/22 17:35	1
Fluoride	0.064	J	0.10	0.026	mg/L			09/01/22 17:35	1
Sulfate	19		1.0	0.76	mg/L			09/01/22 17:35	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 18:29	1
Arsenic	0.00037	J	0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 18:29	1
Barium	0.040		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 18:29	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 18:29	1
Boron	0.13	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 14:16	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 18:29	1
Calcium	21		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 18:29	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-9

Lab Sample ID: 680-220282-7

Date Collected: 08/25/22 13:38

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0092		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 18:29	1
Cobalt	0.00053	J	0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 18:29	1
Copper	0.0017	J	0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 18:29	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 18:29	1
Magnesium	9.9		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 18:29	1
Nickel	0.0042	B	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 18:29	1
Potassium	1.4		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 18:29	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 18:29	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 18:29	1
Sodium	9.2		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 18:29	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 18:29	1
Vanadium	0.025		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 18:29	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 18:29	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	180		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	76		5.0	5.0	mg/L			09/08/22 22:11	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	76		5.0	5.0	mg/L			09/08/22 22:11	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:11	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.48				SU			08/25/22 13:38	1

Client Sample ID: GWC-10

Lab Sample ID: 680-220282-8

Date Collected: 08/25/22 09:35

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.0		1.0	0.71	mg/L			09/01/22 17:50	1
Fluoride	0.065	J	0.10	0.026	mg/L			09/01/22 17:50	1
Sulfate	3.7		1.0	0.76	mg/L			09/01/22 17:50	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:07	09/16/22 21:20	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:07	09/16/22 21:20	1
Barium	0.035		0.010	0.0031	mg/L		09/15/22 16:07	09/16/22 21:20	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:07	09/16/22 21:20	1
Boron	0.11		0.080	0.060	mg/L		09/15/22 16:07	09/16/22 21:20	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:07	09/16/22 21:20	1
Calcium	20		0.50	0.13	mg/L		09/15/22 16:07	09/16/22 21:20	1
Chromium	0.018		0.0020	0.0015	mg/L		09/15/22 16:07	09/16/22 21:20	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-10

Lab Sample ID: 680-220282-8

Date Collected: 08/25/22 09:35

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:07	09/16/22 21:20	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:07	09/16/22 21:20	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:07	09/16/22 21:20	1
Magnesium	9.8		0.50	0.050	mg/L		09/15/22 16:07	09/16/22 21:20	1
Nickel	0.0030		0.0010	0.00052	mg/L		09/15/22 16:07	09/16/22 21:20	1
Potassium	0.87		0.50	0.16	mg/L		09/15/22 16:07	09/16/22 21:20	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:07	09/16/22 21:20	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:07	09/16/22 21:20	1
Sodium	8.6		0.50	0.18	mg/L		09/15/22 16:07	09/16/22 21:20	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:07	09/16/22 21:20	1
Vanadium	0.011		0.0010	0.00078	mg/L		09/15/22 16:07	09/16/22 21:20	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:07	09/16/22 21:20	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	170		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	94	+	5.0	5.0	mg/L			09/08/22 12:35	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	94		5.0	5.0	mg/L			09/08/22 12:35	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 12:35	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.20				SU			08/25/22 09:35	1

Client Sample ID: GWC-11

Lab Sample ID: 680-220282-9

Date Collected: 08/25/22 15:41

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.71	mg/L			09/01/22 18:05	1
Fluoride	0.059	J	0.10	0.026	mg/L			09/01/22 18:05	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 18:05	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:07	09/16/22 21:24	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:07	09/16/22 21:24	1
Barium	0.018		0.010	0.0031	mg/L		09/15/22 16:07	09/16/22 21:24	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:07	09/16/22 21:24	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:07	09/16/22 21:24	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:07	09/16/22 21:24	1
Calcium	14		0.50	0.13	mg/L		09/15/22 16:07	09/16/22 21:24	1
Chromium	0.0069		0.0020	0.0015	mg/L		09/15/22 16:07	09/16/22 21:24	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:07	09/16/22 21:24	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-11

Lab Sample ID: 680-220282-9

Date Collected: 08/25/22 15:41

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:07	09/16/22 21:24	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:07	09/16/22 21:24	1
Magnesium	6.5		0.50	0.050	mg/L		09/15/22 16:07	09/16/22 21:24	1
Nickel	0.00081	J	0.0010	0.00052	mg/L		09/15/22 16:07	09/16/22 21:24	1
Potassium	0.68		0.50	0.16	mg/L		09/15/22 16:07	09/16/22 21:24	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:07	09/16/22 21:24	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:07	09/16/22 21:24	1
Sodium	4.7		0.50	0.18	mg/L		09/15/22 16:07	09/16/22 21:24	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:07	09/16/22 21:24	1
Vanadium	0.0099		0.0010	0.00078	mg/L		09/15/22 16:07	09/16/22 21:24	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:07	09/16/22 21:24	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	130		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	65		5.0	5.0	mg/L			09/08/22 21:57	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	65		5.0	5.0	mg/L			09/08/22 21:57	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:57	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.01				SU			08/25/22 15:41	1

Client Sample ID: GWA-15

Lab Sample ID: 680-220282-10

Date Collected: 08/25/22 15:08

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.9		1.0	0.71	mg/L			09/01/22 18:50	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/22 18:50	1
Sulfate	1.9		1.0	0.76	mg/L			09/01/22 18:50	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:07	09/16/22 21:27	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:07	09/16/22 21:27	1
Barium	0.012		0.010	0.0031	mg/L		09/15/22 16:07	09/16/22 21:27	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:07	09/16/22 21:27	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:07	09/16/22 21:27	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:07	09/16/22 21:27	1
Calcium	4.9		0.50	0.13	mg/L		09/15/22 16:07	09/16/22 21:27	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:07	09/16/22 21:27	1
Cobalt	0.0014	J	0.0025	0.00026	mg/L		09/15/22 16:07	09/16/22 21:27	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:07	09/16/22 21:27	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWA-15

Lab Sample ID: 680-220282-10

Date Collected: 08/25/22 15:08

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:07	09/16/22 21:27	1
Magnesium	2.3		0.50	0.050	mg/L		09/15/22 16:07	09/16/22 21:27	1
Nickel	0.0010		0.0010	0.00052	mg/L		09/15/22 16:07	09/16/22 21:27	1
Potassium	0.23 J		0.50	0.16	mg/L		09/15/22 16:07	09/16/22 21:27	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:07	09/16/22 21:27	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:07	09/16/22 21:27	1
Sodium	5.5		0.50	0.18	mg/L		09/15/22 16:07	09/16/22 21:27	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:07	09/16/22 21:27	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:07	09/16/22 21:27	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:07	09/16/22 21:27	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	86		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	21		5.0	5.0	mg/L			09/08/22 22:43	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	21		5.0	5.0	mg/L			09/08/22 22:43	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:43	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.40				SU			08/25/22 15:08	1

Client Sample ID: GWA-16

Lab Sample ID: 680-220282-11

Date Collected: 08/25/22 13:40

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.71	mg/L			09/01/22 19:05	1
Fluoride	0.047 J		0.10	0.026	mg/L			09/01/22 19:05	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 19:05	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:07	09/16/22 21:31	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:07	09/16/22 21:31	1
Barium	0.025		0.010	0.0031	mg/L		09/15/22 16:07	09/16/22 21:31	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:07	09/16/22 21:31	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:07	09/16/22 21:31	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:07	09/16/22 21:31	1
Calcium	13		0.50	0.13	mg/L		09/15/22 16:07	09/16/22 21:31	1
Chromium	0.0056		0.0020	0.0015	mg/L		09/15/22 16:07	09/16/22 21:31	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:07	09/16/22 21:31	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:07	09/16/22 21:31	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:07	09/16/22 21:31	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWA-16

Lab Sample ID: 680-220282-11

Date Collected: 08/25/22 13:40

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	3.9		0.50	0.050	mg/L		09/15/22 16:07	09/16/22 21:31	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:07	09/16/22 21:31	1
Potassium	0.82		0.50	0.16	mg/L		09/15/22 16:07	09/16/22 21:31	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:07	09/16/22 21:31	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:07	09/16/22 21:31	1
Sodium	8.6		0.50	0.18	mg/L		09/15/22 16:07	09/16/22 21:31	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:07	09/16/22 21:31	1
Vanadium	0.0079		0.0010	0.00078	mg/L		09/15/22 16:07	09/16/22 21:31	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:07	09/16/22 21:31	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	130		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	61		5.0	5.0	mg/L			09/08/22 22:50	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	61		5.0	5.0	mg/L			09/08/22 22:50	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:50	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.42				SU			08/25/22 13:40	1

Client Sample ID: GWC-18

Lab Sample ID: 680-220282-12

Date Collected: 08/25/22 11:57

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.8		1.0	0.71	mg/L			09/01/22 19:19	1
Fluoride	0.047	J	0.10	0.026	mg/L			09/01/22 19:19	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 19:19	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/16/22 01:08	09/16/22 21:34	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/16/22 01:08	09/16/22 21:34	1
Barium	0.035		0.010	0.0031	mg/L		09/16/22 01:08	09/16/22 21:34	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/16/22 01:08	09/16/22 21:34	1
Boron	<0.060		0.080	0.060	mg/L		09/16/22 01:08	09/16/22 21:34	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/16/22 01:08	09/16/22 21:34	1
Calcium	11		0.50	0.13	mg/L		09/16/22 01:08	09/16/22 21:34	1
Chromium	0.012		0.0020	0.0015	mg/L		09/16/22 01:08	09/16/22 21:34	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/16/22 01:08	09/16/22 21:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/16/22 01:08	09/16/22 21:34	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/16/22 01:08	09/16/22 21:34	1
Magnesium	5.0		0.50	0.050	mg/L		09/16/22 01:08	09/16/22 21:34	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-18

Lab Sample ID: 680-220282-12

Date Collected: 08/25/22 11:57

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00052		0.0010	0.00052	mg/L		09/16/22 01:08	09/16/22 21:34	1
Potassium	0.66		0.50	0.16	mg/L		09/16/22 01:08	09/16/22 21:34	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/16/22 01:08	09/16/22 21:34	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/16/22 01:08	09/16/22 21:34	1
Sodium	7.2		0.50	0.18	mg/L		09/16/22 01:08	09/16/22 21:34	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/16/22 01:08	09/16/22 21:34	1
Vanadium	0.0070		0.0010	0.00078	mg/L		09/16/22 01:08	09/16/22 21:34	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/16/22 01:08	09/16/22 21:34	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	130		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	58		5.0	5.0	mg/L			09/08/22 19:14	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	58		5.0	5.0	mg/L			09/08/22 19:14	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 19:14	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.45				SU			08/25/22 11:57	1

Client Sample ID: GWC-19

Lab Sample ID: 680-220282-13

Date Collected: 08/25/22 09:09

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.4		1.0	0.71	mg/L			09/01/22 20:04	1
Fluoride	0.042	J	0.10	0.026	mg/L			09/01/22 20:04	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 20:04	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/16/22 01:08	09/16/22 21:38	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/16/22 01:08	09/16/22 21:38	1
Barium	0.030		0.010	0.0031	mg/L		09/16/22 01:08	09/16/22 21:38	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/16/22 01:08	09/16/22 21:38	1
Boron	<0.060		0.080	0.060	mg/L		09/16/22 01:08	09/16/22 21:38	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/16/22 01:08	09/16/22 21:38	1
Calcium	18		0.50	0.13	mg/L		09/16/22 01:08	09/16/22 21:38	1
Chromium	0.015		0.0020	0.0015	mg/L		09/16/22 01:08	09/16/22 21:38	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/16/22 01:08	09/16/22 21:38	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/16/22 01:08	09/16/22 21:38	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/16/22 01:08	09/16/22 21:38	1
Magnesium	8.3		0.50	0.050	mg/L		09/16/22 01:08	09/16/22 21:38	1
Nickel	0.0017		0.0010	0.00052	mg/L		09/16/22 01:08	09/16/22 21:38	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-19

Lab Sample ID: 680-220282-13

Date Collected: 08/25/22 09:09

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1.1		0.50	0.16	mg/L		09/16/22 01:08	09/16/22 21:38	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/16/22 01:08	09/16/22 21:38	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/16/22 01:08	09/16/22 21:38	1
Sodium	8.9		0.50	0.18	mg/L		09/16/22 01:08	09/16/22 21:38	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/16/22 01:08	09/16/22 21:38	1
Vanadium	0.0068		0.0010	0.00078	mg/L		09/16/22 01:08	09/16/22 21:38	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/16/22 01:08	09/16/22 21:38	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 16:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	150		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	93		5.0	5.0	mg/L			09/08/22 20:59	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	93		5.0	5.0	mg/L			09/08/22 20:59	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 20:59	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.36				SU			08/25/22 09:09	1

Client Sample ID: GWC-20

Lab Sample ID: 680-220282-14

Date Collected: 08/25/22 10:43

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.1		1.0	0.71	mg/L			09/01/22 20:19	1
Fluoride	0.050	J	0.10	0.026	mg/L			09/01/22 20:19	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 20:19	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 15:39	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 15:39	1
Barium	0.031		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 15:39	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 15:39	1
Boron	0.12		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 15:39	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 15:39	1
Calcium	15		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 15:39	1
Chromium	0.0079		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 15:39	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 15:39	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 15:39	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 15:39	1
Magnesium	6.4		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 15:39	1
Nickel	0.00074	J	0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 15:39	1
Potassium	0.94		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 15:39	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-20

Lab Sample ID: 680-220282-14

Date Collected: 08/25/22 10:43

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 15:39	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 15:39	1
Sodium	6.6		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 15:39	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 15:39	1
Vanadium	0.018		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 15:39	1
Zinc	0.0063		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 15:39	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 16:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	140		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	75		5.0	5.0	mg/L			09/08/22 21:13	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	75		5.0	5.0	mg/L			09/08/22 21:13	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:13	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.62				SU			08/25/22 10:43	1

Client Sample ID: FB-4

Lab Sample ID: 680-220282-15

Date Collected: 08/25/22 09:22

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 20:34	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/22 20:34	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 20:34	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 15:42	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 15:42	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 15:42	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 15:42	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 15:42	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 15:42	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 15:42	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 15:42	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 15:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 15:42	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 15:42	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 15:42	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 15:42	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 15:42	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 15:42	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: FB-4

Lab Sample ID: 680-220282-15

Date Collected: 08/25/22 09:22

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 15:42	1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 15:42	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 15:42	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 15:42	1
Zinc	0.0051		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 15:42	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 16:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	19		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:19	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:19	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:19	1

Client Sample ID: EB-4

Lab Sample ID: 680-220282-16

Date Collected: 08/25/22 09:30

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 20:49	1
Fluoride	0.026	J	0.10	0.026	mg/L			09/01/22 20:49	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 20:49	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 15:46	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 15:46	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 15:46	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 15:46	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 15:46	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 15:46	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 15:46	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 15:46	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 15:46	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 15:46	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 15:46	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 15:46	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 15:46	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 15:46	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 15:46	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 15:46	1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 15:46	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 15:46	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 15:46	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: EB-4

Lab Sample ID: 680-220282-16

Date Collected: 08/25/22 09:30

Matrix: Water

Date Received: 08/27/22 09:00

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 15:46	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 16:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	19	H	10	10	mg/L			09/14/22 13:24	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:24	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:24	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:24	1

Client Sample ID: FB-5

Lab Sample ID: 680-220282-17

Date Collected: 08/25/22 15:18

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 21:03	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/22 21:03	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 21:03	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 15:56	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 15:56	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 15:56	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 15:56	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 15:56	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 15:56	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 15:56	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 15:56	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 15:56	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 15:56	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 15:56	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 15:56	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 15:56	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 15:56	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 15:56	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 15:56	1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 15:56	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 15:56	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 15:56	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 15:56	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 16:05	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: FB-5

Lab Sample ID: 680-220282-17

Date Collected: 08/25/22 15:18

Matrix: Water

Date Received: 08/27/22 09:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	36		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:37	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:37	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:37	1

Client Sample ID: DUP-5

Lab Sample ID: 680-220282-18

Date Collected: 08/25/22 00:00

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.71	mg/L			09/01/22 21:18	1
Fluoride	0.082	J	0.10	0.026	mg/L			09/01/22 21:18	1
Sulfate	19		1.0	0.76	mg/L			09/01/22 21:18	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 16:00	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 16:00	1
Barium	0.056		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 16:00	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 16:00	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 16:00	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 16:00	1
Calcium	17		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 16:00	1
Chromium	0.0036		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 16:00	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 16:00	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 16:00	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 16:00	1
Magnesium	9.9		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 16:00	1
Nickel	0.00088	J	0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 16:00	1
Potassium	1.3		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 16:00	1
Selenium	0.0012	J	0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 16:00	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 16:00	1
Sodium	12		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 16:00	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 16:00	1
Vanadium	0.0061		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 16:00	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 16:00	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 16:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	170		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	68		5.0	5.0	mg/L			09/08/22 22:30	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	68		5.0	5.0	mg/L			09/08/22 22:30	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: DUP-5

Lab Sample ID: 680-220282-18

Date Collected: 08/25/22 00:00

Matrix: Water

Date Received: 08/27/22 09:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO ₃ (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 22:30	1

Client Sample ID: GWC-2

Lab Sample ID: 680-220286-1

Date Collected: 08/26/22 08:56

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.1		1.0	0.71	mg/L			09/01/22 23:39	1
Fluoride	0.048	J	0.10	0.026	mg/L			09/01/22 23:39	1
Sulfate	1.1		1.0	0.76	mg/L			09/01/22 23:39	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 16:03	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 16:03	1
Barium	0.045		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 16:03	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 16:03	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 16:03	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 16:03	1
Calcium	18		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 16:03	1
Chromium	0.0095		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 16:03	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 16:03	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 16:03	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 16:03	1
Magnesium	7.6		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 16:03	1
Nickel	0.0020		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 16:03	1
Potassium	1.1		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 16:03	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 16:03	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 16:03	1
Sodium	8.6		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 16:03	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 16:03	1
Vanadium	0.015		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 16:03	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 16:03	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:56	09/13/22 15:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	180		10	10	mg/L			09/01/22 16:16	1
Total Alkalinity as CaCO ₃ to pH 4.5 (SM18 SM2320 B)	97	H	5.0	5.0	mg/L			09/14/22 00:34	1
Bicarbonate Alkalinity as CaCO ₃ (SM18 SM2320 B)	97	H	5.0	5.0	mg/L			09/14/22 00:34	1
Carbonate Alkalinity as CaCO ₃ (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 00:34	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-2

Date Collected: 08/26/22 08:56

Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-1

Matrix: Water

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.37				SU			08/26/22 08:56	1

Client Sample ID: GWC-12

Date Collected: 08/26/22 09:51

Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-2

Matrix: Water

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.71	mg/L			09/02/22 01:01	1
Fluoride	0.026	J	0.10	0.026	mg/L			09/02/22 01:01	1
Sulfate	0.77	J	1.0	0.76	mg/L			09/02/22 01:01	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 16:07	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 16:07	1
Barium	0.018		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 16:07	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 16:07	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 16:07	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 16:07	1
Calcium	0.99		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 16:07	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 16:07	1
Cobalt	0.00033	J	0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 16:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 16:07	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 16:07	1
Magnesium	0.91		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 16:07	1
Nickel	0.00096	J	0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 16:07	1
Potassium	0.27	J	0.50	0.16	mg/L		09/15/22 16:10	09/16/22 16:07	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 16:07	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 16:07	1
Sodium	2.5		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 16:07	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 16:07	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 16:07	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 16:07	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:56	09/13/22 15:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	29		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	9.2		5.0	5.0	mg/L			09/08/22 21:36	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	9.2		5.0	5.0	mg/L			09/08/22 21:36	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0		5.0	5.0	mg/L			09/08/22 21:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.07				SU			08/26/22 09:51	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-13

Lab Sample ID: 680-220286-3

Date Collected: 08/26/22 08:45

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.71	mg/L			09/02/22 02:08	1
Fluoride	0.055	J	0.10	0.026	mg/L			09/02/22 02:08	1
Sulfate	1.3		1.0	0.76	mg/L			09/02/22 02:08	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 16:10	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 16:10	1
Barium	0.035		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 16:10	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 16:10	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 16:10	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 16:10	1
Calcium	7.5		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 16:10	1
Chromium	0.0043		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 16:10	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 16:10	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 16:10	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 16:10	1
Magnesium	4.5		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 16:10	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 16:10	1
Potassium	0.46	J	0.50	0.16	mg/L		09/15/22 16:10	09/16/22 16:10	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 16:10	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 16:10	1
Sodium	5.8		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 16:10	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 16:10	1
Vanadium	0.0016		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 16:10	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 16:10	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:56	09/13/22 15:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	84		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	49	H	5.0	5.0	mg/L			09/14/22 01:24	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	49	H	5.0	5.0	mg/L			09/14/22 01:24	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 01:24	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.91				SU			08/26/22 08:45	1

Client Sample ID: GWC-14

Lab Sample ID: 680-220286-4

Date Collected: 08/26/22 09:25

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.3		1.0	0.71	mg/L			09/02/22 01:41	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-14

Lab Sample ID: 680-220286-4

Date Collected: 08/26/22 09:25

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.068	J	0.10	0.026	mg/L			09/02/22 01:41	1
Sulfate	0.79	J	1.0	0.76	mg/L			09/02/22 01:41	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 16:14	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 16:14	1
Barium	0.011		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 16:14	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 16:14	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 16:14	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 16:14	1
Calcium	7.0		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 16:14	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 16:14	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 16:14	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 16:14	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 16:14	1
Magnesium	3.4		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 16:14	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 16:14	1
Potassium	0.39	J	0.50	0.16	mg/L		09/15/22 16:10	09/16/22 16:14	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 16:14	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 16:14	1
Sodium	3.2		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 16:14	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 16:14	1
Vanadium	0.0017		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 16:14	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 16:14	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:56	09/13/22 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	91		10	10	mg/L			09/01/22 16:20	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	35	H	5.0	5.0	mg/L			09/14/22 00:18	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	35	H	5.0	5.0	mg/L			09/14/22 00:18	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 00:18	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.51				SU			08/26/22 09:25	1

Client Sample ID: EB-5

Lab Sample ID: 680-220286-5

Date Collected: 08/26/22 09:40

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/02/22 01:55	1
Fluoride	0.060	J	0.10	0.026	mg/L			09/02/22 01:55	1

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Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: EB-5

Lab Sample ID: 680-220286-5

Date Collected: 08/26/22 09:40

Matrix: Water

Date Received: 08/27/22 09:00

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.76		1.0	0.76	mg/L			09/02/22 01:55	1

Method: SW846 EPA 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 16:17	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 16:17	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 16:17	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 16:17	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 16:17	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 16:17	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 16:17	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 16:17	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 16:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 16:17	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 16:17	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 16:17	1
Nickel	0.00090	J	0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 16:17	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 16:17	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 16:17	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 16:17	1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 16:17	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 16:17	1
Vanadium	0.00080	J	0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 16:17	1
Zinc	0.0061		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 16:17	1

Method: SW846 EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:56	09/13/22 15:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	50		10	10	mg/L			09/01/22 16:23	1
Total Alkalinity as CaCO3 to pH 4.5 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 01:43	1
Bicarbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 01:43	1
Carbonate Alkalinity as CaCO3 (SM18 SM2320 B)	<5.0	H	5.0	5.0	mg/L			09/14/22 01:43	1

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 180-410671/50
Matrix: Water
Analysis Batch: 410671

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 00:49	1
Fluoride	0.0265	J	0.10	0.026	mg/L			09/01/22 00:49	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 00:49	1

Lab Sample ID: LCS 180-410671/51
Matrix: Water
Analysis Batch: 410671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	50.7		mg/L		101	90 - 110
Fluoride	2.50	2.56		mg/L		103	90 - 110
Sulfate	50.0	49.7		mg/L		99	90 - 110

Lab Sample ID: 180-143554-A-2 MS
Matrix: Water
Analysis Batch: 410671

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	26		50.0	76.9		mg/L		103	90 - 110
Fluoride	0.093	J B	2.50	2.62		mg/L		101	90 - 110
Sulfate	4.6		50.0	55.8		mg/L		102	90 - 110

Lab Sample ID: 180-143554-A-2 MSD
Matrix: Water
Analysis Batch: 410671

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	26		50.0	75.5		mg/L		100	90 - 110	2	20
Fluoride	0.093	J B	2.50	2.58		mg/L		99	90 - 110	2	20
Sulfate	4.6		50.0	54.4		mg/L		100	90 - 110	3	20

Lab Sample ID: MB 180-410801/6
Matrix: Water
Analysis Batch: 410801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 11:26	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/22 11:26	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 11:26	1

Lab Sample ID: LCS 180-410801/7
Matrix: Water
Analysis Batch: 410801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	51.5		mg/L		103	90 - 110
Fluoride	2.50	2.64		mg/L		106	90 - 110
Sulfate	50.0	50.7		mg/L		101	90 - 110

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-220282-9 MS
Matrix: Water
Analysis Batch: 410801

Client Sample ID: GWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.8		50.0	53.3		mg/L		103	90 - 110
Fluoride	0.059	J	2.50	2.66		mg/L		104	90 - 110
Sulfate	<0.76		50.0	51.0		mg/L		102	90 - 110

Lab Sample ID: 680-220282-9 MSD
Matrix: Water
Analysis Batch: 410801

Client Sample ID: GWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.8		50.0	51.0		mg/L		98	90 - 110	4	20
Fluoride	0.059	J	2.50	2.54		mg/L		99	90 - 110	5	20
Sulfate	<0.76		50.0	48.6		mg/L		97	90 - 110	5	20

Lab Sample ID: MB 180-410826/36
Matrix: Water
Analysis Batch: 410826

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/22 20:43	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/22 20:43	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/22 20:43	1

Lab Sample ID: LCS 180-410826/37
Matrix: Water
Analysis Batch: 410826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	52.2		mg/L		104	90 - 110
Fluoride	2.50	2.59		mg/L		104	90 - 110
Sulfate	50.0	51.1		mg/L		102	90 - 110

Lab Sample ID: 680-220286-2 MS
Matrix: Water
Analysis Batch: 410826

Client Sample ID: GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.7		50.0	53.0		mg/L		102	90 - 110
Fluoride	0.026	J	2.50	2.62		mg/L		105	90 - 110
Sulfate	0.77	J	50.0	51.7		mg/L		102	90 - 110

Lab Sample ID: 680-220286-2 MSD
Matrix: Water
Analysis Batch: 410826

Client Sample ID: GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.7		50.0	52.9		mg/L		102	90 - 110	0	20
Fluoride	0.026	J	2.50	2.62		mg/L		105	90 - 110	0	20
Sulfate	0.77	J	50.0	51.0		mg/L		100	90 - 110	1	20

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 180-411924/1-A
Matrix: Water
Analysis Batch: 412084

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	0.00118	J	0.0020	0.00051	mg/L		09/13/22 16:08	09/14/22 17:05	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/13/22 16:08	09/14/22 17:05	1
Barium	<0.0031		0.010	0.0031	mg/L		09/13/22 16:08	09/14/22 17:05	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/13/22 16:08	09/14/22 17:05	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/13/22 16:08	09/14/22 17:05	1
Calcium	<0.13		0.50	0.13	mg/L		09/13/22 16:08	09/14/22 17:05	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/13/22 16:08	09/14/22 17:05	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/13/22 16:08	09/14/22 17:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/13/22 16:08	09/14/22 17:05	1
Lead	0.000294	J	0.0010	0.00017	mg/L		09/13/22 16:08	09/14/22 17:05	1
Magnesium	<0.050		0.50	0.050	mg/L		09/13/22 16:08	09/14/22 17:05	1
Nickel	0.000610	J	0.0010	0.00052	mg/L		09/13/22 16:08	09/14/22 17:05	1
Potassium	<0.16		0.50	0.16	mg/L		09/13/22 16:08	09/14/22 17:05	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/13/22 16:08	09/14/22 17:05	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/13/22 16:08	09/14/22 17:05	1
Sodium	<0.18		0.50	0.18	mg/L		09/13/22 16:08	09/14/22 17:05	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/13/22 16:08	09/14/22 17:05	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/13/22 16:08	09/14/22 17:05	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/13/22 16:08	09/14/22 17:05	1

Lab Sample ID: MB 180-411924/1-A
Matrix: Water
Analysis Batch: 412391

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<0.060	^6+	0.080	0.060	mg/L		09/13/22 16:08	09/16/22 13:20	1

Lab Sample ID: LCS 180-411924/2-A
Matrix: Water
Analysis Batch: 412084

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.00	1.07		mg/L		107	80 - 120
Barium	1.00	1.00		mg/L		100	80 - 120
Beryllium	0.500	0.543		mg/L		109	80 - 120
Cadmium	0.500	0.506		mg/L		101	80 - 120
Calcium	25.0	29.0		mg/L		116	80 - 120
Chromium	0.500	0.504		mg/L		101	80 - 120
Cobalt	0.500	0.531		mg/L		106	80 - 120
Copper	0.500	0.509		mg/L		102	80 - 120
Lead	0.500	0.522		mg/L		104	80 - 120
Magnesium	25.0	26.3		mg/L		105	80 - 120
Nickel	0.500	0.533		mg/L		107	80 - 120
Potassium	25.0	26.5		mg/L		106	80 - 120
Selenium	1.00	0.980		mg/L		98	80 - 120
Silver	0.250	0.257		mg/L		103	80 - 120
Sodium	25.0	26.8		mg/L		107	80 - 120
Thallium	1.00	1.05		mg/L		105	80 - 120

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-411924/2-A
Matrix: Water
Analysis Batch: 412084

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	0.500	0.508		mg/L		102	80 - 120
Zinc	0.250	0.273		mg/L		109	80 - 120

Lab Sample ID: LCS 180-411924/2-A
Matrix: Water
Analysis Batch: 412391

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.25	1.27	^6+	mg/L		101	80 - 120

Lab Sample ID: 180-143834-J-1-B MS
Matrix: Water
Analysis Batch: 412084

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0022	B	0.250	0.274		mg/L		109	75 - 125
Arsenic	0.013		1.00	1.06		mg/L		104	75 - 125
Barium	0.050		1.00	1.04		mg/L		99	75 - 125
Beryllium	<0.00027		0.500	0.527		mg/L		105	75 - 125
Cadmium	0.00023	J	0.500	0.487		mg/L		97	75 - 125
Calcium	32		25.0	61.1		mg/L		116	75 - 125
Chromium	0.017		0.500	0.495		mg/L		96	75 - 125
Cobalt	0.0010	J	0.500	0.511		mg/L		102	75 - 125
Copper	0.028		0.500	0.515		mg/L		97	75 - 125
Lead	0.026	B	0.500	0.533		mg/L		101	75 - 125
Magnesium	38		25.0	64.1		mg/L		105	75 - 125
Nickel	0.0051	B	0.500	0.515		mg/L		102	75 - 125
Potassium	20		25.0	46.1		mg/L		104	75 - 125
Selenium	<0.00074		1.00	0.904		mg/L		90	75 - 125
Silver	<0.00022		0.250	0.248		mg/L		99	75 - 125
Sodium	440		25.0	473	4	mg/L		140	75 - 125
Thallium	<0.00047		1.00	1.02		mg/L		102	75 - 125
Vanadium	0.0052		0.500	0.496		mg/L		98	75 - 125
Zinc	0.050		0.250	0.305		mg/L		102	75 - 125

Lab Sample ID: 180-143834-J-1-B MS
Matrix: Water
Analysis Batch: 412391

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.41	^6+	1.25	1.75	^6+	mg/L		108	75 - 125

Lab Sample ID: 180-143834-J-1-C MSD
Matrix: Water
Analysis Batch: 412084

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Antimony	0.0022	B	0.250	0.277		mg/L		110	75 - 125	1	20
Arsenic	0.013		1.00	1.05		mg/L		104	75 - 125	1	20
Barium	0.050		1.00	1.04		mg/L		99	75 - 125	0	20

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-143834-J-1-C MSD
Matrix: Water
Analysis Batch: 412084

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Beryllium	<0.00027		0.500	0.531		mg/L		106	75 - 125	1	20
Cadmium	0.00023	J	0.500	0.490		mg/L		98	75 - 125	1	20
Calcium	32		25.0	60.2		mg/L		112	75 - 125	2	20
Chromium	0.017		0.500	0.496		mg/L		96	75 - 125	0	20
Cobalt	0.0010	J	0.500	0.511		mg/L		102	75 - 125	0	20
Copper	0.028		0.500	0.518		mg/L		98	75 - 125	1	20
Lead	0.026	B	0.500	0.535		mg/L		102	75 - 125	0	20
Magnesium	38		25.0	63.6		mg/L		103	75 - 125	1	20
Nickel	0.0051	B	0.500	0.513		mg/L		102	75 - 125	0	20
Potassium	20		25.0	45.7		mg/L		102	75 - 125	1	20
Selenium	<0.00074		1.00	0.928		mg/L		93	75 - 125	3	20
Silver	<0.00022		0.250	0.251		mg/L		100	75 - 125	1	20
Sodium	440		25.0	461	4	mg/L		92	75 - 125	3	20
Thallium	<0.00047		1.00	1.02		mg/L		102	75 - 125	0	20
Vanadium	0.0052		0.500	0.491		mg/L		97	75 - 125	1	20
Zinc	0.050		0.250	0.306		mg/L		102	75 - 125	1	20

Lab Sample ID: 180-143834-J-1-C MSD
Matrix: Water
Analysis Batch: 412391

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 411924

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Boron	0.41	^6+	1.25	1.69	^6+ ^+	mg/L		103	75 - 125	3	20

Lab Sample ID: MB 180-412195/1-A
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 412195

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:07	09/17/22 00:36	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:07	09/17/22 00:36	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 16:07	09/17/22 00:36	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:07	09/17/22 00:36	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:07	09/17/22 00:36	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:07	09/17/22 00:36	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 16:07	09/17/22 00:36	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:07	09/17/22 00:36	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:07	09/17/22 00:36	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:07	09/17/22 00:36	1
Lead	0.000177	J	0.0010	0.00017	mg/L		09/15/22 16:07	09/17/22 00:36	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 16:07	09/17/22 00:36	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:07	09/17/22 00:36	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 16:07	09/17/22 00:36	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:07	09/17/22 00:36	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:07	09/17/22 00:36	1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 16:07	09/17/22 00:36	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:07	09/17/22 00:36	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:07	09/17/22 00:36	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:07	09/17/22 00:36	1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-412195/2-A
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 412195

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.250	0.287	^+	mg/L		115	80 - 120
Arsenic	1.00	1.04		mg/L		104	80 - 120
Barium	1.00	1.17		mg/L		117	80 - 120
Beryllium	0.500	0.544		mg/L		109	80 - 120
Boron	1.25	1.32		mg/L		106	80 - 120
Cadmium	0.500	0.529		mg/L		106	80 - 120
Calcium	25.0	30.0		mg/L		120	80 - 120
Chromium	0.500	0.531		mg/L		106	80 - 120
Cobalt	0.500	0.517		mg/L		103	80 - 120
Copper	0.500	0.498		mg/L		100	80 - 120
Lead	0.500	0.532		mg/L		106	80 - 120
Magnesium	25.0	26.2		mg/L		105	80 - 120
Nickel	0.500	0.517		mg/L		103	80 - 120
Potassium	25.0	26.1		mg/L		105	80 - 120
Selenium	1.00	0.986		mg/L		99	80 - 120
Silver	0.250	0.251		mg/L		100	80 - 120
Sodium	25.0	26.4		mg/L		106	80 - 120
Thallium	1.00	1.07		mg/L		107	80 - 120
Vanadium	0.500	0.525		mg/L		105	80 - 120
Zinc	0.250	0.262		mg/L		105	80 - 120

Lab Sample ID: 180-143559-D-1-I MS
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 412195

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.250	0.291		mg/L		116	75 - 125
Barium	0.63	F1	1.00	1.16	F1	mg/L		53	75 - 125
Beryllium	<0.0014		0.500	0.530		mg/L		106	75 - 125
Boron			1.25	1.39		mg/L			
Cadmium	<0.0011		0.500	0.529		mg/L		106	75 - 125
Calcium	490		25.0	127	4	mg/L		-1471	75 - 125
Cobalt	0.013		0.500	0.507		mg/L		99	75 - 125
Lead	0.00089	J B	0.500	0.526		mg/L		105	75 - 125
Magnesium	32	F1	25.0	32.0	F1	mg/L		1	75 - 125
Nickel	0.020		0.500	0.505		mg/L		97	75 - 125
Potassium	15	F1	25.0	28.4	F1	mg/L		55	75 - 125
Selenium	<0.0037		1.00	0.976		mg/L		98	75 - 125
Silver	<0.0011		0.250	0.250		mg/L		100	75 - 125
Sodium	150		25.0	56.3	4	mg/L		-380	75 - 125
Thallium	<0.0024		1.00	1.06		mg/L		106	75 - 125
Vanadium	0.018		0.500	0.527		mg/L		102	75 - 125
Zinc	0.025		0.250	0.267		mg/L		97	75 - 125

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-143559-D-1-J MSD
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 412195

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.0025		0.250	0.289		mg/L		116	75 - 125	1	20
Barium	0.63	F1	1.00	1.19	F1	mg/L		55	75 - 125	2	20
Beryllium	<0.0014		0.500	0.538		mg/L		108	75 - 125	2	20
Boron			1.25	1.48		mg/L					
Cadmium	<0.0011		0.500	0.538		mg/L		108	75 - 125	2	20
Calcium	490		25.0	128	4	mg/L		-1467	75 - 125	1	20
Cobalt	0.013		0.500	0.517		mg/L		101	75 - 125	2	20
Lead	0.00089	J B	0.500	0.530		mg/L		106	75 - 125	1	20
Magnesium	32	F1	25.0	32.5	F1	mg/L		3	75 - 125	1	20
Nickel	0.020		0.500	0.520		mg/L		100	75 - 125	3	20
Potassium	15	F1	25.0	28.6	F1	mg/L		55	75 - 125	1	20
Selenium	<0.0037		1.00	0.980		mg/L		98	75 - 125	0	20
Silver	<0.0011		0.250	0.252		mg/L		101	75 - 125	1	20
Sodium	150		25.0	56.9	4	mg/L		-378	75 - 125	1	20
Thallium	<0.0024		1.00	1.07		mg/L		107	75 - 125	1	20
Vanadium	0.018		0.500	0.537		mg/L		104	75 - 125	2	20
Zinc	0.025		0.250	0.266		mg/L		96	75 - 125	0	20

Lab Sample ID: MB 180-412196/1-A
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 412196

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		09/15/22 16:10	09/16/22 15:32	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		09/15/22 16:10	09/16/22 15:32	1
Barium	<0.0031		0.010	0.0031	mg/L		09/15/22 16:10	09/16/22 15:32	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		09/15/22 16:10	09/16/22 15:32	1
Boron	<0.060		0.080	0.060	mg/L		09/15/22 16:10	09/16/22 15:32	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/15/22 16:10	09/16/22 15:32	1
Calcium	<0.13		0.50	0.13	mg/L		09/15/22 16:10	09/16/22 15:32	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/15/22 16:10	09/16/22 15:32	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		09/15/22 16:10	09/16/22 15:32	1
Copper	<0.0011		0.0020	0.0011	mg/L		09/15/22 16:10	09/16/22 15:32	1
Lead	<0.00017		0.0010	0.00017	mg/L		09/15/22 16:10	09/16/22 15:32	1
Magnesium	<0.050		0.50	0.050	mg/L		09/15/22 16:10	09/16/22 15:32	1
Nickel	<0.00052		0.0010	0.00052	mg/L		09/15/22 16:10	09/16/22 15:32	1
Potassium	<0.16		0.50	0.16	mg/L		09/15/22 16:10	09/16/22 15:32	1
Selenium	<0.00074		0.0050	0.00074	mg/L		09/15/22 16:10	09/16/22 15:32	1
Silver	<0.00022		0.0010	0.00022	mg/L		09/15/22 16:10	09/16/22 15:32	1
Sodium	<0.18		0.50	0.18	mg/L		09/15/22 16:10	09/16/22 15:32	1
Thallium	<0.00047		0.0010	0.00047	mg/L		09/15/22 16:10	09/16/22 15:32	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		09/15/22 16:10	09/16/22 15:32	1
Zinc	<0.0029		0.0050	0.0029	mg/L		09/15/22 16:10	09/16/22 15:32	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 180-412196/2-A
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 412196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.250	0.288		mg/L		115	80 - 120
Arsenic	1.00	0.999		mg/L		100	80 - 120
Barium	1.00	1.02		mg/L		102	80 - 120
Beryllium	0.500	0.511		mg/L		102	80 - 120
Boron	1.25	1.30		mg/L		104	80 - 120
Cadmium	0.500	0.517		mg/L		103	80 - 120
Calcium	25.0	29.6		mg/L		118	80 - 120
Chromium	0.500	0.512		mg/L		102	80 - 120
Cobalt	0.500	0.496		mg/L		99	80 - 120
Copper	0.500	0.478		mg/L		96	80 - 120
Lead	0.500	0.515		mg/L		103	80 - 120
Magnesium	25.0	25.6		mg/L		102	80 - 120
Nickel	0.500	0.497		mg/L		99	80 - 120
Potassium	25.0	25.5		mg/L		102	80 - 120
Selenium	1.00	0.982		mg/L		98	80 - 120
Silver	0.250	0.248		mg/L		99	80 - 120
Sodium	25.0	25.8		mg/L		103	80 - 120
Thallium	1.00	1.04		mg/L		104	80 - 120
Vanadium	0.500	0.509		mg/L		102	80 - 120
Zinc	0.250	0.260		mg/L		104	80 - 120

Lab Sample ID: 180-143337-C-8-B MS
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 412196

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00051		0.250	0.291		mg/L		117	75 - 125
Arsenic	<0.00028		1.00	1.03		mg/L		103	75 - 125
Barium	0.014	F2 F1	1.00	1.06		mg/L		104	75 - 125
Beryllium	<0.00027		0.500	0.529		mg/L		106	75 - 125
Boron	<0.060		1.25	1.37		mg/L		110	75 - 125
Cadmium	<0.00022		0.500	0.523		mg/L		105	75 - 125
Calcium	51	F1	25.0	80.6		mg/L		118	75 - 125
Chromium	0.0055		0.500	0.521		mg/L		103	75 - 125
Cobalt	<0.00026		0.500	0.502		mg/L		100	75 - 125
Copper	0.0015	J	0.500	0.487		mg/L		97	75 - 125
Lead	<0.00017		0.500	0.520		mg/L		104	75 - 125
Magnesium	18		25.0	43.3		mg/L		102	75 - 125
Nickel	0.0046		0.500	0.503		mg/L		100	75 - 125
Potassium	0.96		25.0	26.3		mg/L		101	75 - 125
Selenium	<0.00074		1.00	0.943		mg/L		94	75 - 125
Silver	<0.00022		0.250	0.252		mg/L		101	75 - 125
Sodium	9.1		25.0	34.8		mg/L		103	75 - 125
Thallium	<0.00047		1.00	1.06		mg/L		106	75 - 125
Vanadium	0.0013		0.500	0.518		mg/L		103	75 - 125
Zinc	<0.0029		0.250	0.264		mg/L		105	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 180-143337-C-8-C MSD
Matrix: Water
Analysis Batch: 412385

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 412196

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00051		0.250	0.299		mg/L		119	75 - 125	2	20
Arsenic	<0.00028		1.00	1.04		mg/L		104	75 - 125	1	20
Barium	0.014	F2 F1	1.00	1.61	F1 F2	mg/L		160	75 - 125	42	20
Beryllium	<0.00027		0.500	0.567		mg/L		113	75 - 125	7	20
Boron	<0.060		1.25	1.48		mg/L		118	75 - 125	7	20
Cadmium	<0.00022		0.500	0.535		mg/L		107	75 - 125	2	20
Calcium	51	F1	25.0	84.0	F1	mg/L		131	75 - 125	4	20
Chromium	0.0055		0.500	0.535		mg/L		106	75 - 125	3	20
Cobalt	<0.00026		0.500	0.509		mg/L		102	75 - 125	1	20
Copper	0.0015	J	0.500	0.496		mg/L		99	75 - 125	2	20
Lead	<0.00017		0.500	0.535		mg/L		107	75 - 125	3	20
Magnesium	18		25.0	45.1		mg/L		109	75 - 125	4	20
Nickel	0.0046		0.500	0.511		mg/L		101	75 - 125	2	20
Potassium	0.96		25.0	27.6		mg/L		107	75 - 125	5	20
Selenium	<0.00074		1.00	0.947		mg/L		95	75 - 125	0	20
Silver	<0.00022		0.250	0.258		mg/L		103	75 - 125	2	20
Sodium	9.1		25.0	36.6		mg/L		110	75 - 125	5	20
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125	2	20
Vanadium	0.0013		0.500	0.525		mg/L		105	75 - 125	1	20
Zinc	<0.0029		0.250	0.272		mg/L		109	75 - 125	3	20

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-411760/1-A
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 411760

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:53	09/13/22 14:34	1

Lab Sample ID: LCS 180-411760/2-A
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 411760

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
Mercury	0.00250	0.00254		mg/L		101	80 - 120

Lab Sample ID: 180-143622-B-2-A MS
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 411760

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	<0.00013		0.00100	0.000854		mg/L		85	75 - 125

Lab Sample ID: 180-143622-B-2-B MSD
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 411760

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	<0.00013		0.00100	0.000853		mg/L		85	75 - 125	0	20

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-411762/1-A
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 411762

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 13:56	09/13/22 15:08	1

Lab Sample ID: LCS 180-411762/2-A
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 411762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00251		mg/L		100	80 - 120

Lab Sample ID: 180-143559-D-1-B MS
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 411762

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00013		0.00100	0.000928		mg/L		93	75 - 125

Lab Sample ID: 180-143559-D-1-C MSD
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 411762

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.000929		mg/L		93	75 - 125	0	20

Lab Sample ID: MB 180-411763/1-A
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 411763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/12/22 14:01	09/13/22 15:39	1

Lab Sample ID: LCS 180-411763/2-A
Matrix: Water
Analysis Batch: 411931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 411763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00253		mg/L		101	80 - 120

Lab Sample ID: 680-220282-1 MS
Matrix: Water
Analysis Batch: 411931

Client Sample ID: GWC-3
Prep Type: Total/NA
Prep Batch: 411763

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00013		0.00100	0.000910		mg/L		91	75 - 125

Lab Sample ID: 680-220282-1 MSD
Matrix: Water
Analysis Batch: 411931

Client Sample ID: GWC-3
Prep Type: Total/NA
Prep Batch: 411763

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.000963		mg/L		96	75 - 125	6	20

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-410543/2
Matrix: Water
Analysis Batch: 410543

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/30/22 16:47	1

Lab Sample ID: LCS 180-410543/1
Matrix: Water
Analysis Batch: 410543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	194		mg/L		104	85 - 115

Lab Sample ID: 180-143516-C-4 DU
Matrix: Water
Analysis Batch: 410543

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	16		<10		mg/L		NC	10

Lab Sample ID: 180-143517-C-7 DU
Matrix: Water
Analysis Batch: 410543

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	<10		<10		mg/L		NC	10

Lab Sample ID: MB 180-410687/2
Matrix: Water
Analysis Batch: 410687

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/31/22 13:46	1

Lab Sample ID: LCS 180-410687/1
Matrix: Water
Analysis Batch: 410687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	198		mg/L		106	85 - 115

Lab Sample ID: 180-143622-C-2 DU
Matrix: Water
Analysis Batch: 410687

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	3400		3560		mg/L		4	10

Lab Sample ID: MB 180-410861/2
Matrix: Water
Analysis Batch: 410861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/01/22 16:16	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: LCS 180-410861/1
Matrix: Water
Analysis Batch: 410861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	212		mg/L		114	85 - 115

Lab Sample ID: 180-143622-C-9 DU
Matrix: Water
Analysis Batch: 410861

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	110		103		mg/L		4	10

Lab Sample ID: 180-143626-C-1 DU
Matrix: Water
Analysis Batch: 410861

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	410		422		mg/L		3	10

Lab Sample ID: MB 180-410863/2
Matrix: Water
Analysis Batch: 410863

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/01/22 16:20	1

Lab Sample ID: LCS 180-410863/1
Matrix: Water
Analysis Batch: 410863

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	206		mg/L		111	85 - 115

Lab Sample ID: 180-143622-C-8 DU
Matrix: Water
Analysis Batch: 410863

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	<10		<10		mg/L		NC	10

Lab Sample ID: 180-143635-C-1 DU
Matrix: Water
Analysis Batch: 410863

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2700		2640		mg/L		0.8	10

Lab Sample ID: MB 180-410864/2
Matrix: Water
Analysis Batch: 410864

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/01/22 16:23	1

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QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: LCS 180-410864/1
Matrix: Water
Analysis Batch: 410864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	214		mg/L		115	85 - 115

Lab Sample ID: 180-143622-C-6 DU
Matrix: Water
Analysis Batch: 410864

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	930		966		mg/L		3	10

Lab Sample ID: 180-143622-C-7 DU
Matrix: Water
Analysis Batch: 410864

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2800		2870		mg/L		4	10

Lab Sample ID: MB 180-412043/2
Matrix: Water
Analysis Batch: 412043

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			09/14/22 13:24	1

Lab Sample ID: LCS 180-412043/1
Matrix: Water
Analysis Batch: 412043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	186	210		mg/L		113	85 - 115

Lab Sample ID: 180-144185-B-5 DU
Matrix: Water
Analysis Batch: 412043

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	<10		<10		mg/L		NC	10

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-411314/29
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/07/22 17:10	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/07/22 17:10	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/07/22 17:10	1

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: MB 180-411314/3
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/07/22 17:10	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/07/22 17:10	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/07/22 17:10	1

Lab Sample ID: LCS 180-411314/1
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	265	241		mg/L		91	90 - 110

Lab Sample ID: LCS 180-411314/27
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	265	241		mg/L		91	90 - 110

Lab Sample ID: LLCS 180-411314/2
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	15.9		mg/L		100	75 - 125

Lab Sample ID: LLCS 180-411314/28
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	15.9		mg/L		100	75 - 125

Lab Sample ID: 180-143491-A-1 DU
Matrix: Water
Analysis Batch: 411314

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	120		119		mg/L		0	20
Bicarbonate Alkalinity as CaCO3	120		119		mg/L		0	20
Carbonate Alkalinity as CaCO3	<10		<10		mg/L		NC	20

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: MB 180-411525/30
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/08/22 14:58	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 14:58	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 14:58	1

Lab Sample ID: MB 180-411525/54
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/08/22 17:42	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 17:42	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 17:42	1

Lab Sample ID: MB 180-411525/6
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/08/22 11:27	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 11:27	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 11:27	1

Lab Sample ID: MB 180-411525/78
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/08/22 20:52	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 20:52	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/08/22 20:52	1

Lab Sample ID: LCS 180-411525/5
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	265	241		mg/L		91	90 - 110

Lab Sample ID: LCS 180-411525/53
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	265	239		mg/L		90	90 - 110

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QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-411525/77
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	265	238		mg/L		90	90 - 110

Lab Sample ID: LLCS 180-411525/4
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	21.0	*+	mg/L		132	75 - 125

Lab Sample ID: LLCS 180-411525/52
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.5		mg/L		92	75 - 125

Lab Sample ID: LLCS 180-411525/76
Matrix: Water
Analysis Batch: 411525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	15.3		mg/L		96	75 - 125

Lab Sample ID: 680-220282-9 DU
Matrix: Water
Analysis Batch: 411525

Client Sample ID: GWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	65		65.9		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	65		65.9		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 680-220282-13 DU
Matrix: Water
Analysis Batch: 411525

Client Sample ID: GWC-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	93		93.8		mg/L		0.9	20
Bicarbonate Alkalinity as CaCO3	93		93.8		mg/L		0.9	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: MB 180-412004/30
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/13/22 18:32	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 18:32	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 18:32	1

Lab Sample ID: MB 180-412004/54
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/13/22 21:10	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 21:10	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 21:10	1

Lab Sample ID: MB 180-412004/78
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/13/22 23:45	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 23:45	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/13/22 23:45	1

Lab Sample ID: LCS 180-412004/53
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

Lab Sample ID: LCS 180-412004/77
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

Lab Sample ID: LLCS 180-412004/52
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LLCS 180-412004/76
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.4		mg/L		90	75 - 125

Lab Sample ID: 180-143630-H-1 DU
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	220		212		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	220		212		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 680-220188-F-4 DU
Matrix: Water
Analysis Batch: 412004

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	25		23.3		mg/L		9	20
Bicarbonate Alkalinity as CaCO3	25		23.3		mg/L		9	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 180-413036/30
Matrix: Water
Analysis Batch: 413036

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			09/21/22 18:20	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/22 18:20	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			09/21/22 18:20	1

Lab Sample ID: LCS 180-413036/29
Matrix: Water
Analysis Batch: 413036

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	260	249		mg/L		96	90 - 110

Lab Sample ID: LLCS 180-413036/28
Matrix: Water
Analysis Batch: 413036

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	15.6	19.0		mg/L		122	75 - 125

QC Sample Results

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: 180-144113-D-2 DU
Matrix: Water
Analysis Batch: 413036

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Alkalinity as CaCO3 to pH 4.5	190		192		mg/L		0.5	20
Bicarbonate Alkalinity as CaCO3	190		192		mg/L		0.5	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20



QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

HPLC/IC

Analysis Batch: 410671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total/NA	Water	EPA 300.0 R2.1	
680-220259-2	GWC-1	Total/NA	Water	EPA 300.0 R2.1	
680-220259-3	DUP-4	Total/NA	Water	EPA 300.0 R2.1	
MB 180-410671/50	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-410671/51	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-143554-A-2 MS	Matrix Spike	Total/NA	Water	EPA 300.0 R2.1	
180-143554-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 410801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-1	GWC-3	Total/NA	Water	EPA 300.0 R2.1	
680-220282-2	GWC-4	Total/NA	Water	EPA 300.0 R2.1	
680-220282-3	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
680-220282-4	GWC-6	Total/NA	Water	EPA 300.0 R2.1	
680-220282-5	GWC-7	Total/NA	Water	EPA 300.0 R2.1	
680-220282-6	GWC-8A	Total/NA	Water	EPA 300.0 R2.1	
680-220282-7	GWC-9	Total/NA	Water	EPA 300.0 R2.1	
680-220282-8	GWC-10	Total/NA	Water	EPA 300.0 R2.1	
680-220282-9	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
680-220282-10	GWA-15	Total/NA	Water	EPA 300.0 R2.1	
680-220282-11	GWA-16	Total/NA	Water	EPA 300.0 R2.1	
680-220282-12	GWC-18	Total/NA	Water	EPA 300.0 R2.1	
680-220282-13	GWC-19	Total/NA	Water	EPA 300.0 R2.1	
680-220282-14	GWC-20	Total/NA	Water	EPA 300.0 R2.1	
680-220282-15	FB-4	Total/NA	Water	EPA 300.0 R2.1	
680-220282-16	EB-4	Total/NA	Water	EPA 300.0 R2.1	
680-220282-17	FB-5	Total/NA	Water	EPA 300.0 R2.1	
680-220282-18	DUP-5	Total/NA	Water	EPA 300.0 R2.1	
MB 180-410801/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-410801/7	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
680-220282-9 MS	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
680-220282-9 MSD	GWC-11	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 410826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220286-1	GWC-2	Total/NA	Water	EPA 300.0 R2.1	
680-220286-2	GWC-12	Total/NA	Water	EPA 300.0 R2.1	
680-220286-3	GWC-13	Total/NA	Water	EPA 300.0 R2.1	
680-220286-4	GWC-14	Total/NA	Water	EPA 300.0 R2.1	
680-220286-5	EB-5	Total/NA	Water	EPA 300.0 R2.1	
MB 180-410826/36	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-410826/37	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
680-220286-2 MS	GWC-12	Total/NA	Water	EPA 300.0 R2.1	
680-220286-2 MSD	GWC-12	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 411760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total/NA	Water	7470A	
680-220259-2	GWC-1	Total/NA	Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Metals (Continued)

Prep Batch: 411760 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-3	DUP-4	Total/NA	Water	7470A	
MB 180-411760/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-411760/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-143622-B-2-A MS	Matrix Spike	Total/NA	Water	7470A	
180-143622-B-2-B MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 411762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220286-1	GWC-2	Total/NA	Water	7470A	
680-220286-2	GWC-12	Total/NA	Water	7470A	
680-220286-3	GWC-13	Total/NA	Water	7470A	
680-220286-4	GWC-14	Total/NA	Water	7470A	
680-220286-5	EB-5	Total/NA	Water	7470A	
MB 180-411762/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-411762/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-143559-D-1-B MS	Matrix Spike	Total/NA	Water	7470A	
180-143559-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 411763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-1	GWC-3	Total/NA	Water	7470A	
680-220282-2	GWC-4	Total/NA	Water	7470A	
680-220282-3	GWC-5	Total/NA	Water	7470A	
680-220282-4	GWC-6	Total/NA	Water	7470A	
680-220282-5	GWC-7	Total/NA	Water	7470A	
680-220282-6	GWC-8A	Total/NA	Water	7470A	
680-220282-7	GWC-9	Total/NA	Water	7470A	
680-220282-8	GWC-10	Total/NA	Water	7470A	
680-220282-9	GWC-11	Total/NA	Water	7470A	
680-220282-10	GWA-15	Total/NA	Water	7470A	
680-220282-11	GWA-16	Total/NA	Water	7470A	
680-220282-12	GWC-18	Total/NA	Water	7470A	
680-220282-13	GWC-19	Total/NA	Water	7470A	
680-220282-14	GWC-20	Total/NA	Water	7470A	
680-220282-15	FB-4	Total/NA	Water	7470A	
680-220282-16	EB-4	Total/NA	Water	7470A	
680-220282-17	FB-5	Total/NA	Water	7470A	
680-220282-18	DUP-5	Total/NA	Water	7470A	
MB 180-411763/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-411763/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-220282-1 MS	GWC-3	Total/NA	Water	7470A	
680-220282-1 MSD	GWC-3	Total/NA	Water	7470A	

Prep Batch: 411924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total Recoverable	Water	3005A	
680-220259-2	GWC-1	Total Recoverable	Water	3005A	
680-220259-3	DUP-4	Total Recoverable	Water	3005A	
680-220282-1	GWC-3	Total Recoverable	Water	3005A	
680-220282-2	GWC-4	Total Recoverable	Water	3005A	
680-220282-3	GWC-5	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Metals (Continued)

Prep Batch: 411924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-4	GWC-6	Total Recoverable	Water	3005A	
680-220282-5	GWC-7	Total Recoverable	Water	3005A	
680-220282-6	GWC-8A	Total Recoverable	Water	3005A	
680-220282-7	GWC-9	Total Recoverable	Water	3005A	
MB 180-411924/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-411924/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-143834-J-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-143834-J-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 411931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total/NA	Water	EPA 7470A	411760
680-220259-2	GWC-1	Total/NA	Water	EPA 7470A	411760
680-220259-3	DUP-4	Total/NA	Water	EPA 7470A	411760
680-220282-1	GWC-3	Total/NA	Water	EPA 7470A	411763
680-220282-2	GWC-4	Total/NA	Water	EPA 7470A	411763
680-220282-3	GWC-5	Total/NA	Water	EPA 7470A	411763
680-220282-4	GWC-6	Total/NA	Water	EPA 7470A	411763
680-220282-5	GWC-7	Total/NA	Water	EPA 7470A	411763
680-220282-6	GWC-8A	Total/NA	Water	EPA 7470A	411763
680-220282-7	GWC-9	Total/NA	Water	EPA 7470A	411763
680-220282-8	GWC-10	Total/NA	Water	EPA 7470A	411763
680-220282-9	GWC-11	Total/NA	Water	EPA 7470A	411763
680-220282-10	GWA-15	Total/NA	Water	EPA 7470A	411763
680-220282-11	GWA-16	Total/NA	Water	EPA 7470A	411763
680-220282-12	GWC-18	Total/NA	Water	EPA 7470A	411763
680-220282-13	GWC-19	Total/NA	Water	EPA 7470A	411763
680-220282-14	GWC-20	Total/NA	Water	EPA 7470A	411763
680-220282-15	FB-4	Total/NA	Water	EPA 7470A	411763
680-220282-16	EB-4	Total/NA	Water	EPA 7470A	411763
680-220282-17	FB-5	Total/NA	Water	EPA 7470A	411763
680-220282-18	DUP-5	Total/NA	Water	EPA 7470A	411763
680-220286-1	GWC-2	Total/NA	Water	EPA 7470A	411762
680-220286-2	GWC-12	Total/NA	Water	EPA 7470A	411762
680-220286-3	GWC-13	Total/NA	Water	EPA 7470A	411762
680-220286-4	GWC-14	Total/NA	Water	EPA 7470A	411762
680-220286-5	EB-5	Total/NA	Water	EPA 7470A	411762
MB 180-411760/1-A	Method Blank	Total/NA	Water	EPA 7470A	411760
MB 180-411762/1-A	Method Blank	Total/NA	Water	EPA 7470A	411762
MB 180-411763/1-A	Method Blank	Total/NA	Water	EPA 7470A	411763
LCS 180-411760/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	411760
LCS 180-411762/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	411762
LCS 180-411763/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	411763
180-143559-D-1-B MS	Matrix Spike	Total/NA	Water	EPA 7470A	411762
180-143559-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	411762
180-143622-B-2-A MS	Matrix Spike	Total/NA	Water	EPA 7470A	411760
180-143622-B-2-B MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	411760
680-220282-1 MS	GWC-3	Total/NA	Water	EPA 7470A	411763
680-220282-1 MSD	GWC-3	Total/NA	Water	EPA 7470A	411763

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Metals

Analysis Batch: 412084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total Recoverable	Water	EPA 6020B	411924
680-220259-2	GWC-1	Total Recoverable	Water	EPA 6020B	411924
680-220259-3	DUP-4	Total Recoverable	Water	EPA 6020B	411924
680-220282-1	GWC-3	Total Recoverable	Water	EPA 6020B	411924
680-220282-2	GWC-4	Total Recoverable	Water	EPA 6020B	411924
680-220282-3	GWC-5	Total Recoverable	Water	EPA 6020B	411924
680-220282-4	GWC-6	Total Recoverable	Water	EPA 6020B	411924
680-220282-5	GWC-7	Total Recoverable	Water	EPA 6020B	411924
680-220282-6	GWC-8A	Total Recoverable	Water	EPA 6020B	411924
680-220282-7	GWC-9	Total Recoverable	Water	EPA 6020B	411924
MB 180-411924/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	411924
LCS 180-411924/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	411924
180-143834-J-1-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	411924
180-143834-J-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	411924

Prep Batch: 412195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-8	GWC-10	Total Recoverable	Water	3005A	
680-220282-9	GWC-11	Total Recoverable	Water	3005A	
680-220282-10	GWA-15	Total Recoverable	Water	3005A	
680-220282-11	GWA-16	Total Recoverable	Water	3005A	
680-220282-12	GWC-18	Total Recoverable	Water	3005A	
680-220282-13	GWC-19	Total Recoverable	Water	3005A	
MB 180-412195/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-412195/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-143559-D-1-I MS	Matrix Spike	Total Recoverable	Water	3005A	
180-143559-D-1-J MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 412196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-14	GWC-20	Total Recoverable	Water	3005A	
680-220282-15	FB-4	Total Recoverable	Water	3005A	
680-220282-16	EB-4	Total Recoverable	Water	3005A	
680-220282-17	FB-5	Total Recoverable	Water	3005A	
680-220282-18	DUP-5	Total Recoverable	Water	3005A	
680-220286-1	GWC-2	Total Recoverable	Water	3005A	
680-220286-2	GWC-12	Total Recoverable	Water	3005A	
680-220286-3	GWC-13	Total Recoverable	Water	3005A	
680-220286-4	GWC-14	Total Recoverable	Water	3005A	
680-220286-5	EB-5	Total Recoverable	Water	3005A	
MB 180-412196/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-412196/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-143337-C-8-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-143337-C-8-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 412385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-8	GWC-10	Total Recoverable	Water	EPA 6020B	412195
680-220282-9	GWC-11	Total Recoverable	Water	EPA 6020B	412195
680-220282-10	GWA-15	Total Recoverable	Water	EPA 6020B	412195
680-220282-11	GWA-16	Total Recoverable	Water	EPA 6020B	412195

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QC Association Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Metals (Continued)

Analysis Batch: 412385 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-12	GWC-18	Total Recoverable	Water	EPA 6020B	412195
680-220282-13	GWC-19	Total Recoverable	Water	EPA 6020B	412195
680-220282-14	GWC-20	Total Recoverable	Water	EPA 6020B	412196
680-220282-15	FB-4	Total Recoverable	Water	EPA 6020B	412196
680-220282-16	EB-4	Total Recoverable	Water	EPA 6020B	412196
680-220282-17	FB-5	Total Recoverable	Water	EPA 6020B	412196
680-220282-18	DUP-5	Total Recoverable	Water	EPA 6020B	412196
680-220286-1	GWC-2	Total Recoverable	Water	EPA 6020B	412196
680-220286-2	GWC-12	Total Recoverable	Water	EPA 6020B	412196
680-220286-3	GWC-13	Total Recoverable	Water	EPA 6020B	412196
680-220286-4	GWC-14	Total Recoverable	Water	EPA 6020B	412196
680-220286-5	EB-5	Total Recoverable	Water	EPA 6020B	412196
MB 180-412195/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412195
MB 180-412196/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412196
LCS 180-412195/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412195
LCS 180-412196/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412196
180-143337-C-8-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	412196
180-143337-C-8-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	412196
180-143559-D-1-I MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	412195
180-143559-D-1-J MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	412195

Analysis Batch: 412391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total Recoverable	Water	EPA 6020B	411924
680-220259-2	GWC-1	Total Recoverable	Water	EPA 6020B	411924
680-220259-3	DUP-4	Total Recoverable	Water	EPA 6020B	411924
680-220282-1	GWC-3	Total Recoverable	Water	EPA 6020B	411924
680-220282-2	GWC-4	Total Recoverable	Water	EPA 6020B	411924
680-220282-3	GWC-5	Total Recoverable	Water	EPA 6020B	411924
680-220282-4	GWC-6	Total Recoverable	Water	EPA 6020B	411924
680-220282-5	GWC-7	Total Recoverable	Water	EPA 6020B	411924
680-220282-6	GWC-8A	Total Recoverable	Water	EPA 6020B	411924
680-220282-7	GWC-9	Total Recoverable	Water	EPA 6020B	411924
MB 180-411924/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	411924
LCS 180-411924/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	411924
180-143834-J-1-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	411924
180-143834-J-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	411924

Analysis Batch: 412402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-8	GWC-10	Total Recoverable	Water	EPA 6020B	412195
680-220282-9	GWC-11	Total Recoverable	Water	EPA 6020B	412195
680-220282-10	GWA-15	Total Recoverable	Water	EPA 6020B	412195
680-220282-11	GWA-16	Total Recoverable	Water	EPA 6020B	412195
680-220282-12	GWC-18	Total Recoverable	Water	EPA 6020B	412195
680-220282-13	GWC-19	Total Recoverable	Water	EPA 6020B	412195
680-220282-14	GWC-20	Total Recoverable	Water	EPA 6020B	412196
680-220282-15	FB-4	Total Recoverable	Water	EPA 6020B	412196
680-220282-16	EB-4	Total Recoverable	Water	EPA 6020B	412196
680-220282-17	FB-5	Total Recoverable	Water	EPA 6020B	412196
680-220282-18	DUP-5	Total Recoverable	Water	EPA 6020B	412196

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QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Metals (Continued)

Analysis Batch: 412402 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220286-1	GWC-2	Total Recoverable	Water	EPA 6020B	412196
680-220286-2	GWC-12	Total Recoverable	Water	EPA 6020B	412196
680-220286-3	GWC-13	Total Recoverable	Water	EPA 6020B	412196
680-220286-4	GWC-14	Total Recoverable	Water	EPA 6020B	412196
680-220286-5	EB-5	Total Recoverable	Water	EPA 6020B	412196
MB 180-412195/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412195
MB 180-412196/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	412196
LCS 180-412195/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412195
LCS 180-412196/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	412196
180-143337-C-8-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	412196
180-143337-C-8-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	412196
180-143559-D-1-I MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	412195
180-143559-D-1-J MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	412195

General Chemistry

Analysis Batch: 410543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total/NA	Water	SM 2540C	
680-220259-2	GWC-1	Total/NA	Water	SM 2540C	
MB 180-410543/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-410543/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143516-C-4 DU	Duplicate	Total/NA	Water	SM 2540C	
180-143517-C-7 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 410687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-3	DUP-4	Total/NA	Water	SM 2540C	
MB 180-410687/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-410687/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143622-C-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 410861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-4	GWC-6	Total/NA	Water	SM 2540C	
680-220282-5	GWC-7	Total/NA	Water	SM 2540C	
680-220282-8	GWC-10	Total/NA	Water	SM 2540C	
680-220282-10	GWA-15	Total/NA	Water	SM 2540C	
680-220282-11	GWA-16	Total/NA	Water	SM 2540C	
680-220282-13	GWC-19	Total/NA	Water	SM 2540C	
680-220286-1	GWC-2	Total/NA	Water	SM 2540C	
MB 180-410861/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-410861/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143622-C-9 DU	Duplicate	Total/NA	Water	SM 2540C	
180-143626-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 410863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-1	GWC-3	Total/NA	Water	SM 2540C	
680-220282-2	GWC-4	Total/NA	Water	SM 2540C	
680-220282-3	GWC-5	Total/NA	Water	SM 2540C	

Eurofins Savannah

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

General Chemistry (Continued)

Analysis Batch: 410863 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-9	GWC-11	Total/NA	Water	SM 2540C	
680-220282-12	GWC-18	Total/NA	Water	SM 2540C	
680-220282-15	FB-4	Total/NA	Water	SM 2540C	
680-220282-17	FB-5	Total/NA	Water	SM 2540C	
680-220286-4	GWC-14	Total/NA	Water	SM 2540C	
MB 180-410863/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-410863/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143622-C-8 DU	Duplicate	Total/NA	Water	SM 2540C	
180-143635-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 410864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-6	GWC-8A	Total/NA	Water	SM 2540C	
680-220282-7	GWC-9	Total/NA	Water	SM 2540C	
680-220282-14	GWC-20	Total/NA	Water	SM 2540C	
680-220282-18	DUP-5	Total/NA	Water	SM 2540C	
680-220286-2	GWC-12	Total/NA	Water	SM 2540C	
680-220286-3	GWC-13	Total/NA	Water	SM 2540C	
680-220286-5	EB-5	Total/NA	Water	SM 2540C	
MB 180-410864/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-410864/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-143622-C-6 DU	Duplicate	Total/NA	Water	SM 2540C	
180-143622-C-7 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 411314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total/NA	Water	SM2320 B	
680-220259-2	GWC-1	Total/NA	Water	SM2320 B	
MB 180-411314/29	Method Blank	Total/NA	Water	SM2320 B	
MB 180-411314/3	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-411314/1	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-411314/27	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-411314/2	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-411314/28	Lab Control Sample	Total/NA	Water	SM2320 B	
180-143491-A-1 DU	Duplicate	Total/NA	Water	SM2320 B	

Analysis Batch: 411525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-1	GWC-3	Total/NA	Water	SM2320 B	
680-220282-2	GWC-4	Total/NA	Water	SM2320 B	
680-220282-3	GWC-5	Total/NA	Water	SM2320 B	
680-220282-4	GWC-6	Total/NA	Water	SM2320 B	
680-220282-5	GWC-7	Total/NA	Water	SM2320 B	
680-220282-6	GWC-8A	Total/NA	Water	SM2320 B	
680-220282-7	GWC-9	Total/NA	Water	SM2320 B	
680-220282-8	GWC-10	Total/NA	Water	SM2320 B	
680-220282-9	GWC-11	Total/NA	Water	SM2320 B	
680-220282-10	GWA-15	Total/NA	Water	SM2320 B	
680-220282-11	GWA-16	Total/NA	Water	SM2320 B	
680-220282-12	GWC-18	Total/NA	Water	SM2320 B	
680-220282-13	GWC-19	Total/NA	Water	SM2320 B	

Eurofins Savannah

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

General Chemistry (Continued)

Analysis Batch: 411525 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-14	GWC-20	Total/NA	Water	SM2320 B	
680-220282-15	FB-4	Total/NA	Water	SM2320 B	
680-220282-16	EB-4	Total/NA	Water	SM2320 B	
680-220282-17	FB-5	Total/NA	Water	SM2320 B	
680-220282-18	DUP-5	Total/NA	Water	SM2320 B	
680-220286-2	GWC-12	Total/NA	Water	SM2320 B	
MB 180-411525/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-411525/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-411525/6	Method Blank	Total/NA	Water	SM2320 B	
MB 180-411525/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-411525/5	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-411525/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-411525/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-411525/4	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-411525/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-411525/76	Lab Control Sample	Total/NA	Water	SM2320 B	
680-220282-9 DU	GWC-11	Total/NA	Water	SM2320 B	
680-220282-13 DU	GWC-19	Total/NA	Water	SM2320 B	

Analysis Batch: 412004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220286-1	GWC-2	Total/NA	Water	SM2320 B	
680-220286-3	GWC-13	Total/NA	Water	SM2320 B	
680-220286-4	GWC-14	Total/NA	Water	SM2320 B	
680-220286-5	EB-5	Total/NA	Water	SM2320 B	
MB 180-412004/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-412004/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-412004/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-412004/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-412004/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-412004/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-412004/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-143630-H-1 DU	Duplicate	Total/NA	Water	SM2320 B	
680-220188-F-4 DU	Duplicate	Total/NA	Water	SM2320 B	

Analysis Batch: 412043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220282-16	EB-4	Total/NA	Water	SM 2540C	
MB 180-412043/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-412043/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-144185-B-5 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 413036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-3	DUP-4	Total/NA	Water	SM2320 B	
MB 180-413036/30	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-413036/29	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-413036/28	Lab Control Sample	Total/NA	Water	SM2320 B	
180-144113-D-2 DU	Duplicate	Total/NA	Water	SM2320 B	

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Field Service / Mobile Lab

Analysis Batch: 410796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-220259-1	GWA-17	Total/NA	Water	Field Sampling	
680-220259-2	GWC-1	Total/NA	Water	Field Sampling	
680-220282-1	GWC-3	Total/NA	Water	Field Sampling	
680-220282-2	GWC-4	Total/NA	Water	Field Sampling	
680-220282-3	GWC-5	Total/NA	Water	Field Sampling	
680-220282-4	GWC-6	Total/NA	Water	Field Sampling	
680-220282-5	GWC-7	Total/NA	Water	Field Sampling	
680-220282-6	GWC-8A	Total/NA	Water	Field Sampling	
680-220282-7	GWC-9	Total/NA	Water	Field Sampling	
680-220282-8	GWC-10	Total/NA	Water	Field Sampling	
680-220282-9	GWC-11	Total/NA	Water	Field Sampling	
680-220282-10	GWA-15	Total/NA	Water	Field Sampling	
680-220282-11	GWA-16	Total/NA	Water	Field Sampling	
680-220282-12	GWC-18	Total/NA	Water	Field Sampling	
680-220282-13	GWC-19	Total/NA	Water	Field Sampling	
680-220282-14	GWC-20	Total/NA	Water	Field Sampling	
680-220286-1	GWC-2	Total/NA	Water	Field Sampling	
680-220286-2	GWC-12	Total/NA	Water	Field Sampling	
680-220286-3	GWC-13	Total/NA	Water	Field Sampling	
680-220286-4	GWC-14	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWA-17
Date Collected: 08/24/22 16:45
Date Received: 08/26/22 09:00

Lab Sample ID: 680-220259-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410671	09/01/22 08:15	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 17:47	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 13:45	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411760	09/12/22 13:53	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:02	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410543	08/30/22 16:47	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: NOEQUIP		1	50 mL	100 mL	411314	09/08/22 08:37	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/24/22 16:45	FDS	EET PIT

Client Sample ID: GWC-1
Date Collected: 08/24/22 15:49
Date Received: 08/26/22 09:00

Lab Sample ID: 680-220259-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410671	09/01/22 08:31	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 17:51	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 13:48	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411760	09/12/22 13:53	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:03	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410543	08/30/22 16:47	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: NOEQUIP		1	50 mL	100 mL	411314	09/08/22 08:37	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/24/22 15:49	FDS	EET PIT

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: DUP-4
Date Collected: 08/24/22 00:00
Date Received: 08/26/22 09:00

Lab Sample ID: 680-220259-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410671	09/01/22 08:45	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 17:54	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 13:51	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411760	09/12/22 13:53	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:04	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410687	08/31/22 13:46	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: NOEQUIP		1	10 mL	10 mL	413036	09/21/22 19:35	RSR	EET PIT

Client Sample ID: GWC-3
Date Collected: 08/25/22 14:00
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 15:37	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 18:12	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 14:02	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:42	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 18:13	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 14:00	FDS	EET PIT

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-4

Lab Sample ID: 680-220282-2

Date Collected: 08/25/22 10:45

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			410801	09/01/22 15:51	SNL	EET PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412084	09/14/22 18:08	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412391	09/16/22 13:59	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 15:45	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			411525	09/08/22 19:41	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			410796	08/25/22 10:45	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-5

Lab Sample ID: 680-220282-3

Date Collected: 08/25/22 09:07

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			410801	09/01/22 16:06	SNL	EET PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412084	09/14/22 18:15	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412391	09/16/22 14:05	RSK	EET PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 15:48	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			411525	09/08/22 18:20	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			410796	08/25/22 09:07	FDS	EET PIT
Instrument ID: NOEQUIP										

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Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-6
Date Collected: 08/25/22 10:14
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 16:21	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 18:19	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 14:08	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:49	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 18:07	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 10:14	FDS	EET PIT

Client Sample ID: GWC-7
Date Collected: 08/25/22 11:07
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 17:06	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 18:22	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 14:11	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:50	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 12:29	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 11:07	FDS	EET PIT

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-8A

Lab Sample ID: 680-220282-6

Date Collected: 08/25/22 12:34

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 17:21	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 18:26	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 14:13	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:51	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 12:22	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 12:34	FDS	EET PIT

Client Sample ID: GWC-9

Lab Sample ID: 680-220282-7

Date Collected: 08/25/22 13:38

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 17:35	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412084	09/14/22 18:29	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	411924	09/13/22 16:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			412391	09/16/22 14:16	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:52	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 22:11	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 13:38	FDS	EET PIT

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-10
Date Collected: 08/25/22 09:35
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 17:50	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 21:20	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 21:20	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:53	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 12:35	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 09:35	FDS	EET PIT

Client Sample ID: GWC-11
Date Collected: 08/25/22 15:41
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 18:05	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 21:24	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 21:24	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:54	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 21:57	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 15:41	FDS	EET PIT

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWA-15
Date Collected: 08/25/22 15:08
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 18:50	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 21:27	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 21:27	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:55	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 22:43	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 15:08	FDS	EET PIT

Client Sample ID: GWA-16
Date Collected: 08/25/22 13:40
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 19:05	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 21:31	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/15/22 16:07	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 21:31	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:56	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 22:50	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 13:40	FDS	EET PIT

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-18

Lab Sample ID: 680-220282-12

Date Collected: 08/25/22 11:57

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 19:19	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/16/22 01:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 21:34	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/16/22 01:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 21:34	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:57	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 19:14	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 11:57	FDS	EET PIT

Client Sample ID: GWC-19

Lab Sample ID: 680-220282-13

Date Collected: 08/25/22 09:09

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 20:04	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/16/22 01:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 21:38	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412195	09/16/22 01:08	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 21:38	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 16:00	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 20:59	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 09:09	FDS	EET PIT

Eurofins Savannah

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-20

Lab Sample ID: 680-220282-14

Date Collected: 08/25/22 10:43

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 20:19	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 15:39	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 15:39	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 16:01	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 21:13	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/25/22 10:43	FDS	EET PIT

Client Sample ID: FB-4

Lab Sample ID: 680-220282-15

Date Collected: 08/25/22 09:22

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			410801	09/01/22 20:34	SNL	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 15:42	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 15:42	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 16:03	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			411525	09/08/22 21:19	ELS	EET PIT

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: EB-4

Lab Sample ID: 680-220282-16

Date Collected: 08/25/22 09:30

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			410801	09/01/22 20:49	SNL	EET PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412385	09/16/22 15:46	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412402	09/16/22 15:46	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 16:04	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	412043	09/14/22 13:24	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			411525	09/08/22 21:24	ELS	EET PIT
Instrument ID: PCTITRATOR										

Client Sample ID: FB-5

Lab Sample ID: 680-220282-17

Date Collected: 08/25/22 15:18

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			410801	09/01/22 21:03	SNL	EET PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412385	09/16/22 15:56	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412402	09/16/22 15:56	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 16:05	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			411525	09/08/22 22:37	ELS	EET PIT
Instrument ID: PCTITRATOR										

Client Sample ID: DUP-5

Lab Sample ID: 680-220282-18

Date Collected: 08/25/22 00:00

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			410801	09/01/22 21:18	SNL	EET PIT
Instrument ID: CHICS2100B										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: DUP-5
Date Collected: 08/25/22 00:00
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220282-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412385	09/16/22 16:00	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412402	09/16/22 16:00	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411763	09/12/22 14:01	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 16:06	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			411525	09/08/22 22:30	ELS	EET PIT
Instrument ID: PCTITRATOR										

Client Sample ID: GWC-2
Date Collected: 08/26/22 08:56
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410826	09/01/22 23:39	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412385	09/16/22 16:03	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412402	09/16/22 16:03	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411762	09/12/22 13:56	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 15:23	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410861	09/01/22 16:16	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			412004	09/14/22 00:34	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			410796	08/26/22 08:56	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-12
Date Collected: 08/26/22 09:51
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410826	09/02/22 01:01	M1D	EET PIT
Instrument ID: INTEGRION										

Eurofins Savannah

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-12
Date Collected: 08/26/22 09:51
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412385	09/16/22 16:07	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412402	09/16/22 16:07	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411762	09/12/22 13:56	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 15:24	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			411525	09/08/22 21:36	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			410796	08/26/22 09:51	FDS	EET PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-13
Date Collected: 08/26/22 08:45
Date Received: 08/27/22 09:00

Lab Sample ID: 680-220286-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1 mL	410826	09/02/22 02:08	M1D	EET PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412385	09/16/22 16:10	RSK	EET PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B		1			412402	09/16/22 16:10	RSK	EET PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	411762	09/12/22 13:56	RJR	EET PIT
Total/NA	Analysis	EPA 7470A		1			411931	09/13/22 15:25	RJR	EET PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			412004	09/14/22 01:24	ELS	EET PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			410796	08/26/22 08:45	FDS	EET PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Client Sample ID: GWC-14

Lab Sample ID: 680-220286-4

Date Collected: 08/26/22 09:25

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1 mL	410826	09/02/22 01:41	M1D	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 16:14	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 16:14	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411762	09/12/22 13:56	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:26	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410863	09/01/22 16:20	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			412004	09/14/22 00:18	ELS	EET PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			410796	08/26/22 09:25	FDS	EET PIT

Client Sample ID: EB-5

Lab Sample ID: 680-220286-5

Date Collected: 08/26/22 09:40

Matrix: Water

Date Received: 08/27/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1 mL	410826	09/02/22 01:55	M1D	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412385	09/16/22 16:17	RSK	EET PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	412196	09/15/22 16:10	NAF	EET PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			412402	09/16/22 16:17	RSK	EET PIT
Total/NA	Prep	7470A			25 mL	25 mL	411762	09/12/22 13:56	RJR	EET PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			411931	09/13/22 15:27	RJR	EET PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	410864	09/01/22 16:23	DOM	EET PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			412004	09/14/22 01:43	ELS	EET PIT

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22 *
California	State	2891	04-30-23
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	06-30-23
Georgia	State	PA 02-00416	04-30-23
Illinois	NELAP	004375	06-30-23
Kansas	NELAP	E-10350	03-31-23
Kentucky (UST)	State	162013	04-30-23
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22 *
Louisiana (All)	NELAP	04041	06-30-23
Maine	State	PA00164	03-06-24
Minnesota	NELAP	042-999-482	12-31-22
New Hampshire	NELAP	2030	04-04-23
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-01-23
North Carolina (WW/SW)	State	434	10-11-22
North Dakota	State	R-227	04-30-23
Oregon	NELAP	PA-2151	02-07-23
Pennsylvania	NELAP	02-00416	04-30-23
Rhode Island	State	LAO00362	12-31-22
South Carolina	State	89014	04-20-23
Texas	NELAP	T104704528	03-31-23
USDA	US Federal Programs	P330-16-00211	06-21-24
Utah	NELAP	PA001462019-8	05-31-23
Virginia	NELAP	10043	09-14-23
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-220259-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	EET PIT
EPA 6020B	Metals (ICP/MS)	SW846	EET PIT
EPA 7470A	Mercury (CVAA)	SW846	EET PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PIT
SM2320 B	Alkalinity, Total	SM18	EET PIT
Field Sampling	Field Sampling	EPA	EET PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET PIT
7470A	Preparation, Mercury	SW846	EET PIT

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ORIGIN ID: LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DAT
ACTWGT:
CAD: 859
BILL REC

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSB
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7058
REF: DEPT:

Uncorrected temp
Thermometer ID

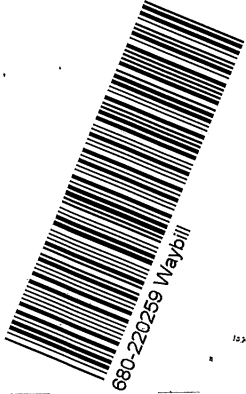
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3 of 3

MPS# 5220 7120 7229
Mstr# 5220 7120 7287

FRI - 21
PRIORITY

NA AGCA



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Environment Testing
TestAmerica

RT 98



10:30
10:30
10:30
A
Testing

Part # 159469-434 MTW EXP 01/23

ORIGIN ID: IJYA (678) 966-9991
 GEORGE TAYLOR
 6215 REGENCY PARKWAY NW
 SUITE 900
 NORCROSS, GA 30071
 UNITED STATES US

TO SAMPLE RECEIVING
 EUROFINS TESTING
 301 ALPHA DR.
 RIDG PARK
 PITTSBURGH PA 15238

REF: (412) 983-7058

SHIP DATE: 25AUG22
 ACTWGT: 66.10 LB
 CND: 859116/CAFEE3616

BILL RECIPIENT

577C2/F39B/432A

PS# 5220 7120 7218
 2 of 3
 # 5220 7120 7207
A AGCA

FRI - 26 AUG 10:30A
 PRIORITY OVERNIGHT



Uncorrected temp
 Thermometer ID
 PA-US
 15238
 PIT

Initials
 JF

CF

PT-M-SR-001 effective 11/8/16

ORIGIN ID: IJYA (678) 966-9991
 GEORGE TAYLOR
 6215 REGENCY PARKWAY NW
 SUITE 900
 NORCROSS, GA 30071
 UNITED STATES US

TO SAMPLE RECEIVING
 EUROFINS TESTING
 301 ALPHA DR.
 RIDG PARK
 PITTSBURGH PA 15238

REF: (412) 983-7058

SHIP DATE: 25AUG22
 ACTWGT: 66.10 LB
 CND: 859116/CAFEE3616

BILL RECIPIENT

6c67/06E3/C0255

TRK# 5220 7120 7207
 1 of 3
 # MASTER #
NA AGCA

FRI - 26 AUG 10:30A
 PRIORITY OVERNIGHT



Uncorrected temp
 Thermometer ID
 PA-US
 15238
 PIT

Initials
 JF

CF

PT-M-SR-001 effective 11/8/16

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XO AGO

MPS# 5220 7120 7460
Met# 5220 120 124
5 of 5

SATURDAY 12:00P
PRIORITY OVERNIGHT

PA- 38
-us
PIT

0263

DEPT: REF: INV: (412) 963-7058

TO
SAMPLE RECEIVING
 GEORGE TAYLOR (678) 966-9991
 EUROFINS TESTING AMERICA ATL SC
 8215 REGENCY PARKWAY NM
 SUITE 900
 NORCROSS, GA 30071
 UNITED STATES US

ORIGIN ID: LTYA

301 ALPHA DR.
 RIDC PARK
 PITTSBURGH PA 15238

Thermometer ID: 2.4
 Uncorrected temp: 19
 Initials: *[Signature]*
 CF: 0
 PT-WI-SR-001 effective 11/8/18

0263

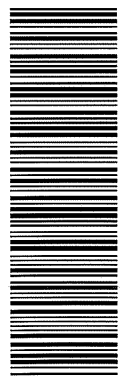
FedEx Express

J2224240328017

SHIP DATE: 08/27/19
 ACTWGT: 23.8
 CAD: 859116/0-3616

BILL RECIPIENT

ST 17 017
 Env Testa
 18



680-220282 Waybill

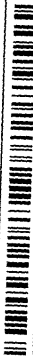
ORIGIN ID: LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 26AUG22
ACTWGT: 23.65 LB
CAD: 859116/CAFE3616
BILL RECIPIENT

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7068
REF: INV: PO:

DEPT:



4 of 5

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Mstr# 5220 7120 7424

SATURDAY 12:00P
PRIORITY OVERNIGHT

0269

0201

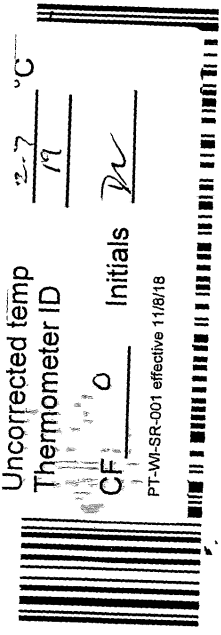
XO AGCA

15238
PA-US
PIT

Uncorrected temp
Thermometer ID

CF 0 Initials

PT-WI-SR-001 effective 11/8/18



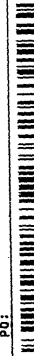
ORIGIN ID: LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 26AUG22
ACTWGT: 23.65 LB
CAD: 859116/CAFE3616
BILL RECIPIENT

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7068
REF: INV: PO:

DEPT:



2 of 5

MPS# 5220 7120 7435
Mstr# 5220 7120 7424

SATURDAY 12:00P
PRIORITY OVERNIGHT

0269

0201

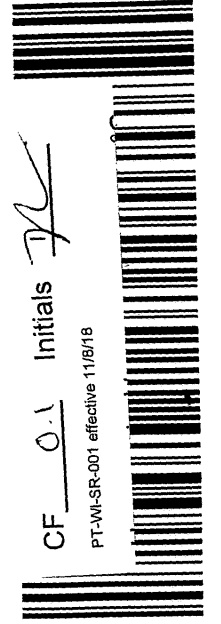
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15238
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PIT

Uncorrected temp
Thermometer ID

CF 0.1 Initials

PT-WI-SR-001 effective 11/8/18



1
12:00 B
7424
08:27



Environment Testing
TestAmerica

Part # 159469-434 MTW EXP 01/23

ORIGIN ID: LIYA
GEORGE TAYLOR
EUROFINS TESTING AMERICA
SUITE REGENCY PARKWAY NW
NORCROSS, GA 30071
UNITED STATES US

ORIGIN ID: LIYA
GEORGE TAYLOR
EUROFINS TESTING AMERICA
SUITE REGENCY PARKWAY NW
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 26AUG22
ACTING: 23 65 LB
CAD: 859116/CAFE3616

SHIP DATE: 26AUG22
ACTING: 23 65 LB
CAD: 859116/CAFE3616

BILL RECIPIENT
TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

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TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 863-7068
INR:
PO:

(412) 863-7068
INR:
PO:

5772/F39B/4326

5772/F39B/4326



3 of 5
MPS# 5220 7120 7446
Mstr# 5220 7120 7424

1 of 5
MASTER 5220 7120 7424

J222022022801YR

J222022022801YR

SATURDAY 12:00P
PRIORITY OVERNIGHT

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO AGCA

Uncorrected temp 2.7 °C
Thermometer ID PA-US 15238 PIT

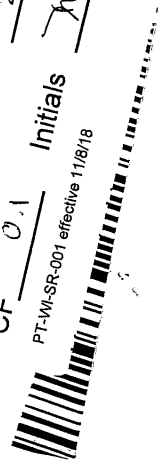
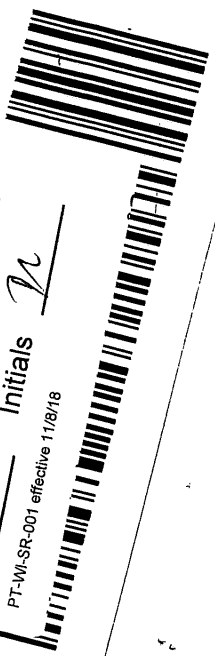
Uncorrected temp
Thermometer ID

CF 0 Initials R

CF 0.1 Initials R

PT-WI-SR-001 effective 11/8/18

PT-WI-SR-001 effective 11/8/18



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SHIP DATE: 26AUG22
ACTWGT: 23.65 LB
CAD: 859116/CAFE3616

SC

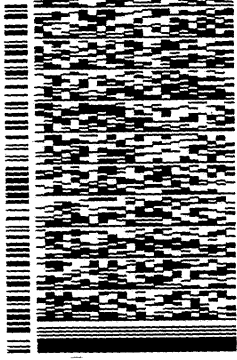
BILL RECIPIENT

NORCROSS, GA 30071
UNITED STATES US

TO SAMPLE RECIEVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7068
REF: 1101
PG: 1

DEPT:



122202202801 49

2 of 5
SATURDAY 12:00P
PRIORITY OVERNIGHT

MPS# 5220 7120 7435
0263
Mstr# 5220 7120 7424
0201

XO AGCA

15238
PIT

Uncorrected temp 20.5 °C
Thermometer ID 20



CF 0.1 Initials JL

PT-WI-SR-001 effective 11/8/18

ORIGIN ID: LIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS, GA 30071
UNITED STATES US

SHIP DATE: 26AUG22
ACTWGT: 23.65 LB
CAD: 859116/CAFE3616

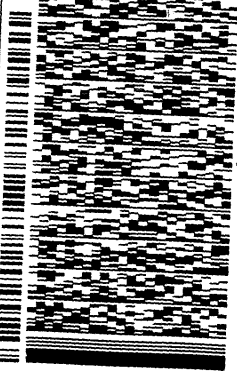
SC

BILL RECIPIENT

TO SAMPLE RECIEVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7068
REF: 1101
PG: 1

DEPT:



122202202801 49

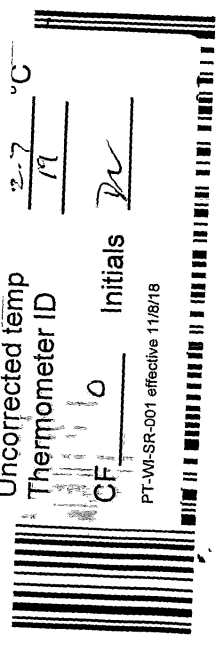
4 of 5
SATURDAY 12:00P
PRIORITY OVERNIGHT

MPS# 5220 7120 7457
0263
Mstr# 5220 7120 7424
0201

XO AGCA

15238
PIT

Uncorrected temp 27 °C
Thermometer ID 19



CF 0 Initials JL

PT-WI-SR-001 effective 11/8/18



1
12:00 B
7424
08/27



Environment Testing
TestAmerica

ORIGIN ID: LIYA
GEORGE TAYLOR
EUROFINS TESTING AMERICA
SUITE REGENCY PARKWAY NW
MORCROSS, GA 30071
UNITED STATES US
SHIP DATE: 26AUG22
ACTING: 23.65 LB
CAD: 859116/CAFE3816
BILL RECIPIENT

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238
REF: (412) 968-7068

5792/F39N/4320



1 of 5
MASTER 5220 7120 7424
SATURDAY 12:00P
PRIORITY OVERNIGHT

Uncorrected temp
Thermometer ID

CF 0.1 Initials *R*

PT-WI-SR-001 effective 1/18/18

15238
PIT

ORIGIN ID: LIYA
GEORGE TAYLOR
EUROFINS TESTING AMERICA
SUITE REGENCY PARKWAY NW
MORCROSS, GA 30071
UNITED STATES US
SHIP DATE: 26AUG22
ACTING: 23.65 LB
CAD: 859116/CAFE3816
BILL RECIPIENT

TO SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238
REF: (412) 968-7068



3 of 5
MPS# 5220 7120 7446
Mstr# 5220 7120 7424
SATURDAY 12:00P
PRIORITY OVERNIGHT

Uncorrected temp
Thermometer ID

CF 0 Initials *R*

PT-WI-SR-001 effective 1/18/18



15238
PA-US PIT



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Env
TestA

ST 1017 7g

12:00 B

08.27 7468

444 MTW EXP 01/23

ORIGIN ID: LIYA (678) 966-9991
 GEORGE TAYLOR
 EUROFINS TESTING AMERICA ATL SC
 6215 REGENCY PARKWAY NW
 SUITE 900
 NORCROSS, GA 30071
 UNITED STATES US

SHIP DATE:
 ACTWGT: 23.6
 CAD: 8591167C 3616

BILL RECEIPT

TO **SAMPLE RECIEVING**
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDC PARK
PITTSBURGH PA 15238

(412) 963-7058 REF:
 INU: DEPT:
 PO:



Uncorrected temp 2.4 °C
 Thermometer ID 19
 CF 0 Initials M
 PT-WI-SR-001 effective 11/8/18



5 of 5

MPS# 5220 7120 7160
 0263

Mstr# 5220 120 12A
 0263

XO AGO

SATURDAY 12:00P
PRIORITY OVERNIGHT

PA- 38
 -US PIT

TestAmerica Pittsburgh
 301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody Record

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Project Manager: Dawn Prell
 Tel/Fax: 248-536-5445
 Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below: 3-5 days
 2 weeks
 1 week
 2 days
 1 day

Client Contact
 Joju Abraham
 Southern Company
 241 Ralph McGill Blvd SE B10185
 Atlanta, GA 30308
 JAbraham@southernco.com
 Project Name: CCR - Plant Scherer Cell 1
 Site Georgia
 PO# GL166235022 02

Site Contact: Dawn Prell
 Lab Contact: Dawn Prell
 Date: 08/25/22
 Carrier:

COC No: 1 of 1 COCs
 Sampler: MM / AP
 For Lab Use Only:
 Walk-In Client:
 Lab Sampling
 Job / SDG No

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Performs MS / MSD (Y/N)	6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Tl, Vn, Zn	Cations: Na, Mg, K	Cl, F, SO4, TDS	Alkalinity (total, CO3, HCO3)	Sample Specific Notes
GWC-17 GWA-17 5/25/22	8/24/2022	16 45	G	WG	4	N	N	X	X	X	X	pH= 6.22
GWC-1	8/24/2022	15 49	G	WG	4	N	N	X	X	X	X	pH= 6.42
DUP-4	8/24/2022	-	G	WQ	4	N	N	X	X	X	X	

Barcode: 680-220259 Chain of Custody

244-ATLANTA

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample
 Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No: _____

Received by: *Plaine Cook* Date/Time: *08/25/22 8:18*
 Received by: *Plaine Cook* Date/Time: *08/25/22*
 Received by: *Plaine Cook* Date/Time: *08/25/22 10:10*

Custody Seal No: *08-05*
 Company: *WSP-6020M*
 Company: *Courner Now*
 Company: *Courner Now*

Reinquisitioned by: *Dwans Factor / Plaine Cook*
 Reinquisitioned by: *Plaine Cook*
 Reinquisitioned by: *Plaine Cook*

Form No. CA-C-WI-002, Rev. 4.26, dated 2/28/2019

TestAmerica Pittsburgh
 301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412 963 7058 fax 412 963 2468

Custody Record

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.



680-220282 Chain of Custody

Regulatory Program: DW NPDES RCRA Other:

Client Contact
 Joju Abraham
 Southern Company
 241 Ralph McGill Blvd SE B10185
 Atlanta, GA 30308
 jAbraham@southernco.com
Project Name: CCR - Plant Scherer Cell 1
 Site Georgia
 PO# GL166235022 02

Project Manager: Dawn Prell
 Tel/Fax: 248-536-5445

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below ___ 3-5 days ___
 2 weeks
 1 week
 2 days
 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Sample Specific Notes									
						Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	6020, 7470A: As, Ba, Be, Bi, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Tl, Vn, Zn	Cations: Na, Mg, K	Cl, F, SO4, TDS	Alkalinity (total, CO3, HCO3)	Carrier:	Date: 08/26/22	COC No: 1 of 2 COCs	
GWC-3	8/25/2022	14:00	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 5.99
GWC-4	8/25/2022	10:45	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.19
GWC-5	8/25/2022	9:07	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 5.96
GWC-6	8/25/2022	10:14	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.13
GWC-7	8/25/2022	11:07	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.31
GWC-8A	8/25/2022	12:34	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.29
GWC-9	8/25/2022	13:38	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.48
GWC-10	8/25/2022	9:35	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.20
GWC-11	8/25/2022	15:41	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.01
GWA-15	8/25/2022	15:08	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 5.40
GWA-16	8/25/2022	13:40	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.42
GWC-18	8/25/2022	11:57	G	WG	4	N	N	X	X	X	X	X	X	X	pH= 6.45

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification: Please list any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample
 Non-Hazard Flammable Skin Irritant Unknown

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for: _____ Months

Custody Seals Intact: Yes No

Relinquished by: JAMES FULTON / [Signature]
 Date/Time: 08/26/22
 Company: WSP-600012 Company

Relinquished by: [Signature]
 Date/Time: 8/26/22 14:20
 Company: [Signature] Company

Relinquished by: [Signature]
 Date/Time: 8/26/22 14:20
 Company: [Signature] Company

Therm ID No: _____
 Date/Time: 8-26-22 14:20
 Date/Time: 8/26/22 14:20
 Date/Time: 8/26/22 14:20



Regulatory Program: | DW | NPDES | RCRA | Other:

Client Contact
Joju Abraham
Southern Company
241 Ralph McGill Blvd SE B10185
Atlanta, GA 30308
JAbraham@southernco.com
Project Name: CCR - Plant Scherer Cell 1
Site Georgia
PO# GL166235022 02

Project Manager: Dawn Prell
Tel/Fax: 248-536-5445

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below 3-5 days _____
 2 weeks
 1 week
 2 days
 1 day

Site Contact: Dawn Prell
Lab Contact: David Fuller

Date: 08/26/22
Carrier: **244-ATLANTA**

COC No: 2 of 2 COCs
Sampler: MM / AP / CT
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No: _____

Sample Identification	Sample Date	Sample Time	Sample Type (C-comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)		Perform MS / MSD (Y / N)		6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Tl, Vn, Zn		Cations: Na, Mg, K		CF, F, SO4, TDS		Alkalinity (total, CO3, HCO3)		Sample Specific Notes
						Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	
GWC-19	8/25/2022	9 09	G	WG	4	N	N	N	N	X	X	X	X	X	X	X	X	pH= 6.36
GWC-20	8/25/2022	10 43	G	WG	4	N	N	N	N	X	X	X	X	X	X	X	X	pH= 6.62
FB-4	8/25/2022	9 22	G	WQ	4	N	N	N	N	X	X	X	X	X	X	X	X	
EB-4	8/25/2022	9 30	G	WQ	4	N	N	N	N	X	X	X	X	X	X	X	X	
FB-5	8/25/2022	15 18	G	WQ	4	N	N	N	N	X	X	X	X	X	X	X	X	
DUP-5	8/25/2022	--	G	WG	4	N	N	N	N	X	X	X	X	X	X	X	X	

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample
 Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments:

Custody Seal No: _____
 Date/Time: 08/26/22 14:20
 Date/Time: 8-26-22 14:20
 Date/Time: 8-26-22 14:20
 Date/Time: _____

Relinquished by: *Dawn Prell*
 Relinquished by: *Michael Mackel*
 Relinquished by: _____

Chain of Custody Record

TestAmerica Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238-2907
phone 412 963 7058 fax 412 963 2468

TestAmerica Laboratories, Inc.
COC No: 1 of 1 COCs

Regulatory Program: DW NPDES RCRA Other:

Client Contact
Joju Abraham
Southern Company
241 Ralph McGill Blvd SE B10185
Atlanta, GA 30308
JAbraham@southernco.com
Project Name: CCR - Plant Scherer Cell 1
Site Georgia
PO#: GL166235022 02

Project Manager: Dawn Prell
Tel/Fax: 248-536-5445

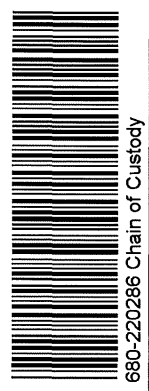
Site Contact: Dawn Prell
Date: 08/26/22

Lab Contact: David Fuller
Carrier: 1 of 1 COCs

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below: 3-5 days

2 weeks
 1 week
 2 days
 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Cations: Na, Mg, K	Alkalinity (total, CO3, HCO3)	Sample Specific Notes
GWC-2	8/26/2022	8:56	G	WG	4	N	N	X	X	pH= 6.37
GWC-12	8/26/2022	9:51	G	WG	4	N	N	X	X	pH= 5.07
GWC-13	8/26/2022	8:45	G	WG	4	N	N	X	X	pH= 5.91
GWC-14	8/26/2022	9:25	G	WG	4	N	N	X	X	pH= 5.51
EB-5	8/26/2022	9:40	G	WQ	4	N	N	X	X	



Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Non-Hazard Flammable Skin Irritant Poison B Unknown

Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Custody Seal No: 14:20
Company: USA-60092
Date/Time: 08/24/22

Relinquished by: [Signature]
Date/Time: 8-26-22

Relinquished by: [Signature]
Date/Time: 8/27/22 9:00

Relinquished by: [Signature]
Date/Time: [Blank]

Received by: [Signature]
Date/Time: 8-26-22 14:20

Received by: [Signature]
Date/Time: 8/27/22 9:00

Received in Laboratory by: [Signature]



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-220259-1

Login Number: 220259

List Number: 2

Creator: Watson, Debbie

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-220259-1

Login Number: 220282

List Source: Eurofins Pittsburgh

List Number: 2

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-220259-1

Login Number: 220286

List Source: Eurofins Pittsburgh

List Number: 2

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



golder.com



wsp.com